

IN THE CIRCUIT COURT OF THE
EIGHTEENTH JUDICIAL CIRCUIT
IN AND FOR BREVARD COUNTY,
FLORIDA

STATE OF FLORIDA,
Plaintiff,

CASE NO. 05-2012-CF-035337-AXXX-XX

vs.

BRANDON LEE BRADLEY,
Defendant.

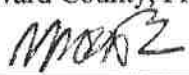
DISCLOSURE TO THE STATE

Pursuant to Fla.R.Crim.P. 3.220 and 3.202, the Defendant discloses to the State of Florida the following items via E-discovery:

1. Curriculum Vitae for Mark Herbst, M.D.
2. Letter to J. Randall Moore from Mark Herbst, M.D. dated Jan. 6, 2014, re interpretation of MRI data acquired during MRI imaging of Brandon Lee Bradley on October 15, 2013.
3. Curriculum Vitae for Joseph Wu, M.D.
4. Report by Joseph Wu, M.D. re PET-Scan imaging performed on Brandon Lee Bradley on Dec. 23, 2013.
5. Curriculum Vitae for Susan Skolly-Danziger, Pharm.D, previously provided by E-discovery.
6. Report by Susan Skolly-Danziger, Pharm.D, re toxicological evaluation of Brandon Lee Bradley, previously provided via E-discovery.
7. Curriculum Vitae for Jacquelyn Olander, Ph.D., previously provided via E-discovery.
8. Report by Jacquelyn Olander, Ph.D., of neuropsychological testing of Brandon Lee Bradley, previously provided via E-discovery.

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and accurate copy of the foregoing has been furnished E-delivery to the Office of the State Attorney, Brevard County, Florida, this 9th day of January, 2014.



J. Randall Moore
Assistant Public Defender
Florida Bar No. 0357847
2725 Judge Fran Jamieson Way
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Viera, FL 32940
321-617-7373
brevardfelony@pd18.net

MARK DAVID HERBST, M.D., PH.D.

PERSONAL DATA

Birth date: January 5, 1957 Birthplace: Plainfield, NJ
Business Website Address: www.independent-dr.com
Email: mdherbst@independent-dr.com
Surface Mail: 3900 Central AV, St. Petersburg, FL 33711-1238
Telephone: (727) 327-5006 Fax: (727) 327-3077
Curriculum Vitae revision date: August 12, 2013

EDUCATION

EMORY UNIVERSITY SCHOOL OF MEDICINE
MD, 1985
EMORY UNIVERSITY GRADUATE SCHOOL OF ARTS AND SCIENCES
PhD, Physical Chemistry, 1984
UNIVERSITY OF SOUTH FLORIDA
MS, Physical Organic Chemistry, 1979
ECKERD COLLEGE
BS, Organic Chemistry, 1977

POSTGRADUATE EDUCATION

MEMORIAL MAGNETIC RESONANCE IMAGING CENTER
UNIVERSITY OF CALIFORNIA, IRVINE
WILLIAM G. BRADLEY, JR, MD, PHD, DIRECTOR
MRI Fellowship, 1990-91

EMORY UNIVERSITY AFFILIATED HOSPITALS
Chief Resident, Diagnostic Radiology, 1989-90
Resident, Diagnostic Radiology, 1986-90
Internship, Internal Medicine, 1985-86

PROFESSIONAL SOCIETY MEMBERSHIPS

American Roentgen Ray Society
American Society of Neuroradiology, Senior Member
Clinical Magnetic Resonance Society
International Society for Magnetic Resonance in Medicine
Radiological Society of North America
Society for Informatics and Imaging in Medicine

MEDICAL LICENSURE AND BOARD CERTIFICATION

Florida Board of Medicine, License # ME60533
Georgia State Medical Board, License # 31021
California State Medical Board, License #G069295, inactive
Diplomate, American Board of Radiology, 1991

EMPLOYMENT

President and owner, St. Petersburg Independent Diagnostic Radiology, Inc.,
dba Independent Diagnostic Radiology, 3900 Central Avenue, St. Petersburg, FL 33711--
1238 , (727) 327—5006, October, 1998 to present.

Adjunct Clinical Associate Professor, Radiology Rotations for Junior and Senior Medical
Students, Lake Erie College of Osteopathic Medicine (LECOM), 2007-present, Lecturer to
Freshmen or Sophomore students, 2008-present.

Clinical Instructor, St. Pete College: MRI physics courses, 1995-present
Staff Radiologist, Physicians Group, LLC, April, 2005-present
Medical Director: St. Pete MRI, 2003-present

Price, Hoffman, Stone and Associates, M.D.'s, P.A., 747 6TH AV S, St. Petersburg, FL,
33701, Staff Radiologist, Director of MRI, Bayfront Medical Center, Edward White
Hospital, Also worked at Suncoast Medical Clinic, Bayfront Medical Plaza, Vencor Hospital,
August, 1991-October, 1998. Resigned to form St. Petersburg Independent Diagnostic
Radiology, Inc.

PUBLICATIONS

Herbst, MD. Radiograffiti: how one radiologist read the writing on the wall and went
filmless. *Decisions in Imaging Economics*, 14(1): 7, 41-2, September, 2001.

Herbst, MD. How old is that herniation? *The Audible Release*, 1(3):13, Apr/May. 2001.

Herbst, MD. Describing disc pathology on MRI scans. *The Audible Release*, p. 4,
November 2000.

McIvor ME, Herbst MD. Noninvasive management of pseudoaneurysms by the novel use
of a compression device: Case reports. *Vascular Surgery*, 29(1):5963, 1995.

Herbst MD, Garcia EV, Cooke CD, Ezquerra NF, Folks RD, DePuey EG. Myocardial
ischemia detection by expert system interpretation of thallium-201 tomograms.
Cardiovascular Nuclear Medicine and MRI, pp. 77-88. JHC Reiber and EE van der Wall,
editors. Kluwer Academic Publishers, The Netherlands, 1992.

Herbst MD, Goldstein JH. A review of water diffusion measurement by NMR in human
red blood cells. *Am J Physiol* 256: (Cell Physiol 25): C1097-C1104, 1989.

Elias DL, Nelson RC, Herbst MD, Zubowicz VN. Magnetic resonance imaging for
detection of arterial and venous occlusion in canine muscle flaps and bowel segments. *Ann
Surg* 206:624-27, 1987.

Herbst MD, Goldstein JH. Cell water transport measurement by NMR: A three-compartment model which includes cell aggregation. *J Magn Res* 60:299-306, 1984.

Herbst MD, Goldstein JH. Monitoring red blood cell aggregation with nuclear magnetic resonance. *Biochim Biophys Acta* 805:123-126, 1984.

Herbst MD, Goldstein JH. Measuring red cell aggregation kinetics with nuclear magnetic resonance. International Topical Congress on Kinetics of aggregation and gelation, Athens, Georgia, April 2-4, 1984. F. Family and D. P. Landau, (editors), Elsevier Science Publishers, B. V. p53-55.

Herbst MD, Snider AD. Simulating calculator precision. *Didactic Programming* 1:46, 1979.

Raber DJ, Gariano P, Brod AO, Gariano A, Guida W, Guida A, Herbst MD. Esterification of carboxylic acids with trialkonium salts. *J Org Chem* 44:1149-54, 1979.

ABSTRACTS

Bradley WG, Watanabe AS, O'Sullivan RM, Herbst MD, Lee RR, Amster JL. Use of ultrathin T1-weighted images to distinguish periventricular gliosis from deep white matter infarction. *RSNA '91, Chicago, IL, Nov. 30 - Dec. 6, 1991.*

Bradley WG, Nitz WR, Herbst MD, Lee RR, O'Sullivan RM, Watanabe AS. Cerebrospinal fluid imaging in the spine. *RSNA '91, Chicago, IL, Nov. 30 - Dec. 6, 1991. American Society of Neuroradiology Annual Meeting, Washington, DC, June 1991.*

Bradley WG, Nitz WR, Burgoyne B, Herbst MD, Lee RR, O'Sullivan RM, Watanabe AS. CSF velocity imaging in normal and hydrocephalic states. *Society for Magnetic Resonance Imaging Annual Meeting, Chicago, IL, April 1991.*

Teresi LM, David SJ, O'Sullivan RM, Watanabe AS, Herbst MD, Lee RR, Amster JL, Berger PE, Bradley WG. MR imaging of the knee: the "two-tone" meniscus, a new sign of meniscal tear. *Society for Magnetic Resonance Imaging Annual Meeting, Chicago, IL, April 1991.*

Watanabe AS, O'Sullivan RM, Herbst MD, Lee RR, Bradley WG. Use of Ultrathin slice MR technique to detect multiple sclerosis. *Western Neuroradiological Society Annual Meeting, Santa Fe, NM, October, 1990. Society for Magnetic Resonance Imaging Annual Meeting, Chicago, IL, April 1991. American Society of Neuroradiology Annual Meeting, Washington, DC, June 1991.*

Watanabe AS, Teresi LM, Amster JL, Herbst MD, O'Sullivan RM, Lee RR, Bradley WG. MR Angiography of the vertebrobasilar artery system: 2D vs 3D time-of-flight techniques. *Western Neuroradiological Society Annual Meeting, Santa Fe, NM, October, 1990.*

Watanabe AS, Teresi LM, Amster JL, Herbst MD, O'Sullivan RM, Lee RR, Bradley WG. MR Angiography of brachiocephalic vessels. *Western Neuroradiological Society Annual Meeting, Santa Fe, NM, October, 1990.*

O'Sullivan RM, Bradley WG, Herbst MD, Lee RR, Watanabe AS, Teresi LM, Amster JL. Effect of pulsatility on MR angiography of the carotid arteries. *Western Neuroradiological Society Annual Meeting, Santa Fe, NM, October, 1990.*

Watanabe AS, Teresi LM, Herbst MD, O'Sullivan RM, Lee RR, Smith C, Renner J, Rappaport A, Bradley WG. Gadolinium-enhanced turbo-FLASH MR imaging of renal perfusion and excretion. *RSNA '90, Chicago, IL, December 1990. Society for Magnetic*

Resonance Imaging Annual Meeting, Chicago, IL, April 1991.

Herbst MD, Bradley WG, Nitz W, Burgoyne B, Lee RR, O'Sullivan RM, Watanabe AS, Song S. Reproduction of the arachnoid cyst rebound sign in a cerebrospinal fluid flow phantom (abstract). RSNA '91, Chicago, IL, Nov. 30 - Dec. 6, 1991.

Herbst MD, Nitz WR, Burgoyne B, Lee RR, O'Sullivan RM, Watanabe AS. Rebound sign in CSF flow-velocity imaging of arachnoid cysts (abstract). Society for Magnetic Resonance Imaging Annual Meeting, Chicago, IL, April 1991.

Teresi LM, Smith C, Messenger J, Watanabe AS, Herbst MD, O'Sullivan RM, Lee RR, Renner J, Rappaport A, Bradley WG. First-pass MR myocardial perfusion imaging with gadolinium enhanced turbo-FLASH: comparison with systolic wall thickening data for determination of myocardial viability. RSNA '90, Chicago, IL, December 1990.

Bradley WG, Nitz WR, Herbst MD, Lee RR, O'Sullivan RM, Watanabe AS, Amster JL. Quantification and display of CSF velocity in normals and in patients with communicating hydrocephalus. Western Neuroradiological Society Annual Meeting, Santa Fe, NM, October, 1990.

Herbst MD, Teresi LM, Watanabe AS, O'Sullivan RM, Lee RR, Bradley WG, Amster JL. Correlation of MR angiography with conventional imaging modalities (abstract). The Western Neuroradiological Society Annual Meeting, Santa Fe, NM, October 18-21, 1990.

Garcia EV, Herbst MD, Cooke CD, Ezquerra NF, Folks RD, DePuey EG. Knowledge-based visualization of myocardial perfusion tomographic images. Proceedings of the First Conference on Visualization in Biomedical Computing, Atlanta, GA, May 22-25, 1990, IEEE Society Press, p157--161.

Herbst MD, Garcia EV, Cooke CD, Folks RD, Ezquerra NF. Myocardial ischemia detection by artificial intelligence interpretation of thallium-201 tomograms (abstract). RSNA '89, Chicago, IL, Nov. 26 - Dec. 1, 1989.

BOOK CONTRIBUTION

MRI contrast enhancement in the central nervous system: A case study approach, Brasch, RC, editor, Raven Press, 1993, New York.

Watanabe AS, Bradley WG, Amster JL, Herbst MD, Lee RR, O'Sullivan RM, Bell R. Appendix: MR Imaging Protocols. In Magnetic Resonance Imaging, 2nd Ed., D Stark and WG Bradley, editors. Mosby 1992.

CLINICAL RESEARCH TRIALS

Study Group Leader, The Mag/Net Study: Magnevist National Experience Trial, safety of Magnevist in clinical use. Led group of local physicians as part of nationwide investigation, St. Petersburg, 1992.

Primary investigator, Squibb ProHance Study: Utility and safety of ProHance in enhanced MR imaging of head and neck pathology. October--November 1990, Memorial Magnetic Resonance Center, Long Beach, CA.

TEACHING

Adjunct Clinical Associate Professor, Radiology Rotations for Junior and Senior Medical Students, Lake Erie College of Osteopathic Medicine (LECOM), Bradenton, FL, 2007--present, Lecturer to Freshmen and Sophomore students, 2008-present.

Basic MRI I/II: RTE2575/6. St. Petersburg (Junior) College, 1995-present.

Adjunct Faculty 2012-13, Clinical Instructor, 2004-2010, Bayfront Medical Center Sports Medicine Fellowship Program

Clinical Instructor, Bayfront Medical Center Family Practice Residency Program, 1991--1998, 2005-2009.

Bayfront Medical Center: Weekly Radiology Rounds: 1995-98; Monthly Oncology Conference 1995-98; Weekly OB-Gyn Conference: 1997, 1998.

J.C. Wu 2/11/12

CURRICULUM VITAE

JOSEPH C. WU, M.D.

Associate Professor in Residence,
Department of Psychiatry and Human Behavior
Director, UCI Neurocognitive Imaging Clinic

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EDUCATION

Fellowship: Silver Light PET brain scan fellowship, University of California, Irvine, 1988
Residency: University of California, Irvine (Psychiatry), 1986
Graduate: M.D., University of California, Irvine, 1982
Undergraduate: B.S., Stanford University (Biology), 1978.

MEDICAL LICENSURE: G51572, State of California

BOARD CERTIFICATION: Diplomate in Psychiatry, No. 31296

ACADEMIC APPOINTMENTS:

Associate in residence professor University of California, Irvine 1987-present.
Director, UCI Neurocognitive Imaging Clinic

PROFESSIONAL ACTIVITY

Awards and honors:

Values, Technology, and Society Program (1978)
Sandoz Psychiatry Award (1982)
Alumni Service Award (1982)
Dean's Research Resident Fellowship (1984-85)
Association for Academic Psychiatry Honorary Fellow (1985)
Senior Resident Research Award (1986)
NARSAD Young Investigator Award (1990-1992)
Taiwan Biological Psychiatry Society Distinguished Invited Lecturer (1991)
Peking Union Medical College "Dr. Morgan Lu Distinguished Invited Lecturer" (1994)
California Alliance for Minority Participation Academic Excellence Mentorship (1998)
American Psychiatry Association Fellow (2001)

Grants and Research Awards

Co-investigator on National Institute of Drug Abuse grant on Human Imaging Studies of Nicotine Dependence and Withdrawal for \$2,580,899 for 1999-2004.

Principal investigator on National Institute of Health RO1 grant on Positron emission tomography study of sleep deprivation in affective illness (RO1 MH 42955, \$1,396,428 direct and indirect costs for six year period beginning July 1, 1988, 50 % effort).

Principal investigator on grant from National Alliance for Research in Schizophrenia and Affective Disease (NARSAD) for Functional Imaging Study of Sleep Deprivation in Depression for \$60,000 over four years from July 1, 1990 to June 30, 1994.

Co-principal investigator on Center for Neuroscience for Schizophrenia with William E. Bunney, Jr., M.D., principal investigator for \$270,000 from July 1, 1989 to February 28, 1994 from NIH.

Principal investigator for Fidia Pharmaceutical "PET Alzheimer Study" contract for \$443,900 from 5/1/90 through June 30, 1993.

PET co-principal investigator with Stephen Potkin's "Treatment Resistant Schizophrenia: PET and EEG Studies" from April 1, 1990 through 3/31/94 for \$ 686,044 from NIH.

PET co-principal investigator with Stephen Potkin's "MAR 327 treatment study of schizophrenia" from November 1, 1993 through April 30, 1995 for \$282,033 from Sandoz Pharmaceuticals.

PET co-principal investigator with "ENA treatment study of Alzheimer's Disease" from Sandoz Pharmaceuticals from July 1, 1995 to June 30, 1996 for \$180,000.

Joseph C. Wu, M.D.

PET co-principal investigator with "MAZ treatment study of schizophrenia" from Sandoz Pharmaceuticals from July 1, 1995 to June 30, 1996 for \$70,000.

PET co-principal investigator with Michael Cohen for "PET study of spinal cord injury" with \$30,000 from March 1, 1995 to December 1, 1997 from VALS (Veterans Assistance League) group.

PET co-principal investigator with Francis Leslie for "Transdisciplinary Tobacco Use Research Center" from National Institute of Health from 9/1/98 to 8/31/00 for \$325,922. Continued 9/1/03 to 8/31/04 for #353,056.

PET co-principal investigator with Daniel Cooper for General Clinical Research Center (GCRC)

PET co-principal investigator with Dr. Stephen Potkin on "A PET Scan, Neurocognitive, and Health Consequences Study of Subjects Treated with Quetiapine (Seroquel®) Versus Those Treated with Olanzapine (Zyprexa®)" from Astra Zeneca for 8/25/03-12/25/03 for \$453,290.

PET co-principal investigator with Dr. Stephen Potkin on "A Randomized, Double-Blind, Parallel-Group Study to Evaluate the Brain Metabolic and Cognitive Effects of Exelon(Rivastigmine) in Patients with Schizophrenia and Related Disorders" from Novartis for 8/27/02-12/31/04 for \$134,144.

PET co-principal investigator with Dr. Stephen Potkin on "A Randomized, Parallel-Group Pilot Study to Evaluate the Brain Effects and Efficacy of Exelon® Compared to Aricept® in Patients with Alzheimer's Disease" from Novartis from 10/16/02-10/15/04 for \$199,968.

PET co-principal investigator with Dr. Stephen Potkin on "A 52-week, prospective, randomized, double-blind, multi-center study of relapse following transition from oral antipsychotic medication to two different doses (25 or 50 mg given every two weeks) of risperidone long-acting microspheres (Risperdal Consta™) in adults with schizophrenia or schizoaffective disorder (Clinical Protocol RIS-SCH-401)" from Janssen from 2/17/03-8/17/04 for \$141,997.

Principal investigator on "Chronobiological acceleration package (sleep deprivation/phase advance plus bright light therapy) for psychopharmacological antidepressant treatment for bipolar depression" from Stanley Foundation from 1/24/03 to 1/25/05 for \$499,900.

Invited presentations:

1. PET studies of PCP abusers as a drug model for schizophrenia. Fourteenth International Symposium of the Taniguchi Foundation. Biological Basis of Schizophrenic Disorders. Katata, Japan. Sep 5-Sep 8, 1990.
2. PET scanning in depression and psychosis. Psychiatric research presentation. Institute of Psychiatric Research, Psychiatry Dept. Indiana University. Apr 11, 1991.
3. Basic principle and clinical application of PET in psychiatry. Kaohsiung University Psychiatry Dept. Grand Rounds, Kaohsiung, Taiwan. Apr 15, 1991.
4. Sleep deprivation in depression. Tainan University Psychiatric Grand Rounds, Tainan, Taiwan. Apr. 16, 1991.
5. Acoustic startle response in schizophrenia. Taichung Medical College Psychiatry Dept. Grand Rounds. Taichung, Taiwan. Apr 17, 1991.
6. Magnetic resonance imaging studies in depression. National Cheng Kung University Medical Center Psychiatry Dept. Grand Rounds. Taipei, Taiwan. April 18, 1991.
7. Brain imaging studies of sleep deprivation in depressed patients. National Alliance for Research on Schizophrenia and Depression (NARSAD) Scientific Symposium, Madison Hotel, Washington, D.C. Sep 27-28, 1991.
8. Positron emission tomographic studies in depression. Invited lecture, Grand Rounds, Yale University. July 28, 1992.
9. Evaluating brain damage for the courtroom with positron emission tomography. Orange County Trial Lawyers Association Symposium. April 26, 1993, Santa Ana, CA.
10. FDOPA and dopamine abnormalities in mental illness. Invited lecture, Doctor's Symposium. Sixth Annual Lockhart Symposium. June 7, 1993, Irvine, California.
11. Mental disorders as viewed through Positron Emission Tomography. American Psychological Society Fifth Annual Convention Presidential Symposium. June 26, 1993, Chicago, Illinois.
12. Positron emission tomographic studies in psychiatry and neurology. "Dr. Morgan Lu Distinguished Invited lecturer". Peking Union Medical College. March 23-24, 1994.

Joseph C. Wu, M.D.

13. FDG findings in stutterers. Seventh annual Lockhart symposium on mental illness and brain imaging. June 12, 1994.
14. FDOPA PET scan abnormalities in schizophrenia. Eighth annual Lockhart symposium on mental illness and brain imaging. June 10, 1995.
15. Regional brain metabolic correlates of sleep deprivation. Third International Conference on Refractory Depression. Oct 18-21, 1995, Napa Valley, CA.
16. Decreased fdopa uptake in right putamen in PET study of cocaine addicts during acute withdrawal. Society for Neuroscience 25th Annual Meeting,, November 11-16, 1995, San Diego, California.
17. PET scan study of stuttering during choral reading. American Speech and Hearing Association (ASHA) convention. December 8, 1995, Orlando, Florida.
18. Regional brain metabolism In stuttering. 3rd Nijmegen Conference on Speech Motor Behaviour and Stuttering. June 5-8, 1996. Nijmegen, The Netherlands.
19. Update on and new knowledge in brain imaging studies in psychiatric diagnoses and treatment, California Psychiatric Association, 9th annual California Premier conference, October 11-13, 1996, Rancho Mirage, California.
20. Regional cerebral glucose metabolic studies of REM and NREM sleep in normal controls and depressed subjects as assessed by positron emission tomography. III Pan-Pacific Conference on Brain Topography, April 1-4, 1997, Tokyo, Japan.
21. Brain imaging and cocaine addiction. 1997 UCI College of Medicine Homecoming Reunion Weekend CME course presentation. October 17, 1997, Irvine, California.
22. A clinician's guide to the functional brain mapping. American Psychiatric Association annual meeting. May 19, 1999, Washington, D.C.
23. Positron emission tomography (PET) scan study of stuttering, cocaine abuse and schizophrenia. St. Joseph Hospital Behavioral Sciences Departmental Lecture. April 9, 1999, Orange, California.
24. Depressed moods and what brain areas are associated as studied by PET scans. UCI University Club lecture. February 17, 2000, Irvine, California.
25. Does sleep play a role in emotional recovery? Insights from the bedside to the neuroimaging laboratory. Association of Professional Sleep Societies. June 22, 2000, Las Vegas, Nevada.

26. National Alliance of Mentally Ill, PET scan studies of depression and schizophrenia, August 12, 2000, Santa Ana, CA
27. Texas Brain Injury Society, PET scan studies of brain injury, 3/15/2002, Houston, Texas
28. Closed head trauma lecture, 6/25/02, Santa Clara
29. Florida Public Defenders Annual Meeting, PET scan studies of brain injury and psychiatric illness, 9/13/02 Fort Lauderdale, Florida
30. New Mexico Trial Lawyers meeting, "PET scan studies of brain injury", Albuquerque, New Mexico 9/27/02
31. American Academy of Psychiatry and Law, October 26, 2002 (Newport Beach, CA), "PET scan studies in the assessment of neuropsychiatric conditions in forensic settings".
32. Second International Workshop on Sleep Deprivation and Chronobiology of Depression, Milan, Italy, January 30-31, 2003
33. Utah Trial Lawyers Association meeting, "Breaking developments in the treatment and trial of brain injury cases" 3/28/03, Salt Lake City
34. Opening the Mind: The use of brain SPECT imaging in clinical practice, lecture to 200 psychologists, organized by the Amen Clinic, 5/3/03, Newport Beach, CA
35. Depression and Bipolar Support Alliance lecture on PET scan studies of sleep deprivation, 6/10/03 Orange, Ca
36. Association of Trial Lawyers of America annual meeting, lecture on PET scan studies of traumatic brain injury, 7/20/03, San Francisco, CA
37. Invited lecture on PET scan of traumatic brain injury to annual meeting of North American Brain Injury Society meeting, September 2003
38. PET scan and brain injury. Traumatic Brain Injury LG group. April 20, 2007, Treasure Island Hotel, Las Vegas, NV
39. Neuroscience and the Law: Brain Imaging to 2007 Appellate Judicial Attorneys Institute, November 8, 2007, Pacific Palms Conference Resort Hotel, City of Industry, CA.
40. Traumatic brain injury cases- Neurodiagnostic imaging. American Association of Justice. January 26-30, 2008, El Conquistador Resort and Golden Door, San Juan, Puerto Rico.
41. Brain Imaging in Court, XXXIst International Congress on Law and Mental Health, July 1st, 2009, New York University Law School, New York, NY.
42. Results from a study in bipolar patients using sleep deprivation, sleep phase advance, and bright light therapy. June 27, 2009, Society for Light Treatment and Biological Rhythm, Deutsches Institut fur Normung, Berlin.

Presentations at professional meetings:

1. "Simultaneous PET scan and EEG topography" In Society for Neuroscience 13th Annual Meeting, 1983.
2. "PET in schizophrenia and affective illness" in Society for Neuroscience 13th Annual Meeting Abstracts, 1983.
3. "PET study of occipital and somatosensory lobe glucose metabolism in normal subjects receiving photic stimuli versus somatosensory stimuli" in Society for Neuroscience 14th Annual Meeting , 1984.
4. "Cortical and subcortical metabolic correlates of affective illness using positron emission tomography" in Society for Neuroscience 15th Annual Meeting , 1985.
5. "Acute effects of antidepressants on cerebral glucose metabolism in depression assessed by PET" in Neuroscience 16th Annual Meeting, 1986.
6. "Comparison of regional cerebral metabolic rates for bulimics vs. normal controls" in Society for Neurosciences 17th Annual Meeting, 1987.
7. "Cerebral glucose metabolic study of generalized anxiety disorder as assessed by PET " in Society for Neurosciences 18th Annual Meeting, 1988.
8. "Regional cerebral metabolism of REM and nonREM human sleep as assessed by PET" in Society for Neurosciences 18th Annual Meeting, 1988.
9. "PET study of bulimic normal differences" in American Psychiatric Association 141st Annual Meeting New Research Presentations, 1988.
10. "Greater left cerebral hemispheric metabolism in bulimic patients as assessed by positron emission tomography." XVIth C.I.N.P. Congress, Munich. Aug 15-19, 1988.
11. "PET scan study of patients on phencyclidine" in Society for Neuroscience 19th Annual Meeting, 1989.
12. "Dream phenomenological correlations with regional cerebral glucose metabolism" in Association of Professional Sleep Societies Third Annual Meeting, 1989.

13. "Positron emission tomography correlates of response to sleep deprivation." in American Psychiatric Association Presentation 143rd meeting , May 4, 1990, New York.
- 14 "Positron emission studies of sleep deprivation in depression" in Collegium Internationale Neuro-Psychopharmacologicum (CINP) Congress 17th meeting, Kyoto, Japan. Sep 10-14, 1990.
15. "Positron emission tomographic evidence for brain metabolic similarities between PCP users and schizophrenics" in American College of Neuropsychopharmacology (ACNP) 29th Annual Meeting. Caribe Hilton, San Juan, Puerto Rico. Dec 10 -Dec 14, 1990.
16. "Positron emission tomography studies of phencyclidine abuse" in Winter Conference on Brain Research (WCBR) 24th Annual Meeting. Vail, Colorado. Jan 26-Feb 2, 1991.
17. "Positron emission tomography study of phencyclidine users" in International Congress on Schizophrenia Research. The Westin, La Paloma. Tucson, Arizona. Apr 21-25, 1991.
18. "PET studies of PCP abusers" American Psychiatric Association (APA) 144th Annual Meeting, New Orleans, Louisiana. May 11-16, 1991.
19. "Brain imaging and sleep deprivation" in World Federation of Societies of Biological Psychiatry, Fifth World Congress, June 9-14, 1991. Florence, Italy.
20. "PET study of sleep deprivation in unipolar depression. World Federation of Sleep Research Societies, Sep 21-25, 1991, Cannes, France.
21. "Brain imaging studies of sleep deprivation in depressed patients" In National Alliance for Research on Schizophrenia and Depression Scientific Symposium, Sep 27-28, 1991, Washington, D.C.
22. "Elevated cingulate cortex metabolism in subtype of depression that responds to sleep deprivation" in Association of Professional Sleep Societies 6th Annual Meeting. Phoenix, Arizona. May 29-June 3, 1992.
23. "Functional aspects of multiple subtypes of GABAA Receptors as assessed by positron emission tomography" in 26th Winter Conference on Brain Research. January 30, 1993, Whistler BC, Canada.
24. "Changes in cerebral glucose uptake during stuttering" in American Speech and Hearing Association meeting, November 11, 1994, New Orleans, Louisiana.

25. "FDOPA PET Study of Dopamine Function in schizophrenia." in 148th American Psychiatric Association 148th annual meeting. May 20-25, 1995, Miami, Florida.
26. "Decreased FDOPA uptake in right putamen in PET study of cocaine addicts during Acute withdrawal" in Society for Neuroscience 25th annual meeting, November 11-16, 1995, San Diego, California.
27. "Recovery of striatal FDOPA uptake in cocaine addicts during late recovery". Society of Biological Psychiatry Annual Meeting, May 1997, San Diego, California.
28. "FDG PET scan study of traumatic brain injury and correlation with performance on Frontal lobe task (wisconsin card sort)", Society of Neuroscience, November 1998, Los Angeles, California.
29. "FDG PET: a sensitive quantitative measure of Alzheimer's disease progression and brain metabolic effects of ENA", Society of Neuroscience, November 1998, Los Angeles, California.
30. "PET scan studies of Parkinson's disease in the on and off state". Society of Neuroscience, October 1999, Miami Beach, Florida.
31. "PET scan study of treatment of stuttering with risperidal". Collegium Internationale Neuropsychopharmacologicum. July 2000, Brussels, Belgium.
32. Winter conference on brain research, February 1, 2002, Aspen, Colorado, "PET scan studies of nicotine addiction"
33. West Coast College of Biological Psychiatry, April 19, 2002, "PET scan studies of depression"
34. Seventy-second symposium: Clocks and Rhythms. "Chronotherapeutic augmentation of antidepressant treatment can enhance rapidity and magnitude of response", May 30, 2007, Cold Spring Harbor Laboratory, New York.
35. Vawter M, Wu JC, Bunney WE, Kelsoe J Sleep deprivation and biomarkers in PBMC. American College of Neuropsychopharmacology Meeting, Boca Raton Resort and Club, Dec 9-13, 2007.
36. Wu J, Lilja Y, Schachat C, Vawter M, Fallon M. The effect of sleepiness studied with 18F-FDG High Resolution PET and the Stanford Sleepiness Scale. 15th Annual Meeting, Organization for Human Brain Mapping, San Francisco, CA, June 18-22, 2009.
37. Wu J, Lilja Y. Late Cerebral Changes Due to Carbon Monoxide Intoxication (COI) assessed with positron emission tomography and diffusion tensor imaging

(DTI). North American Brain Injury Society's 7th Annual Conference on Brain Injury, Austin, Texas. October 14-17, 2009.

38. Lavebratt C, Sjöholm LK, Backlund L, Soronen P, Paunio T, Cheteh EJ, Vawter MP, Bunney WE, Frisen L, Forsell Y, Wu JC, Kelsoe JR, Osby U, Nikamo P, Partonen T, Schalling M. CRY2 is associated with winter depression and rapid cycling. 18th World Congress on Psychiatric Genetics, Athens, Greece. October 2010.

39. Wu J. Positron emission tomography (PET) and diffusion tensor imaging (DTI) study of traumatic brain injury. North American Brain Injury Society 8th Annual Conference on Brain Injury, Minneapolis, MN, October 7, 2010.

40. Wu, J. ; Tsai V. Diffusion tensor imaging (DTI) and Positron emission tomography (PET) scan findings and neuropsychological tests in mild traumatic brain injury. International Neuropsychological Society 39th annual meeting. Boston, Massachusetts. February 25, 2011.

41. Wu J. Rationale and use of diffusion tensor imaging (DTI) scans to corroborate brain injury. International association of mental health and law meeting. Berlin, July 2011.

42. Wu, J. Neuroimaging with PET and DTI to assess TBI at Sage Hill School, Newport Beach February 9, 2012 sponsored b the Brain and Research Foundation

43.

Reviewer

1. Biological Psychiatry
2. American Journal of Psychiatry
3. Psychiatry Research
4. Alzheimer Disease Association grant reviewer
5. Sleep Journal reviewer
6. Nature
7. National Institute of Health (NIH) Mental Health Centers for Intervention and Applied Research (CIDAR) reviewer (October 2006 and October 2007), Bethesda, Maryland
8. Congressionally Directed Medical Research Program (CDMRP) reviewer for the Deployment Related Medical Research Program (DRDMP), Reston, Virginia December 2008, and June 2009 to evaluate traumatic brain injury and PTSD research and treatment grants

Memberships in societies

Joseph C. Wu, M.D.

American Medical Association
American Psychiatric Association
American Association for the Advancement of Science
Society of Neuroscience
Charter member of West Coast College of Biological Psychiatry
Association of Professional Sleep Societies
Society of Nuclear Medicine
Society of Biological Psychiatry

UNIVERSITY AND PUBLIC SERVICE

Campus

Member of academic senate

School- College of Medicine:

College of Medicine Representative Assembly Member through 1997
Committee on Educational Policy (CEP) 1999-2005
Institutional Review Board committee member, 1999-present

Department of Psychiatry and Human Behavior

Lecturer, neuroscience course clinical correlates, for first year medical students, 2000.

Coordinator and primary lecturer for year long weekly seminar on neuroscience for the psychiatrist and research methodology. This course is required for the first year residents in psychiatry. 1983-1991.

Lecturer for weekly seminar on neuroanatomy, neurochemistry and research methodology for PGY I and PGY II core curriculum, 1992- 2007.

Research advisor for 199 undergraduate student research elective. I have been active as an advisor to twelve students for the last two years. Over half have been awarded excellence in research. Three of these students have gone on to medical school.

Resident supervisor to help with advising residents about research options and to give feedback and support to residents.

Member, Brain Imaging Center Departmental Business Committee, 1995-1996

Community:

Volunteer attending physician at Share Our Selves Free Medical Clinic in Costa Mesa

Joseph C. Wu, M.D.

Board member of Brain Imaging Center Community Fundraising Committee

Presentation to Regents Point on "Brain Imaging and Mental Illness", April 25, 1996

PUBLICATIONS

Book chapters, peer reviewed

1. Wu, J.C., Riley, G., Maguire, G., Nafai, A., Tang, C. PET scan evidence of parallel cerebral systems related to treatment effects: FDG and FDOPA PET scan findings. in *Speech Production: Motor Control, Brain Research and Fluency Disorders*. Editors: Hulstijn, W., Peters, H.F.M., van Lieshout, P.H.H.M. Elsevier, 1997, New York.
2. Maguire, G.A., Riley, G.D., Wu, J.C., Franklin, D.L., Potkin, S. PET scan evidence of parallel cerebral systems related to treatment effects: effects of risperidone in the treatment of stuttering. In *Speech Production: Motor Control, Brain Research and Fluency Disorders*. Editors: Hulstijn, W., Peters, H.F.M., van Lieshout, P.H.H.M. Elsevier, 1997, New York.
3. Riley, G.D., Wu, J.C., Maguire, G. PET scan evidence of parallel cerebral systems related to treatment effects. in *Speech Production: Motor Control, Brain Research and Fluency Disorders*. Editors: Hulstijn, W., Peters, H.F.M., van Lieshout, P.H.H.M. Elsevier, 1997, New York.
4. Wu, J.C., Amen, D.G., Bracha, H.S. Neuroimaging in Clinical Practice. In *Kaplan & Sadock's Comprehensive Textbook of Psychiatry (Seventh edition)*. Editors: Sadock, B.I., Sadock, V.A. Lippincott, Williams & Wilkins, 2000, New York.
5. Gillin, J.C., Buchsbaum, M.S., Wu, J.C., Hong, C., Gottschalk, L., Clark, C., Bunney, W.E. Drummond, S., Brown, G.G. Functional brain imaging during sleep and sleep deprivation in health and disease. In *Pathogenesis, Diagnosis, and Treatment of Sleep Apnea*. Editor: Allan I. Pack, M.D., Ph.D., Publisher: Marcel Decker, in press, New York) 2002.
5. Wu J.C., Buchsbaum M., BunneyW., Gillin J.C. Antidepressant effects (of sleep deprivation). In *Sleep Deprivation: basic science, physiology and behavior*. Editor: Clete Anthony Kushida. (Informa Health Care, 2005, ISBN: 0824759494).
6. Wu JC, Bunney BG, Potkin SG. Sleep deprivation as an antidepressant. In *Sleep and Psychosomatic Medicine*. 2007. Editors: S.R. Pandi-Perumal, Rocco R. Ruoti & Milton Kramer. ISBN: 978-041539499- , Publisher : Informa Helath Care

Journal articles peer reviewed

1. Buchsbaum, M.S., Hazlett, E., Sicotte, N., Stein, M., Wu, J., Zetin, M. Topographic EEG changes with benzodiazepine administration in generalized anxiety disorder. *Biol Psychiatry*, 20: 832-842, 1985.
2. Buchsbaum, M.S., Wu, J., DeLisi, L.E., Holcomb, H., Kessler, R., Johnson, J., King, A.C., Hazlett, E., Langston, K., Post, R.M. Frontal cortex and basal ganglia

metabolic rates assessed by positron emission tomography with ^{18}F -2-deoxyglucose in affective illness. *Jour of Affective Disorders*, 10:137-152, 1986.

3. Buchsbaum, M.S., Tang, S.W., Wu, J.C., Hazlett, E., Donoghue, D.E., Higa, J., Haier, R. Effects of amoxapine and imipramine on cerebral glucose metabolism assessed by positron emission tomography. *Jour of Clinical Psychiatry*, 4:14-17, 1986.

4. Buchsbaum M.S., Wu, J. Haier, R., Hazlett, E., Ball, R., Katz, M, Sokolski, K., Lagunas-Solar, M., Langer, D. Positron emission tomography assessment of effects of benzodiazepines on regional cerebral glucose metabolic rate in patients with anxiety disorder. *Life Sciences*, 40:2393-2400, 1987.

5. Buchsbaum, M.S., Wu, J.C., DeLişi, L.E., Holcomb, H., Hazlett, E., Cooper-Langston, K., Kessler, R. Positron emission tomography studies of basal ganglia and somatosensory cortex neuroleptic drug effects: Differences between normal controls and schizophrenic patients. *Biol. Psychiatry*, 22:479-494, 1987.

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8. Buchsbaum, M.S., Nuechterlein, Haier, R., Wu, J., Sicotte, N., Hazlett, E., Asarnow, R., Potkin, S., Guich, S. Glucose metabolic rate in normals and schizophrenics during the continuous performance test assessed by positron emission tomography. *Brit J. Psychiatry*, 156:216-227, 1990.

9. Wu, J.C., Siegel, B.V., Haier, R., Buchsbaum, M.S. Testing the Swerdlow/Koob model of schizophrenia pathophysiology using positron emission tomography. *Behavioral and Brain Sciences*, 13:169-170, 1990.

10. Wu, J.C., Hagman, J., Buchsbaum, M.S., Blinder, B., Derrfler, M., Tai, W.Y., Hazlett, E., Sicotte, N. Greater left cerebral hemisphere in bulimia assessed by positron emission tomography. *Am J. Psychiatry*, 147:309-312, 1990.

11. Buchsbaum, M.S., Gillin, J.C., Wu, J.C., Hazlett, E., Sicotte, N., Dupont, R.M., Bunney, W.E. Regional cerebral glucose metabolic rate in human sleep assessed by positron emission tomography. *Life Science*, 45:1345-1356, 1989.

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17. Gottschalk, L.A., Buchsbaum, M.S., Gillin, J.C., Wu, J., Reynolds, C.A., Herrera, D.B. Positron emission tomographic studies of the relationship of cerebral glucose metabolism and the magnitude of anxiety and hostility experienced during dreaming and waking. *Journal of Neuropsychiatry*, 3:131-142, 1991.
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REM sleep and wakefulness: a positron emission tomography (PET) study. *Sleep*, 18:570-580, 1995..

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Journal articles, other

1. Buchsbaum, M.S., Cappelletti, J., Ball, R., Hazlett, E., King, A.C., Johnson, J., Wu, J., DeLisi, L.E., Holcomb, H.H., Dowling-Zimmerman, S., Kessler, R. PET image measurement in schizophrenia and affective disorders. *Annals of Neurology*, 15 (suppl):KS157-S165, 1984.

2. Wu, J.C., Buchsbaum, M.S., Bunney, W.E. Positron emission tomography of phencyclidine users as a possible drug model of schizophrenia. *Jpn. J. Psychopharmacol*, 11:47-48, 1991.

4. Wu, J.C., Iacono, R., Ayman, M., Salmon, E., Chou, K., Lee, A., Keator, D., Khosla, N. Najafi, A., Fallon, J. Cerebral metabolic correlates of dysphagia in Parkinson's disease.

5. Wu, J.C., Bell, K., Widmark, C., Najafi, A., Fallon, J., Keator, D., Chen, P., Khosla N, Bunney, W. Regional cerebral metabolic correlates of cocaine abstinence (submitted)

CONFERENCE PROCEEDINGS PAPERS, OTHER

1. Bunney, W.E., Bunney, B.G., Wu, J. Schizophrenia: Diagnosis, Course, Neuronal Bases, and Hypotheses in Decade of the Brain: India/USA Research in Mental Health and Neurosciences (National Institute of Mental Health, Rockville, Maryland, editors: Koslow, S.H., Murthy, R.S., Coelho, G.V., 1995).

ABSTRACTS

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2. Buchsbaum, M.S., Wu, J.C., Holcomb, H.H., DeLisi, L.E., Hazlett, E., Ball, R. PET in schizophrenia and affective illness in Society for Neuroscience 13th Annual Meeting Abstracts, 1983.
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5. Wu, J.C., Buchsbaum, M.S., Tang, S.W., Hazlett, E., Ball, R. Acute effects of antidepressants on cerebral glucose metabolism in depression assessed by PET in Neuroscience 16th Annual Meeting Abstracts, 1986.
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7. Vasquez, M., Wu, J.C., Buchsbaum, M. Cerebral glucose metabolic study of generalized anxiety disorder as assessed by PET in Society for Neurosciences 18th Annual Meeting Abstracts, 1988.
8. Wu, J.C., Buchsbaum, M.S., Gillin, J.C. Regional cerebral metabolism of REM and nonREM human sleep as assessed by PET in Society for Neurosciences 18th Annual Meeting Abstracts, 1988.
9. Wu, J.C., Buchsbaum, M.S., Blinder, B.J., Derfler, M., Hagman, J. PET study of bulimic normal differences in American Psychiatric Association 141st Annual Meeting New Research Abstracts, 1988.
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12. Wu, J.C., Buchsbaum, M.S., Gillin, J.C., Hong, C., Lam, M., Herrera, D. Dream phenomenological correlations with regional cerebral glucose metabolism in Association of Professional Sleep Societies Third Annual Meeting, 1989.
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17. Wu, J.C., Potkin, S.G., Ploszaj, D., Lau, V., Telford, J., Richmond, G. Clozapine improves sensory gating more than haldol. New Research 443. American Psychiatric Association 145th Annual Meeting. Washington D.C. May 2-7, 1992.
18. Siegel B.V., Buchsbaum M.S, Wu J.C., Potkin S.G., Bunney W.E. Cortico-striato-thalamic circuits and brain glucose metabolic activity in 70 unmedicated schizophrenic patients. Society for Neuroscience 22nd Annual Meeting, October 25-30, 1992, Anaheim, California.
19. Hong, C.C.H., Gillin J.C., Dow B.M., Wu J., Buchsbaum M.S. Positron emission tomography and eye movements during REM sleep. Society for Neuroscience 23rd Annual Meeting; November 7-12, 1993. Washington D.C.
20. Klein, E.A., Wu, J.C., Gillin, J.C., Buchsbaum, M.S., Bunney, W.E., Brain glucose metabolism in unipolar depression compared with normal controls before and after sleep deprivation as measured by PET FDG. American Psychiatric Association 148th Annual Meeting, May 20-25, 1995. Miami, Florida.
21. Wu, J.C., Khosla, N., Potkin, S.G., Najafi, A., LaCasse, L., Klein, E. FDOPA PET study of dopamine function in schizophrenia. American Psychiatric Association 148th Annual Meeting, May 20-25, 1995. Miami, Florida.

Joseph C. Wu, M.D.

22. Riley, G.D., Maguire, G., Wu, J.C., Klein, E.A., A PET study of developmental stuttering. American Psychiatric Association 148th Annual Meeting, May 20-25, 1995. Miami, Florida.
23. Widmark, C.B., Wu, J.C., Klein, E.A., Bell, K.M. FDOPA uptake differences in cocaine addicts in withdrawal and normal controls. American Psychiatric Association 148th Annual Meeting, May 20-25, 1995. Miami, Florida.
24. Bell, K.M., Widmark, C.B., Wu, J.C., Klein, E.A., LaCasse, L. Brain metabolism of cocaine abusers in middle abstinence. American Psychiatric Association 148th Annual Meeting, May 20-25, 1995. Miami, Florida.
25. Wu, J.C., Bell, K., Klein, E., Widmark, C., Najafi, A., Tang, C., LaCasse, L., Bunney, B., Bunney, W.E. Decreased fdopa uptake in right putamen in PET study of cocaine addicts during acute withdrawal. Society for Neuroscience 25th Annual Meeting, November 11-16, 1995, San Diego, California.
26. Potkin, S., Zborowski, J., Wu, J., Giles, K., Bera, R., Henry, M., Sebree, T., Aurang, C., Wallin, B., Bunney, W. Brain imaging to determine the effects of sertindole in a double-blind, placebo controlled trial in schizophrenic patients. ACNP, December 1995, San Juan, Puerto Rico.
27. Wu, J.C., Maguire, G., Riley, G. PET scan study of stuttering during choral reading. American Speech and Hearing Association (ASHA) convention. December 8, 1995, Orlando, Florida.
28. Wu, J.C. Update on and new knowledge in brain imaging studies in psychiatric diagnoses and treatment, California Psychiatric Association, 9th annual California Premier conference, October 11-13, 1996, Rancho Mirage, California.
28. Wu, J.C., Bell, K., Widmark, C., Najafi, A., Klein, E., Bunney, W.E., Recovery of striatal FDOPA uptake in cocaine addicts during late recovery. Society of Biological Psychiatry Annual Meeting, May 1997, San Diego, California.
29. Wu, J.C., Gillin, J.C., Buchsbaum, M.S., Hong, C., Ho, A., Bunney, W.E., Regional cerebral glucose metabolic studies of REM and NREM sleep in normal controls and depressed subjects as assessed by positron emission tomography. III Pan-Pacific Conference on Brain Topography, April 1-4, 1997, Tokyo, Japan.
30. Wu, J.C., Iacono, R.P., Mohammed, A.S. Unified Parkinson's disease rating scale clinical correlations with ¹⁸F-deoxyglucose positron emission tomography in patients with Idiopathic Parkinson's disease. XIIth International symposium on Parkinson's disease, London, March 23-26, 1997.
31. Cohen, M.J., Haier, R.J., Young, R.R., Wu, J.C., Fallon, J., Alkire, M., Schandler, S.L. Functional imaging of the human spinal-cord injured brain. Third International Conference on Functional Imaging of the Human Brain, Copenhagen, May 1997.

32. Potkin, S.G., Anand, R., Messina, J., Hartman, R., Keator, D., Wu, J.C., Maguire, G., Fleming, K., Dockstader, T., Bunney, W.E. FDG PET: a sensitive quantitative measure Alzheimer's disease progression and brain metabolic effects of ENA. Society of Neuroscience 28th meeting. Los Angeles, California, November 1998.

33. Wu, J.C., Purisch, A., Scaglione, C. FDG PET scan study of traumatic brain injury and correlation with performance on frontal lobe task (Wisconsin card sort). Society of Neuroscience 28th meeting. Los Angeles, California, November 1998.

34. J. Le, E. Salmon, R. Iacono, A. Mohamed, D. Keator, A. Lee, J. Wu. Pet scan studies of Parkinson's disease in the on and off state. Society of Neuroscience 29th meeting. Miami Beach, California, October, 1999.

35. Vawter M, Wu JC, Bunney WE, Kelsoe J Total sleep deprivation effects on transcript expression in peripheral blood from healthy controls and mood disorder patients". American College of Neuropsychopharmacology Meeting, Boca Raton Resort and Club, Dec 9-13, 2007.

36. Wu J, Lilja Y, Schachat C, Vawter M, Fallon M. The effect os sleepiness studied with 18F-FDG High Resolution PET and the Stanford Sleepiness Scale. 15th Annual Meeting, Organization for Human Brain Mapping, San Francisco, CA, June 18-22, 2009.

37. Wu J, Lilja Y. Late Cerebral Changes Due to Carbon Monoxide Intoxication (COI) assessed with positron emission tomography and diffusion tensor imaging (DTI). North American Brain Injury Society's 7th Annual Conference on Brain Injury, Austin, Texas. October 14-17, 2009.

38. Wu, J. "Positron emission tomography (PET) and Diffusion Tensor Imaging (DTI) study of traumatic brain injury (TBI)." North American Brain Injury Society's 8th Annual Conference on Brain Injury, Minneapolis, Minnesota. October 8-9, 2010.

38, Wu, J. "Diffusion tensor imaging (DTI) and positron emission tomography (PET) scan findings and neuropsychological tests in mild traumatic brain injury. International Neuropsychological Society, Boston, Massachusetts. February 2-5, 2011.

39. Wu, J. "The rationale and use of DTI (diffusion tensor imaging) to corroborate brain injury. XXXIInd International Congress on Law and Mental Health. Humboldt University, Berlin, Germany. July 17-23, 2011.

40. Lee, K; Tsai, V; Potkin, S; Wu, J. "High-sensitivity and high specificity of traumatic brain injury diagnostic method using Magnetic Resonance Imaging-Diffusion Tensor Imaging." International Society of Magnetic Resonance in Medicine 20th Annual Meeting, Melbourne, Australia; May 5-11, 2012

41 Keum Sil Lee, Varin Tsai, Steven Potkin, and Joseph Wu. High-sensitivity and High-specificity of Traumatic Brain Injury Diagnostic Method using MRI – DTI. Organization for Human Brain Mapping Conference 2012, June 10-14, Beijing, China, *poster presentation*

42. Shin, K; Butingan, N.;Phan, P; To, V; Wei, A; Chang, E;Wu, J. High-Sensitivity and High-Specificity of Traumatic Brain Injury Diagnostic Method Using Positron Emission Tomography. Society of Biological Psychiatry May 17, 2013 Meeting San Francisco, CA Poster Session 2.

Work in progress, in preparation:

1. Wu, J.C., Gillin, J.C., Buchsbaum, M.S., Cadwell, S., Lottenberg, S., Bunney, W.E. Positron emission tomography studies of sleep deprivation in unipolar depression. In preparation.
2. Wu, J.C., Gillin, J.C., Buchsbaum, M.S., Cadwell, S., Lottenberg, S., Bunney, W.E. Positron emission tomography studies of relapse vs antidepressant response to recovery sleep after sleep deprivation in unipolar depression. In preparation.
3. Wu J.C., Cadwell S., Chen S., Tang C., Gillin J.C., Buchsbaum M.S., Bunney W.E. Magnetic resonance imaging abnormalities in thalamus and striatum in unipolar depression. In preparation.
4. Bell, K., Wu, J.C., Widmark, C., Keator, LaCasse, L., Klein, E., Fallon, J., Bunney, W.E. Regional glucose metabolic change with abstinence from chronic cocaine use. In preparation.
5. Cohen, M., Wu, J.C., Vulpe, M., Schendler, S. Regional glucose metabolic change in quadraplegia and paraplegia. In preparation.
6. Potkin, S., Wu, J.C., Bunney, W.E., Presynaptic dopamine change in schizophrenia. In preparation.
7. Wu, J.C, Gillin, J.C., Buchsbaum, M.S., Bunney, W.E. Presynaptic dopamine change in normal controls after sleep deprivation.

DOCTORAL DISSERTATION COMMITTEES

1. C. Mike Davis, "Ampakines enhance memory in rats and humans," February 26, 1996

Joseph C. Wu, M.D.

2. Matt Adams "The production and investigation of an electron-positron plasma in the laboratory," May 3, 1996
3. Matthew Turner, *Cognitive Science*, June 13, 2007

MEDIA COVERAGE

1. Science magazine, 261:557-558, 30 July 1993.
2. "UCI Scientists Link Stuttering to Brain Area" in Los Angeles Times, p. A1, A23 on Sunday, March 5, 1995.
3. MS-NBC televised segment "Special edition" on September 17, 1999.
4. Orange County Register, Sunday newspaper, front page coverage on 8/1/99.
5. Scientific American, October 1999 issue in News and Analysis section.
6. San Jose Mercury News. June 3, 2000. Brain scan in slayings abnormalities set for Yosemite defendant.
7. www.courttv.com Florida vs. Couey 3/13/07
8. Science NewsFocus "Is internal timing key to mental health" 317:1488-1490, September 14, 2007.

Susan M. Skolly-Danziger, Pharm.D, MS, CPh, *DABAT

*Diplomate of the American Board of Applied Toxicology

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EXPERTISE: FORENSIC TOXICOLOGY

Focused on DUI and effects of drugs on memory, behavior and performance

DUI: Alcohol or drugs

Drugs of Abuse testing/analysis

Effects of drugs on memory, behavior and performance

Medication Interactions/overdoses

BOARD CERTIFICATIONS:

*Diplomate: American Board of Applied Toxicology (DABAT), 1996 / Recertified September 2005 & September 2010

LICENSURE:

Illinois, Pharmacist: 51-33333

Florida, Pharmacist: PS-0019844

Florida, Consultant Pharmacist 2008: PU-6335

TRAINING AND EDUCATION:

MS in Drug Chemistry – Dec. 2012

University of Florida, College of Pharmacy

Gainesville, Florida

GPA: 4.0 of 4-point maximum

MS in Forensic Toxicology – Dec. 2008

University of Florida, College of Veterinary Medicine

Gainesville, Florida

GPA: 4.0 of 4-point maximum

Doctor of Pharmacy Degree with Highest Honors - 1993

Nova-Southeastern University, College of Pharmacy

Fort Lauderdale, Florida

GPA: 3.92 of 4-point maximum

Bachelor Degree in Pharmaceutical Sciences - 1980
With Highest Distinction, University of Iowa (Magna cum Laude)
College of Pharmacy; Iowa City, Iowa
GPA: 3.76 of 4-point maximum

Hospital Pharmacy Residency in General Medicine - 1980-81
Northwestern University, Northwestern Memorial Hospital
Chicago, Illinois; ASHP-accredited; General Medicine

Director of Pharmacy
Promise Hospital at the Villages
Oxford, Florida - Current

Forensic Chromatography/Headspace Gas
Chromatography Course; American Chemical Society
Chicago, Illinois, August 2013

Gas Chromatography:
Fundamentals, Troubleshooting and Method Development; American Chemical Society, March 2013

Immunization training and certification (State of Florida, Dept of Health); August 2009

Consultant Pharmacy training in Geriatric Pharmaceutical Care: April/May 2008
Preceptor: Consultant Pharmacist- Andrew Loccisano, CPh (Omnicare)

NLM Toxline / ChemID Toxicology Database Search Training
Certification, Rockville, Maryland; 1997

Advanced Cardiac Life Support (ACLS) Training
Certification; 1992, 1998, 2011

CURRENT POSITION:

Clinical Pharmacist, Promise Hospital of Florida
Oxford, Florida (The Villages)
July 2011 to current

PROFESSIONAL EXPERIENCE:

Medical Science Liaison - CNS
The Medical Affairs Company, Atlanta, GA
February 2011 to May 2011

Medical Science Liaison - Hematology/Nephrology

ZymoGenetics, Seattle, WA

October 2010 to February 2011

Medical Science Liaison - Pain Management

Adolor Corporation, Exton, PA

July 2009 to October 2010

Medical Affairs Consultant - Alzheimer's disease

Myriad Genetics, Inc., Salt Lake City, UT

May 2008 to November 2008

Medical Liaison - Hematology/Nephrology

Roche Pharmaceuticals, Medical Affairs, Nutley, NJ

October 2006 to January 2008

Senior Medical Liaison - CNS

Sepracor, Inc.; Medical Affairs, Marlborough, MA

November 2003 to October 2006

Medical Science Liaison - Psychiatry & Nephrology

Shire US Inc.; Research and Development, Newport, KY

January 2003 to November 2003

Regional Medical Scientist - Anti-infectives/Gastroenterology/Metabolic/Neuroscience/Psychiatry

GlaxoWellcome Research and Development

Research Triangle Park, North Carolina

November 1999 to January 2003

Director, Central Pennsylvania Poison Center

PennState University Hospital

The Milton S. Hershey Medical Center

Hershey, PA; 1997 to January 2000

Pharmacy Clerkship Instructor for Pharmacy Practice Experience:

-University of the Sciences in Philadelphia (USP), Philadelphia, PA; 1998 to May 2000

-University of Maryland College of Pharmacy Baltimore, Maryland; 1999 to May 2000

-University of Pittsburgh School of Pharmacy Pittsburgh, PA; 1999 to May 2000

-Wilkes University School of Pharmacy, Scranton, PA; 1999 to May 2000

-Duquesne University, Mylan School of Pharmacy Pittsburgh, PA; 1999 to May 2000

Poison Information Specialist

Cardinal Glennon Poison Center
Cardinal Glennon Children's Hospital
St. Louis, Missouri; March 1997 to December 1997

Assistant Director, University of Miami/Jackson Memorial Poison Information Center

Bowman Center, Miami Children's Hospital
Miami, Florida; 1994 to 1996

Pharmacy Clinical Coordinator

Palm Beach Regional Hospital
Lake Worth, Florida; 1987 to 1994

Registered Assistant Manager / Pharmacist

Gray Drug, Inc.
Lake Worth, Florida; 1986 to 1987

Clinical Pharmacist

Specialty Practice Areas:
Neuro-Critical Care/Surgery, Thoracic, ENT and Orthopedic Surgery
Cook County Hospital, Chicago, Illinois; 1981 to 1986

HONORS AND AWARDS:

Grant award for Poison Center Education and Public Awareness Campaign
Emergency Health Services Federation (EHSF), INC, New Cumberland, PA; 1999

Pharmacist of the Year Award; American Society of Health-System Pharmacists; 1994

Outstanding Regional Society President Award
Florida Society of Health-System Pharmacists; 1993

Rho Chi Honors Society; Delta Chapter
University of Iowa, College of Pharmacy; 1980

Outstanding Academic Performance Award
University of Iowa, College of Pharmacy; 1980

Omicron Delta Kappa (ODK) Honorship Leadership Society, Iota Circle
University of Iowa, College of Pharmacy; 1978

Mortar Board Pharmacy Honors Society
University of Iowa, College of Pharmacy; 1977

PROFESSIONAL AFFILIATIONS AND ACTIVITIES:

Member, American Academy of Clinical Toxicology, Inc. (AACT); 1992 to present

Member, American Board of Applied Toxicology; 1996 to present

Member, Florida Society of Health-System Pharmacists (FSHP)

PRESENTATIONS:

GAS CHROMATOGRAPHY-MASS SPECTROSCOPY / EXTRACTION METHODS FOR COMMON DRUGS OF ABUSE

CE Program for Chemists and Laboratory Technicians; One Source Toxicology Lab (HHS/SAMHSA certified Lab), Pasadena, Texas; July 27, 2012

HOW CAN A TOXICOLOGIST ASSIST WITH STRATEGIES FOR LEGAL DEFENSE?

Seminole County Florida Public Defenders, Orlando, FL; January 28, 2011

HOW CAN A TOXICOLOGIST ASSIST WITH STRATEGIES FOR LEGAL DEFENSE?

Orange County Florida Public Defenders, Orlando, FL; April 9, 2009

PHARMACY CSI AS IT APPLIES TO DRUG THERAPEUTIC MONITORING

12th Annual Pharmacy Expo Continuing Education Program for Pharmacists, Orlando, FL; December 2007

A CLOSER LOOK AT DRUGS OF ABUSE: WHAT YOUR MEDICINAL CHEMISTRY INSTRUCTOR NEVER TOLD YOU!

12th Annual Pharmacy Expo Continuing Education Program for Pharmacists, Boca Raton, FL; October 2007
& Orlando, FL; December 2007

ESZOPICLONE TREATMENT DURING MENOPAUSAL TRANSITION: SLEEP EFFECTS, IMPACT ON MENOPAUSAL SYMPTOMS AND MOOD

28th Southern Sleep Society Meeting
Sanibel Island, FL; April 2006

INTERPRETING EVIDENCE IN RESEARCH PAPERS, LECTURES, AND PHARMACEUTICAL COMPANIES SALES, AIDS...HOW DO YOU KNOW WHEN YOU HAVE BEEN MISLED?

Pharmacy Expo 2005; Continuing Education Program for Pharmacists
Fort Lauderdale, FL; October 2005

CURRENT CONCEPTS IN SLEEP

Continuing Education Meeting: Palm Beach Society of HealthCare Pharmacists, Palm Beach Gardens, FL
April 2005

CONSISTENCY OF PATIENT-REPORTED MEASURES OF EFFICACY AND NEXT DAY FUNCTION OF
ESZOPICLONE IN ADULTS WITH CHRONIC INSOMNIA TREATED WITH ESZOPICLONE 3 MG

27th Southern Sleep Society Meeting, New Orleans, LA; April 2005

SLEEP MEDICINE UPDATE

Continuing Education Meeting: Wake and Orange County Pharmacy Association
Raleigh, NC; February 2005

NEW FRONTIERS IN THE TREATMENT OF CHRONIC INSOMNIA

Annual Meeting of South Carolina Psychiatric Association
Charleston, SC; February 2005

CURRENT CONCEPTS IN SLEEP

Pharmacy Expo 2004; Continuing Education Program for Pharmacists
Fort Lauderdale, FL; December 2004

INSOMNIA: NEW INSIGHTS INTO AN OLD PROBLEM

Georgia Academy of Family Physicians 56th Annual Scientific Assembly
Atlanta, GA; November 2004

ADVANCES IN SLEEP MEDICINE

Columbia, SC Psychiatric Society Meeting
Columbia, SC; October 2004

PSYCHIATRIC CO-MORBIDITY OF INSOMNIA

University of Florida, Department of Psychiatry
Gainesville, FL; August 2004

INSOMNIA UPDATE

Eastern Carolina University, Department of Psychiatry
Greenville, NC; July 2004

CAREER CHOICES IN THE PHARMACEUTICAL INDUSTRY

Nova Southeastern University of the Health Sciences
Ft. Lauderdale, FL; April 2004

DEPRESSION IN THE ELDERLY

Pharmacy Expo 2003; Continuing Education Program for Pharmacists
Continuing Education Program for Pharmacists
Ft. Lauderdale, FL; December 2003

ADULT ADHD

Pharmacy Expo 2003; Continuing Education Program for Pharmacists
Continuing Education Program for Pharmacists
Ft. Lauderdale, FL; December 2003

NEW TREATMENTS FOR HYPERPHOSPHATEMIA

National Kidney Foundation Annual Meeting
Dallas, TX; April 2003

DEPRESSION IN THE ELDERLY

Psychiatry Grand Rounds
University of Miami; Dept. of Behavioral Medicine
Miami, FL; December 2002

NEUROTRANSMITTERS IN THE TREATMENT OF DEPRESSION

Psychiatry Grand Rounds
Veterans Administration Medical Center (VAMC), Miami, FL; March 2002

THE ROLE OF NEUROTRANSMITTERS IN THE TREATMENT OF DEPRESSION

American Lung Association of Florida, 9Th Annual Pulmonary Symposium
Tallahassee, FL; March 2002

MIGRAINE UPDATE

Pharmacy Expo - 2001
Continuing Education Program for Pharmacists
Ft. Lauderdale, FL; December 2001

ADVANCES IN THE TREATMENT OF MIGRAINE

Palm Beach Society of Health-System Pharmacists
Continuing Education Program for Pharmacists
West Palm Beach, FL; May 2001

BUPROPION SR UPDATE 2001

Southern Gulf Society of Health-System Pharmacists
Continuing Education Program for Pharmacists
Cape Coral, FL; February 2001

MEDICAL ADVANCES IN THE TREATMENT OF IRRITABLE BOWEL SYNDROME

CE Program for Alabama Pharmacy Association
Samford University, Birmingham, AL; October 2000

ETIOLOGY AND TREATMENT OF IRRITABLE BOWEL SYNDROME

CE Program for BCBS of Alabama - member nurses and Pharmacists
Birmingham, AL; May 2000

ADVANCES IN THE TREATMENT OF IRRITABLE BOWEL SYNDROME

Florida Academy of Physicians Assistants

Annual Meeting Continuing Education Symposium; Orlando, FL; February 2000

THE VALUE OF MEDICINES

Outreach Program providing information on economics and benefits of Medicines

Lancaster League of Women's Voters / Hershey Lion's Club

Lancaster / Hershey, PA; February 2000

AMERICA'S FAVORITE POISONS -- YEAR 1998

Continuing Education Program for Pharmacists

The Southeastern Chapter of Pennsylvania Society of Health-System Pharmacists

Harrisburg, PA; December 1999

CALCIUM CHANNEL BLOCKER TOXICITY

Center for Emergency Medicine

Continuing Education Meeting for Physicians, Medical residents, & Pharm.D.'s

Hershey Medical Center, Hershey, PA; August 1999

THE POISON CENTER ENHANCEMENT AND AWARENESS ACT OF 1999

House of Representatives - Pennsylvania Delegation

Washington, DC; August 1999

CURRENT TRENDS IN POISONING AND OVERDOSE

St. Joseph Hospital, Department of Emergency Medicine

Physician's Continuing Education Meeting

Lancaster, PA; July 1999

POISON AWARENESS / SENATE BILL 632 & HOUSE BILL 1221

Poison Center Summer Benefit Concert, Nissley Vineyards

Bainbridge, PA; July 1999

PREVENTION AND TREATMENT OF COMMON HOUSEHOLD PLANT INGESTION

Women and Children's Health Education Council

Lancaster General Hospital

Lancaster, PA; April 1999

MERCURY, ARSENIC, AND LEAD POISONING

Society of Women Environmental Professionals Conference

Penn State Geisinger Health System

Hershey, PA, March 1999

OVERDOSES & TOXICOLOGY FOR EMS

Berwyn Fire Company Educational Forum

Berwyn, PA; February 1999

TRENDS IN POISON CONTROL MANAGEMENT

Prehospital Services, Penn State Health System
Hershey, Pennsylvania; November 1998

POISON CONTROL

Pennsylvania Association for Medical Transcription
Hanisburg, Pennsylvania; April 1998

MARINE TOXICOLOGY: STINGS AND ENVENOMATIONS

XVII International Congress of the European Association
of Poison Centres and Clinical Toxicologists
Marseille, France; June 1996

THE PEDIATRIC POPULATION - TARGETS FOR TOXICITY

3rd Annual Miami Children's Hospital / Pediatric Trauma Conference
Miami Children's Hospital; Miami, Florida; December 1995

TRENDS IN POISONING EXPOSURES & FATALITIES

"AMERICA'S FAVORITE POISONS"
Florida Rural Health Association Annual Meeting
Orlando, Florida; October 1995

TRENDS IN POISONING EXPOSURES & FATALITIES

"AMERICA'S FAVORITE POISONS"
Lower Florida Keys Hospital Annual Meeting
Key West, Florida, October 1995

HAZARDOUS MATERIALS PHARMACOLOGY

University of Miami School of Medicine
Medical Training and Simulation Laboratory
Miami, Florida; Fall/Spring Seminars, 1995

POISONING IN THE 90's

Association of Public Safety Communications Officials International, Inc. (APCO)
1995 National Meeting Ft. Myers, Florida; April 1995

HAZARDOUS CHEMICALS AND SAFETY FOR JEWELERS

Luria's Department Store, Miami Lakes, Florida; February 1995

POISONING IN THE 90's

Presented at the US Army Recruiting Battalion Annual Training
Conference and Health Fair
Miami, Florida; December 1994

TOXICOLOGY LECTURE SERIES: COMMON DRUGS OF ABUSE & FLORIDA'S NATURAL POISONS

Presented at the Federation of Osteopathic
Medical Association Annual Meeting
Jupiter, Florida; December 1994

THE TOP TEN MOST LETHAL POISONS

Grand Rounds, Charter Hospital of the Palm Beaches
West Palm Beach, FL; July 1994

HOMEOPATHIC MEDICATIONS: DANGEROUS OR DANGER-LESS?

Presented at the Florida Society of Hospital Pharmacist's
1994 Annual Meeting, Orlando, Florida; August 1994

MANAGEMENT AND PREVENTION OF HOME POISONINGS

Community Education Program Series
The Jewish Community Center (JCC)
West Palm Beach, Florida; 1993 - 1994 programs

TALKING ABOUT MEDICATION WITH YOUR DOCTOR

Community Program, sponsored by Palm Beach Regional Hospital
Lake Worth, Florida; September 1993

EMERGENCY MANAGEMENT OF TRICYCLIC ANTIDEPRESSANT OVERDOSES

Grand Rounds, Palm Beach Regional Hospital
Lake Worth, Florida; August 1993

APPROVED AND UNAPPROVED USES FOR INTRAVENOUS IMMUNOGLOBULIN (IGIV)

Bay Pines Veterans Administration Medical Center
Bay Pines, Florida; August 1992

CYCLOSPORINE THERAPY IN THE TREATMENT OF CHRONIC VIRAL MYOCARDITIS

Bay Pines Veterans Administration Medical Center
Bay Pines, Florida; July 1992

THE COMBINED USE OF INSULIN AND SULFONYLUREAS IN TYPE II DIABETICS

Bay Pines Veterans Administration Medical Center
Bay Pines, Florida; June 1992

BETA BLOCKERS FOR THE TREATMENT OF DIASTOLIC DYSFUNCTION

Boca Raton Community Hospital
Boca Raton, Florida; May 1992

CONGESTIVE HEART FAILURE - PHARMACOLOGIC INTERVENTIONS

Pharmacy Corporation of America (PCA)
Boynton Beach, Florida; March 1992

HEMODYNAMIC BLOOD PRESSURE MONITORING USING A RIGHT HEART FLOTATION CATHETER;
A DISCUSSION FOR PHARMACISTS

Miami Heart Institute, Miami Beach, Florida; January 1992

CANCER CHEMOTHERAPY

Nursing In-service Lectures, Palm Beach Regional and Good Samaritan Hospitals
West Palm Beach, Florida; 1990 - 1993

NEW DRUGS APPROVED IN THE LAST 2 YEARS

Palm Beach Community College - Central and North Campuses
West Palm Beach, Florida; 1988 - 1991

MEDICATIONS AND THE OSTOMY PATIENT

Palm Beach County Chapter of the United Ostomy Association, Lake Worth, Florida 1988

MEDICATIONS AND INTERACTIONS WITH FOOD, VITAMINS, AND OTHER DRUGS

American Lung Association of Southeast Florida
West Palm Beach, Florida; 1988

COCAINE ABUSE - LECTURE SERIES (3)

Palm Beach County Public Fire & Safety
West Palm Beach, Florida; 1986 - 1988

THE TREATMENT OF HUMAN BITE WOUNDS

Cook County Hospital, Grand Rounds
Chicago, Illinois; 1986

THE TREATMENT OF TUBERCULOSIS MENINGITIS

Grand Rounds, Department of Neurosurgery
University of Illinois; Chicago, Illinois; 1986

NEUROSURGERY MEDICATIONS

Cook County School of Nursing
Chicago, Illinois; 1981 - 1986

PUBLICATIONS:

Anderson AJ, **Skolly SM**, Maier G: Evaluation of a Pharmacokinetic Interaction between Eszopiclone and Ketoconazole,
Poster presented at 2005 American College of Clinical Pharmacy (ACCP) Spring Practice and Research
Forum Myrtle Beach, South Carolina, April 10-11, 2005

Anderson AJ, **Skolly SM**, Maier G: Evaluation of a Pharmacokinetic Interaction between Eszopiclone and Digoxin,
Poster presented at 2004 American Society of Health System Pharmacists (ASHP), Orange Country
Convention Center Orlando, FL, December 5-9, 2004

Roth T, Krystal A, Walsh J, Wessel, TC, Roehrs TA, Caron J, **Skolly SM**: Twelve Months of Nightly Eszopiclone
Treatment in Patients with Chronic Insomnia: Assessment of Long-Term Efficacy and Safety,
Poster presented at 2004 Annual Meeting of the American College of Clinical Pharmacy, Dallas, TX,
October 24-27, 2004.

Skolly SM, Niewoehner J, Maier G: Pharmacokinetic and Pharmacodynamic Interaction of Eszopiclone and Paroxetine in
Healthy Subjects,
Poster presented at 2004 Annual Meeting of the American College of Clinical Pharmacy, Dallas, TX,
October 24-27, 2004.

Lizarralde SM: 1998 Annual Report for the Central Pennsylvania Poison Center, PennState
Geisinger Health System, Brose Publishing, Palmyra, PA 1999.

Lizarralde SM: Toxic Tips: Nuclear, Biological, and Chemical Weapons of Mass Destruction –
Role of Poison Centers, EHSF Dispatch Winter 1999, 16-19.

Lizarralde SM: Toxic Tips: The Poison Center Enhancement and Awareness Act of 1999,
EHSF Dispatch Summer 1999, 20-22.

Lizarralde SM: Toxic Tips: Inhalant Abuse, EHSF Dispatch Spring 1999, 24-26.

Lizarralde SM: Toxic tips: Beware of airborne poisons from heating sources, EHSF Dispatch Winter 1999, 23.

Lizarralde SM: Focus on The Central PA Poison Center, EHSF Dispatch Winter 1999, 27.

Lizarralde SM: 1997 Annual Report for the Central Pennsylvania Poison Center, PennState
Geisinger Health System, Brose Publishing, Palmyra, PA 1998.

Lizarralde SM, Weisman RS, Thompson VT: Food poisoning (part 2), Florida Pharmacy Today 60(7): 22-23, 1996.

Lizarralde SM, Weisman RS, Thompson VT: Food poisoning (part 1), Florida Pharmacy Today 60(6): 22-23, 29, 1996

Lizarralde SM, Weisman RS: The patient with a cough and sore throat: could it be an Occupational exposure? Florida Pharmacy Today 60(2): 18-19, 1996.

Weisman RS, **Lizarralde SM**, Thompson VT: Snake and spider antivenin: risks and benefits of therapy, J Florida M.A. 83(3):192-95, 1996.

Lizarralde SM et al: Jewelers. In Greenberg M, Hamilton RJ, Phillips SD, editors: Occupational, industrial, and environmental toxicology, ed 1, St. Louis, 1997, Mosby-Year Book, Inc.

Skolly SM: Pretreatment of adverse reactions to radiographic contrast media. Hosp Pharm 21:312-326, 1986.

Skolly SM: Auranofin: a new dosage form of systemic gold. Illinois Pharm 10-12, 1995.

Skolly SM: Sufentanil citrate injection. Pharmacy Newsletter-Cook County Hosp 8-10, 1985