



CURRICULUM VITA

JONATHAN JOSEPH LIPMAN, Ph.D., MIBiol., FACN

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DATE AND PLACE OF BIRTH: March 22, 1952
Leeds, England (Naturalized USA)

MARITAL STATUS: Single

EDUCATION

High School	Allerton Grange School, Leeds, England General Certificates of Education, June 1970
Undergraduate:	Kitson College of Science, Leeds, England Advanced Level Certificates of Education, June 1972
Graduate:	The Hatfield Polytechnic, Hertfordshire, England B.Sc. (Honours) Applied Biology 1972 -, 1976
Postgraduate:	The University of Wales Institute of Science and Technology (UWIST), Cardiff, Wales Ph.D. (Neuropharmacology) September 1976 - December 1979

REGISTRATION / CERTIFICATION:

Credentialed Practitioner: Diplomate of the American Academy of Pain Management (recertified October 2008)

Board Certification: Fellow and Diplomate, American Board of Medical Psychotherapists & Psychodiagnosticians

Board Certification: In nutrition, Certification Board for Nutrition Specialists [recertified July 2006]

Board Certification: Diplomate of the American Board of Forensic Examiners

Board Certification: Diplomate of the American Board of Forensic Medicine

Board Certification: American Board of Psychological Specialties: Psychopharmacology board

Board Certification: American Board of Psychological Specialties: Substance Abuse board

Board Certification: Senior Disability Analyst and Diplomate of the American Board of Disability Analysts

Registered Biomedical Scientist, England #BS17189

Registered: National Registry of Certified Pain Practitioners (in Neuropharmacology)

US National Provider Identifier: 1003981218

SOCIETY MEMBERSHIPS (CURRENT*):

- 1978 International Narcotics Research Conference, Member
- 1979* Institute of Biology (U.K.), Member, Chartered Biologist
- 1980* American Assoc. for the Advancement of Science, Member
- 1981 National Society for Medical Research, Member
- 1981* Society for Neuroscience, Member
- 1981* International Brain Research Organization, Member
- 1984 Institute for the Advancement of Health, Member
- 1984 New York Academy of Sciences, Member
- 1985 International Society for Toxinology, Member
- 1986 American Institute of Chemistry, Member
- 1987* International Association for the Study of Pain, Member
- 1987* American College of Nutrition, Fellow (recertified 2003)
- 1994* American College of Forensic Examiners, Fellow & Diplomate
- 1996* American Board of Forensic Medicine, Diplomate
- 1997* American Board of Psychological Specialties, Diplomate

PROFESSIONAL EXPERIENCE:

- | | |
|--------------|---|
| 5/74 - 10/75 | Institute of Neurology
Department of Neurosurgical Studies, National Hospital
for Nervous Diseases, Queen Square, London, England |
| 9/76 - 1/80 | Research Associate and Instructor
The Welsh School of Pharmacy, The University of Wales
Institute of Science and Technology, Cardiff, Wales |
| 2/80 - 9/83 | Research Associate
Departments of Anesthesiology and Biochemistry and
U.T. Pain Clinic, University of Tennessee Center for
Health Sciences, Memphis, Tennessee |
| 9/83 - 7/93 | Research Instructor
Department of Surgery, Vanderbilt University School of
Medicine, Nashville, Tennessee |
| 9/84 - 6/88 | Research Instructor
Department of Medicine, Vanderbilt University School
of Medicine, Nashville, Tennessee |

6/88 - 7/93	Research Assistant Professor Departments of Medicine and Psychology (adjunct), Vanderbilt University School of Medicine, Nashville, Tennessee
7/93 - 3/94	Group Leader, Pharmacology Molecular Geriatrics Corp.101 Carriage Point, Suite 970 Lake Bluff, IL 60044
10/94 -2007	Senior Vice President, R & D, Medical Toolworks, Inc. Northwestern University / Evanston Research Park, 820 Davis Street, Suite 131, Evanston, IL 60201
1/97-2007	President and CEO Neuroscience Toolworks Inc. Northwestern University / Evanston Research Park, 820 Davis Street, Suite 131, Evanston, IL 60201
9/01 – Present	Associate Clinical Professor of Psychiatry and Behavioral Science, Quillen College of Medicine, East Tennessee State University, Johnson City, Tennessee.
2007, 2008	Continuing Medical Education committee: Symposium on Controversies in Pain Management, East Tennessee State University, Johnson City, TN

CONSULTANTSHIPS/PROFESSIONAL AFFILIATION HISTORY (CURRENT*):

*Chairman:	Organizing committee: <i>Controversies in Pain Management Seminar Series</i> . East Tennessee State University, Office of Continuing Medical Education
*Organizing Committee:	Controversies in Pain Management Seminar Series East Tennessee State University, Office of Continuing Medical Education (2006-2007)
*Consultant:	American Academy of Pain Management Pain Clinic Accreditation/Site Visit Team
*Board Member:	Executive Board of Scientific and Technical Advisers (1998-present). American Board of Forensic Examiners, Springfield, Missouri. Chair Emeritus of the Executive Board of Scientific and Technical Advisers (2002-4 term), ABFE board member 2005-2007
Director	Toxicology Section, American College of Forensic Examiners
Consultant:	U.S. Department of Health & Human Services, Public Health Service, National Institute on Drug Abuse

Consultant: In analgesic drugs; to Boehringer Ingleheim Sohn, Ingleheim-am-Rhine, West Germany.

Investigator: Cathinone (KHAT) project; to the World Health Organization, Pharmacology Department, Vienna, Austria.

Research Collaborator Consultant to the Program in Kidney Disease, School of Medicine, UCLA, Los Angeles, California.

Research Collaborator Division of Nuclear Medicine, Brookhaven National Laboratory, Upton, Long Island, New York. [I.D.: L 5106]

Lecturer on Alcohol and Drugs, National Defender Investigator Association Southeast Regional Conference.

Principal Investigator: Dietary Modification of Uremic Encephalopathy (Center in Nutrition Research Unit/NIH / VUMC)

Principal Investigator: Aluminum Toxicity in Uremia (Center in Molecular Toxicology/NIH/VUMC.

Preceptor: Diabetes Research and Training Center, Vanderbilt University Medical School, Nashville, Tennessee.

Chief Investigator: Vanderbilt University Clinical Research Center; Heatbeam Dolorimetry for Assessment of Pain.(GCRC Project #357).

Investigator: Research Service in Brain Research Veterans' Administration Hospital Nashville, Tennessee.

Reviewer: NIH / National Center for Complementary and Alternative Medicine (2003 and 2004)

PATENTS:

Heatbeam Dolorimeter for Pain and Sensory Evaluation, US 5,941,833, Issued Aug 24, 1999
 Improved Heatbeam Dolorimeter US 6,248,079 issued June 19, 2001
 Comprehensive pain assessment systems and methods, US20020052562, May 2, 2002

CONTINUING EDUCATION (selected):

Refresher Course on Pain Management, IASP, Hamburg, Germany, August 1987
 American College of Nutrition, New Orleans, 1987
 American Academy of Forensic Sciences, New Orleans, February 1992
 Clinical & Advanced Clinical EEG. American EEG Society, Washington, DC, Sept. 1995
 Forensic Issues in Pain Management, Rehabilitation Institute of Chicago, October 1995
 Advances in Clinical Nutrition, American College of Nutrition, New York, Sept. 1997
 American College of Forensic Examiners, National Academy, San Diego, December 1996; San Diego, Dec. 1997; Naples, FL Oct.1998; New York, NY, Oct-Nov, 1999; Las Vegas NV, Oct 2000; Scottsdale AZ Oct 2003.
 Amer. Acad. Clinical. Neuropsychology Workshop, Northwestern University, Oct 2000
 American College of Forensic Examiners, continuing education (annual) 2003-2005

PEER-REVIEWED RESEARCH GRANT HISTORY:

- 1986-1987 Dietary Modification of Uremic Encephalopathy
FROM: Vanderbilt University Center in Nutrition Research Unit - NIH
- 1987-1988 A Rodent Model of Aluminum Encephalopathy
FROM: Biomedical Research Support Grant - NIH
- 1987-1988 The Effect of Aluminum On Regional Cerebral Glucose Incorporation
Research Training Grant: Recipient Stephan Tolchard, Bristol Polytechnic (UK)
PI/Research Director: J.J. Lipman, Ph.D.
- 1987-1990 Studies on the Modulation of Uremic Encephalopathy
FROM: Dialysis Clinics Incorporated
- 1987-1988 Aluminum Neurotoxicity in Uremia
FROM: Vanderbilt University Center in Molecular Toxicology - NIH
- 1987-1990 Autotomy, Neuroma and Central Pain Models
FROM: Veteran's Administration, Nashville, TN VAMC, PI: B. Blumenkopf,
MD (Co-I: J.J. Lipman, Ph.D., 10% effort)
- 1988-1989 The Effect of Dietary Modification on the Quantitative Electro - encephalogram
and Development of Uremia in Juvenile and Adult Rats. Research Training
Grant: Recipient Deborah L. White, Bristol Polytechnic, UK (Awarded the 1989
Young Investigator Award of the American College of Nutrition)
- 1995-1999 A Computerized Heatbeam Dolorimeter [PHASE I and II] FROM: US Public
Health Service/NIH (SBIR), National Institute for Neurological Diseases and
Stroke. P.I. J.J.Lipman PhD
- 2000-2004 Heatbeam Dolorimeter Commercialization, State of Illinois, Department of
Commerce and Community Affairs, PI J.J. Lipman PhD
- 2001-2004 Computerized Pain Assessment Tool (ComPAT) Research and Development
contract from the SBIR / NIH / NINDS - Phase I and II. P.I.: J.J.Lipman PhD

- PUBLICATIONS -

1. Basic Drug Research

A. Peer Reviewed Journals / Publications

Lipman JJ and Spencer PSJ. Clonidine and opiate withdrawal. Lancet 11:521, 1978.

Lipman JJ and Spencer PSJ. Further evidence for a central site of action for the
antinociceptive effect of clonidine-like drugs. Neuropharmacology
18:731-733, 1979.

Lipman JJ and Spencer PSJ. An examination of tolerance to the antinociceptive effects Of clonidine, morphine and their combination in the mouse tail immersion test. In: Way EL (ed.). Endogenous and Exogenous Opiate Agonists and Antagonists. London: Pergamon Press, pp. 197-200, 1979.

Lipman JJ and Spencer PSJ. A new rapid technique for intracerebroventricular administration of agents in the conscious mouse. Journal of Pharmacological Methods 4:327-333, 1980.

Lipman JJ and Spencer PSJ. A comparison of muscarinic cholinergic involvement in the antinociceptive effects of morphine and clonidine in the mouse. European Journal of Pharmacology 64:249-258, 1980.

Lipman JJ, Miller BE, Karkera S, Winfield RC, North WC and Byrne WL. Morphine tolerance is associated with elevated levels of an uncharacterized endorphin (peak B) in mouse brain with no change in 3H-dihydromorphine binding. Life Sciences 33(1):373-376, 1983.

Lipman JJ, Tolchard S. Separate and Combined Effects of Morphine and Amphetamine on the Quantitative Electroencephalogram and Regional Cerebral Glucose Uptake in a Rat Model., Neuropsychobiology 23:89-98, 1990.

B. Book Chapters

Lipman JJ, Neurotoxic Actions on Mammalian Nerve Impulse Conduction: Chapter 37 In Colowick and Kaplan's Methods in Enzymology. Vol. 165, Microbial Toxins. Harshman, S. (ed.) Academic Press, New York, pp. 254-269, 1988.

C. Abstracts Presented at Meetings

Blumenkopf B and **Lipman JJ**. Autotomy I: Evidence supporting its being a behavioral response to nociceptive afference. American Association of Neurological Surgeons, 5/1990, Nashville, TN.

2. Human Pain and Addiction States

A. Journal Articles

Mays KS, Schnapp M, North WC, **Lipman JJ** and Yodlowski E. Morphine peripheral perineural injection in chronic pain syndromes. In: Rizzi R (ed). Proceedings of the International Postgraduate Course in Pain Therapy. Italian Ministry of Health (publishers), 1981.

Lipman JJ, Miller BE, Mays KS, North WC, Karkera S and Byrne WL. CSF endorphin levels in chronic pain patients and in patients before and after a placebo pain relief. In: *Advances in Endogenous and Exogenous Opioids*. Kodansha Press, Japan, pp.315-317, 1983.

- Mays KS, **Lipman JJ** and Schnapp M. Local analgesia without anesthesia using peripheral perineural morphine injections. Anesthesia and Analgesia 66:417-420, 1987.
- Lipman JJ**, Blumenkopf B. Comparison of Subjective and Objective Analgesic Effects of Intravenous and Intrathecal Morphine in Chronic Pain patients by Heat Beam Dolorimetry. Pain 39:249-256, 1989.
- Lipman JJ**, Miller BE, Mays KS, Miller MN, North WC and Byrne, WL. Peak "B" Endorphin Concentration in Cerebrospinal Fluid: Reduced in Chronic Pain Patients and Increased During the Placebo Response. Psychopharmacology 109 (1) 112-116, 1990.
- Lipman JJ**, Blumenkopf B, Lawrence PL. Normal and Radiculopathic Cutaneous Pain Tolerance Levels Evaluated By Heat-Beam Dolorimetry. J. Neurosurgery 72:883-888, 1990.
- Lipman JJ**, Blumenkopf B, Parris WCV: Chronic Pain Assessment Using Heat-Beam Dolorimetry. Pain 30:59-67, 1987
- Miller BE, **Lipman JJ**, Byrne WL: Partial Characterization of a Novel Endogenous Opioid in Human Cerebrospinal Fluid. Life Sciences 41: 2535-2545, 1987.
- Blumenkopf B and **Lipman JJ**. Studies in Autotomy: Its pathophysiology and usefulness as a model of chronic pain. Pain 45(2):203-211, 1991.
- Lipman, JJ**, Objective Scientific Study of Hypnotic Analgesia on Experimental Pain. Adventures in Education. 11(3) 1-5, 1995.

B. Book Chapters

- Lipman JJ**. Pain Measurement In: Contemporary Issues in Pain Management. Parris, WCV (ed.) KLUWER Pubs., 1991.

C. Abstracts Presented at Meetings

- Miller BE, Byrne WL, Noel M, Ungar AL, Mays K, North WC and **Lipman JJ**. Levels of cerebrospinal fluid endorphin are elevated in placebo responding chronic pain patients. Society for Neuroscience (abstract), 1980.
- Mays KS, Schnapp M, **Lipman JJ** and North WC. Pain relief after peripheral perineural injection of morphine. Pain 10, Suppl. 120, 1981.
- Miller BE, **Lipman JJ**, Karkera S, Winfield R., Byrne WL, Mays KS and North WC. Partial purification and characterization of a novel human endorphin from human CSF. Society for Neuroscience (abstract), 1981.

- Lipman JJ**, Hudson JS, Karkera S and Winfield R. CSF endorphin changes during transcutaneous electrical nerve stimulation (TENS) for relief of causalgia-like pain: Report of a case. Memphis Neuroscience Society (abstract), 1981.
- Lipman JJ**, Parris WCV, and Blumenkopf B: Heat Beam Dolorimetry in the Assessment of Chronic Pain. Proceedings of the 6th Annual Meeting of the American Pain Society, Washington, D.C., (abstract), 1986.
- Byrne WL, **Lipman JJ**, Miller BE, Mays KS and North WC. Pain and the placebo response: Involvement of CSF endorphins. Federation Proceedings, (abstract), 1985.
- Lipman JJ** and Blumenkopf B: Pain Assessment Using Heat Beam Dolorimetry In Neurosurgical Patients. Proc Soc Neurol Surg (abstract), 1986.
- Lipman JJ** and Blumenkopf B. No Evidence for a Segmental Local Analgesic Effect Due to Intrathecal Morphine Sulphate. Intraspinal Narcotic Special Interest Group Meeting, Hawaii, April 1990.
- Lipman JJ** and Blumenkopf B. Thermal pain tolerance dolorimetry for evaluation of the pain and sensory deficits of radiculopathy. American Association of Neurological Surgeons, May 1990, Nashville, TN.
- Blumenkopf B and **Lipman JJ** Hyperalgesia of peripheral nerve injury (PNI) evaluated by Heat Beam Dolorimetry. American Association of Neurological Surgeons, February 1989, Cancun, Mexico
- Blumenkopf B, **Lipman JJ**. Objective Assessment of the Nociceptive Sensibility and Deficits Associated with Radiculopathy Using the Heat Beam Dolorimeter. Fifth World Congress on Pain, Hamburg, West Germany, August 20, 1987. Pain, (Suppl. 4), 1987, S10.4
- Lipman JJ**, Blumenkopf B, Parris WC. Chronic Pain Assessment Using Heat Beam Dolorimetry. Fifth World Congress on Pain, Hamburg, West Germany, August 2-7, 1987. Pain, (Suppl.4), 1987, S353.
- Lipman JJ**, Recent Developments in Chronic Pain Assessment Using Heatbeam Dolorimetry, American College of Forensic Examiners / American Board of Psychological Specialties Annual Training, New York, October 1999
- Miller BE, Miller MN, Schacht T, Kauffmann C & **Lipman JJ** (1999) Depressed Patients Report More Subjective Pain and Have a Higher Objective Pain Tolerance Than Normal Controls. Soc. Neurosci Annual Meeting, Miami, Abstract 839.3

D. Invited Lectures

The Principles of Chronic Pain Management, Symposium, faculty and lecturer. Vanderbilt University Medical Center, September 1991.

Biopsychology of Pain – Psychiatry postgraduate didactic lectures, Quillen College of Medicine, Johnson City, Tennessee (2005, 2006, 2007)

ADHD/ADD treatment with stimulants, Pediatric Grand Rounds, East Tennessee State University (with Stern P and Thigpen J) 14 June 2006

3. Encephalopathy - Dementia

A. Journal Articles

Wehr CJ, **Lipman JJ**, Hammon JW Jr, Bender HW JR and Merrill WH. The effect of arterial carbon dioxide tension on cerebral blood flow and electroencephalogram during cardiopulmonary bypass. Surgical Forum 35:252-254, 1984.

Wehr CJ, **Lipman JJ**, Hammon JW Jr, Bender HW Jr and Merrill WH. Effect of carbon dioxide tension and hypothermia on cerebral blood flow and the electrocorticogram during cardiopulmonary bypass. Surgical Forum XXXVI:240-242, 1985.

Teschan PE, **Lipman JJ**, Lawrence P, DeBoer D: Encephalopathic Toxicity: An Experimental Model of Uremic and Solute-specific Dialysis. (Proceedings), ISAO Symposium on Uremic Toxins; S. Ringoir, (ed.), (Plenum Pubs.) Ghent, Belgium, 1987.

Lipman JJ, Brill AB, Som P, Jones KW, Colowick S, Cholewa J: Studies of Aluminum in Rat Brain. Biological Trace elements Research Vol 13, pp. 44-53, 1987.

Lipman JJ, Colowick SP, Lawrence PL, Abumrad NN: Aluminum induced encephalopathy in the rat. Life Sciences 42(8):863-875 (1988).

Lipman JJ, White DL, Lawrence P, Teschan PE. Juvenile Hypocalcemia provokes Persistent Electroencephalographic Change in Renally Compromised Rats J Am Coll Nutrition, 7(6): 453-460, 1988.

Teschan PE, **Lipman JJ**, Lawrence PE, and DeBoer D. Solutes vs Symptoms in Uremia. Int'l Artificial Organs 11 (4):232-234, 1988.

Lipman JJ, Lawrence PL, DeBoer DK, Shoemaker MO and Teschan PE: Role of dialysable solutes in the mediation of Uremic Encephalopathy Kidney International 37(3):892-900 (1990)

B. Book Chapters

Lipman JJ, The Electroencephalogram as a Tool for Assaying Neurotoxicity Chapter 38 In Colowick and Kaplan's Methods in Enzymology, Vol. 165, Microbial Toxins. Harshman, S. (ed.), Academic Press, New York, p. 276-277, 1988.

C. Abstracts Presented at Meetings

Jazarevic S, **Lipman JJ**, Abumrad NN: Inactivation of opioid receptors by collagenase: Relevance to studies on glucose homeostasis. Second Annual Vanderbilt University Research Forum (1984)

Wehr CJ, Gerhardt E, DeBoer DK and **Lipman JJ**: Quantitative Electroencephalographic Effects Attendant on Cardiopulmonary Bypass (CPB) in the Dog: Correlation With Regional Cerebral Blood Flow and pCO₂. Second Annual Vanderbilt University Research Forum (1984)

Lipman JJ, Lawrence PL, Teschan PS: Dialysate Solute Relations in Rat Uremic Neurotoxicity. Xth International Congress of Nephrology (abstract), London, 1987.

Lipman JJ, Colowick SP, Lawrence PL, Abumrad NN: Aluminum Induced Encephalopathy in the Rat. Xth International Congress of Nephrology (abstract), London, 1987.

Teschan P, **Lipman JJ**, Lawrence PL, DeBoer D, White D, Sulser, D: Quantitative Solute-Symptom Relationships in renal Failure and Solute-Specific Dialysis. American Society of Nephrology, Washington, D.C., 1987.

Lipman JJ, Lawrence PL, Teschan PE: Dialysate Solute Relations in Rat Uremic Neurotoxicity. Xth International Congress of Nephrology, 1987(abstract).

DeBoer D, **Lipman JJ**, Lawrence PL, Teschan PE: Automated EEG Monitoring System for Quantification of Uremic Encephalopathy in a rodent Model. Am.Assoc. Med. Instr., 1985.

Lipman JJ, White DL, Tolchard S, Lawrence PL: The Effect of Elevated Dietary Phosphate on Uremic Progression and the Electroencephalogram in Renally Compromised Rats. Journal of the American College of Nutrition, Vol. 7, No. 5, October, 1988.

Lipman JJ, Lawrence PL, Sulser D, White DL, Tochard S, Teschan PE: Uremia Produces Dialysis- Reversible Depression of Geniculate but not Superior Collicular or Cortical 2-Deoxy-D-Glucose Uptake. Society for Neuroscience Abstracts, Vol. 14, November, 1988.

Lipman JJ, Lawrence PL, DeBoer DK, Shoemaker MO, Sulser D, Tolchard S, Teschan PE: The Role of Dialyzable Solutes in the Mediation of Uremic Encephalopathy in the Rat Indexed by Electroencephalography and Regional Cerebral Glucose Uptake. American Society of Nephrology, 21st Annual Meeting, December, 1988.

Nishijima F, Ikoma M, **Lipman JJ**, Teschan P, Fogo A, Ichikawa I: Effect of Dialytic Intervention on the Function and Morphology of Glomeruli in Rats at an Early Stage of Progressive Renal Disease. American Society of Nephrology, 21st Annual Meeting, Dec.1988.

Lipman JJ, Tolchard S. Comparison of the Effects of Central and Peripheral Aluminum Administration on Regional 2-Deoxy-D-Glucose Incorporation In The Rat Brain. Life Sciences 45:1977-1987, 1989.

Teschan PE, **Lipman JJ**, Lawrence P, DeBoer D: Encephalopathic Toxicity: An Experimental Model of Uremic and Solute-Specific Dialysis (Proceedings) ISAO Symposium on Uremic Toxins; S. Ringoir, (ed.), (Plenum Pubs.) Ghent, Belgium, 1987.

White DL, **Lipman JJ**, Lawrence PL, Teschan PE. Dietary Hypocalcemia Provokes Transient Uremia and Persistent Electroencephalogram Changes in Renally Compromised Juvenile Rats. J Am Coll Nutrition, Vol. 6(5), 441, 1987.

4. Forensic Pharmacology

ABSTRACTS, LECTURES AND PRESENTATIONS AT MEETINGS (selected):

The future of the Insanity Defense: The Best of the Worst Defense - Genetic and Other Biological Causes of Criminal Behavior, delivered at: The John Dice Annual Criminal Defense Seminar, Peabody Hotel, Memphis, TN, October 10-11, 1987.

The Effects of Drugs and Alcohol on Brain and Behavior, delivered at: Experts on Experts, Annual Joint Meeting of The National Defender Investigator Association/ Tennessee Association of Criminal Defense Lawyers, May 20-21, 1988.

Pitfalls in Urinalysis Methodology for Controlled Drugs, delivered at: Tennessee Board of Nursing, Nashville, Tennessee, March 3, 1990.

Forensic Aspects of the Effects of Drugs on the Brain and Behavior, delivered at: National Defender Investigator Association, Annual Meeting, Atlanta, GA, November 7-8, 1990.

Airlie Conference Faculty. Lecturer on Behavioral Psychopharmacology (plenary session) and Convenor of Evidentiary and Litigation Workshop, Airlie, Virginia, August 1-4, 1991.

Capital Litigation and Investigation Seminar, faculty, Lecturing on Mental Health Issues, Nashville, Tennessee, January 23-25, 1992.

Faculty, New York State Defender Association in-service training -effects of drugs on the brain and behavior - Conference on drug and alcohol addiction, March 1993.

Lecturer on Forensic Neuropharmacology (for Prof. Karl Dean), Vanderbilt University Law School, March 1993

Faculty and lecturer in forensic neuropharmacology: Arkansas Trial Lawyers Annual Meeting, continuing legal education training seminar, May 1995, Eureka Springs, Arkansas.

Lecturer: Drug Abuse, Drug Effects and the Law - Chemical Dependency and Chemical Abuse, Missouri State Public Defender System Annual Training Seminar, September 1997

Moderator: American Board of Psychological Specialties Abstract Presentations, Chronic Pain, Personality Attributes, Disability Evaluation, Iatrogenic Illness, New York, Oct 1999

Faculty: Relationship of Exposure to Toxic Substances and Intoxicants and Psychological Disorders. Texas Criminal Defense Lawyer's Association, Capital, Mental Health and Habeas seminar, Dallas Texas, April 2006

Faculty Presenter: Pediatric Grand Rounds, Quillen College of Medicine, East Tennessee State University, "ADHD/ADD treatment with stimulants - what are the effects on the normal brain?" 14 June 2006

Faculty: Biopsychology of pain, Psychiatry Resident Didactics, Quillen College of Medicine, ETSU, 2005, 2006, 2007

Organizing Committee: Seminar: Common Back Pain Syndromes and Treatment Options, Office of Continuing Medical Education, East Tennessee State University, Nov 16 2007

Chair and Moderator: Seminar series: Chronic Headache, Office of Continuing Medical Education, East Tennessee State University, Nov 2008

PUBLICATIONS:

McMullin MM, Selavka CM, Wheeler MT, Werrell PL, Karbiwnyk CM and **Lipman JJ**, Forensic hair testing for haloperidol: A tale of two cases. *Proceedings of the American Academy of Forensic Sciences*, December 1993

- Lipman JJ,** Multiple Homicides Occurring During A Time Of Abnormally Low Drug Concentration In The Hair Of A Treated Paranoid Schizophrenic, *Forensic Examiner*, 14-15, March-April 1996.
- Lipman JJ,** Recent Forensic Pharmacological Developments in Drug Abuse: The growth and problems of speedballing *Forensic Examiner* 6 (7-8) 9-13, 1997
- Lipman JJ,** Psychopharmacology and the Disability Analyst. Chapter 2 in Anchor K and Felicetti T (eds) *Disability Analysis in Practice* ,Kendall Hunt (pubs) 1999
- Lipman JJ and Murphy PJ,** Idiosyncratic psychotoxic effect of codeine in a criminal defendant suffering Gilbert's Syndrome , *Forensic Examiner*, Nov-Dec 1998
- Lipman JJ** Chronic Pain Assessment Using Heatbeam Dolorimetry, Proceedings of the American College of Forensic Examiners/ American Board of Psychological Specialties, Oct/Nov 1999. *Forensic Examiner* 9(1&2), 34
- Lipman JJ** Personality Drug Abuse and Murder: A pilot Study, *Forensic Examiner* 10 (1 & 2) 20-26 (2001)
- Lipman, JJ** Psychometric Profiles of Violent Offenders with Histories of Psychostimulant Psychosis: A Pilot Study, *International Journal of Forensic Psychology*, 1(2) 82-93(2004)
- Dunn WA,. Labay LM and **Lipman JJ,** A method for the estimation of drug concentrations in dried bloodstains. Proceedings of the Society of Forensic Toxicologists, Durham NC, abs P29 , Oct 2007
- Lipman JJ** The Methadone Poisoning "Epidemic" *Forensic Examiner*, Summer 2008, 38-46

Testifying forensic consultant and expert witness in State, Military and Federal courts of Alaska, Arizona, Arkansas, California, Colorado, Florida, Georgia, Illinois, Kansas, Kentucky Louisiana, Massachusetts, Mississippi, Missouri, Montana, Nevada, New York, Ohio, Oklahoma, Pennsylvania, Tennessee, Texas, Utah, Vermont, Virginia, and Washington, in forensic pharmacological matters and the effects of psychoactive drugs on human behavior.