

# *Forensic Neuro Ψ*

*Clinical Neuropsychology & Forensic Evaluation*

## **Martine J. RoBards, Ph.D.**

*Licensed Clinical Psychologist/CA PSY7620, KY PSY1050  
Practice Restricted to Clinical Neuropsychology*

## **Curriculum Vitae**

*1997-2005 Licensed Clinical Psychologist KY PSY1050*

*1987-2005 President, The Leadership Dimension, Inc., Psychology Consulting  
Counseling, Research and Publishing*

*1982-1986 President, The Human Equation, Ltd., Psychology Consulting,  
Counseling, Research and Publishing*

*1982-2005 Licensed Clinical Psychologist CA PSY7620*

*1980-1982 Registered Psychological Assistant, Newport Psychology Center,  
Santa Ana, California; supervisor: Alice R. Pitman, Ph.D.*

*1977-1981 Assistant Professor of Anatomy (School of Medicine) and  
Psychobiology (School of Biological Science), University of California, Irvine,  
California; research funded by NSF*

**Teaching: Human Neuroscience, Human Gross Anatomy (Musculoskeletal  
Systems,) Human Embryology and Teratology**

*Outstanding Faculty Member U.C.I. Medical School 1979*

*Outstanding Faculty Member U.C.I. Medical School 1980*

*Outstanding Faculty Member U.C.I. Medical School 1981*

*1976-1977 Postdoctoral Fellow, Neuroscience Section, Brown University School  
of Medicine, Providence, Rhode Island; supervisor: Ford F. Ebner, Ph.D.;  
research funded by NSF*

**Teaching: Human Neuroanatomy/Neuroscience**

*1974-1976 Postdoctoral Fellow, Department of Anatomy, University of Virginia,  
School of Medicine, Charlottesville, Virginia; supervisor: Lennart Heimer, M.D.;  
research funded by NIH and the Sloan Foundation*

Teaching: Human Neuroanatomy: Brain Cutting

*1973-1974 Postdoctoral Fellow, Department of Neurosurgery, University of Virginia, School of Medicine, Charlottesville, Virginia; supervisors John Jane, M.D., Ph.D., S.O.E. Ebbesson, Ph.D.; research funded by the Sloan Foundation*

*1969-1973 Graduate Student, Florida State University, Tallahassee, Florida; supervisor for M.S. and Ph.D. in Psychology, Psychobiology Research Program, R. Bruce Masterton, Ph.D.; research funded by NIH*

Teaching: Psychobiology: Neuroanatomy Lab

### **Post-Graduate Continuing Education Programs:**

(All are one-day [7 class hrs.] programs unless otherwise noted.)

*Human Sexuality: University of Virginia School of Medicine, 1975 (3 days)*

*Integrated Treatment of Child Sexual Assault: Palm Springs Seminars, 1981*

*Clinical Hypnotherapy: Laguna Professional Seminars, 1983 (3 days)*

**Note: Other Post-Graduate Training Prior to California Continuing Education Class Registration Requirement in 1995 is not Listed by Individual Class or Curriculum**

*Healing the Mother Wound: American Healthcare Institute (AHI), 1996*

*Understanding Grief and Loss/Facilitating Mourning, AHI, 1996*

*Identification and Treatment of Complicated Grief, AHI, 1996*

*Mental Health/Law Update, American Psychological Association (APA), 1997*

*Brief Therapy and Managed Care: Prospects for the Future, APA, 1997 (2 hrs.)*

*Advances in Psychopharmacology for Adults, APA, 1997*

*Overview of Computerized Assessment in Neuropsychology, APA, 1997*

*Multiple Regression: A Review of the Basics, APA, 1997*

*Diagnostic Neuroimaging, Nat'l Acad Neuropsych.(NAN), 1997(1/2 day)*

*Adv. In Assessment of Executive Functioning, NAN, 1997(1/2 day)*

*Substance Abuse and Its Treatment: Horvath Seminars, 1998*

*Advanced Issues in Child Custody Evaluation, APA, 1998*

*Advanced Assessment and Treatment of Complicated ADD, APA, 1998*

*Clinical Uses of the WAIS-III and WMS-III, APA, 1998*

*Mind-Body Medicine, APA, 1998 (2 hrs.)*

*Assessment of Personality Disorders: Issues and Instruments, APA, 1998*

*Alzheimer's Disease (NAN), 1998 (1/2 day)*

*Recovery from Aphasia: Biological Factors and Treatment, NAN, 1998 (1/2 day)*

*Clinical Neuropsychology and the ADA, NAN, 1998 (1/2 day)*

*Holistic Approaches to Rehabilitation, NAN, 1998 (1/2 day)*

*Sleep Disorders and Neuropsychology, NAN, 1998 (1/2 day)*

*Psychopharmacology, Better Living Through Chemistry, AHI, 1998*

*Mental Health Aspects of Domestic Violence, KY Psych. Assoc., 1998 (1/2 day)*

*Psych. & Med. Emerging Research, New Applications, APA, 1999 (15 hrs.)*

*Brain Injury Summit 2000, BIAK 2000 (2 days)*

*Psychological Experts in Personal Injury Cases, APA, 2000*

*Advanced Topics in Criminal Forensic Practice*, APA, 2000  
*Case Studies in Antidepressant Pharmacotherapy*, APA, 2000 (1/2 day)  
*Ethical Issues & Dilemmas in Neuropsych. Practice*, APA, 2000 (1/2 day)  
*A Scientific Approach to Personality Profiling of Homicide Cases*, APA, 2000  
*Assessing Malingering in Forensic Evaluations*, APA, 2000  
*Tools, Tests & Tech.: Adv. in Foren. Psych. Assess. & Prac.*, APA, 2000 (3 hrs.)  
*Basal Ganglia & Cerebellar Loops With Cerebellar Cortex*, INS, 2001 (3 hrs.)  
*Imaging Cognition Basic-Advanced Meth. for Brain Imaging*, INS, 2001(3hrs.)  
*Neuropsychopharmacology of Epilepsy*, INS, 2001 (1.5 hrs.)  
*Pathobiological Cascades Assoc. with Traum. Brain Inj.*, INS, 2001 (1.5 hrs.)  
*Neuropsychopharmacology of Movement Disorders*, INS, 2001 (1.5 hrs.)  
*Attn. to Extrapers. Space-Neurocog. Networks/Hemis. Assym.*, INS, 2001 (1 hour)  
*Head Injury: Past, Present & Future*, NAN, 2001 (3.0 hrs.)  
*Memory Systems of the Human Brain*, NAN, 2001 (3.0 hrs.)  
*The Neuropsychologist in the Court Room: Law & Ethics*, NAN, 2001 (3.0 hrs.)  
*The Extended Complex Figure Test*, NAN, 2001 (2.0 hrs.)  
*Advances in Marriage and Family Therapy*, TPA, 2002(10.0 hrs.)  
*Advances in Ethics of Psychotherapy*, TPA, 2002 (3.0 hrs.)  
*19<sup>th</sup> Int'l Epidemiology Summer School*, Munster, Germany, 2002 (35 hrs.)  
*Health Insurance Privacy & Portability Act Compliance*, KPA, 2003 (3 hrs.)  
*Neural Substrates of Auditory Perception & Memory*, INS, 2004 (3 hrs.)  
*Impaired Awareness & Neuropsychological Rehabilitation*, INS, 2004 (3 hrs.)  
*Neural Basis of Cognitive Processes; MR Perfusion Imaging*, INS, 2004 (1.5 hrs.)  
*Neuropharmacology Update: Pharmacologic MRI*, INS, 2004 (1.5 hrs.)  
*Acceleration-Deceleration Concussion in Athletics*, INS, 2004 (1.5 hrs.)  
*Case Studies in Civil Competency Assessment*, INS, 2004 (1.5 hrs.)  
*Demographic Norms for the WAIS-III & WMS-III*, INS, 2004 (1.5 hrs.)  
*Age-Related Changes in Neurocognition: E-R Potentials*, INS, 2004 (1.5 hrs.)

## **Publications:**

*M. J. RoBards, D. W. Watkins, and R. B. Masterton, 1974. Nucleus intercollicularis: the somesthetic tectum. **Anatomical Record** 178: 448.*

*R. B. Masterton, G. C. Thompson, J. K. Bechtold, and M. J. RoBards, 1975. Neuroanatomical basis of binaural phase-difference analysis for sound localization: a comparative study. **Journal of Comparative and Physiological Psychology** 89: 379-386.*

*R. B. Masterton, L. C. Skeen and M. J. RoBards, 1974. Origins of anthropoid intelligence: LP-Pulvinar extrastriate system and visual learning. **Brain, Behavior & Evolution** 10: 322-353.*

G. F. Martin, R. Dom, T. S. King, M. J. RoBards and C. R. R. Watson, 1975. *The inferior olivary nucleus of the opossum, Didelphis marsupialis virginiana. Journal of Comparative Neurology* **160**: 507-53

M. J. RoBards, 1975. *Correlation of the intercollicular somesthetic receiving zone of the midbrain with the dendritic domain of the intercollicular nucleus. Anatomical Record* **181**: 463.

L. Heimer, J. de Olmos, H. Hardy, and M. J. RoBards, 1975. *The olfactory tubercle projections in the rat. Abst. Neuroscience Society. Vol. I, Fifth Annual Meeting, New York, New York, p. 136.*

M. J. RoBards, D.W. Watkins, and R. B. Masterton, 1976. *An anatomical study of some somesthetic afferents to the intercollicular terminal zone of the midbrain of the opossum. Journal of Comparative Neurology* **170**: 499-524.

L. Heimer, M. J. RoBards and R. C. Switzer, 1976. *The olfactory tubercle: a structure of varying stratification. Experimental Brain Research Supplement* **1**, 141-147.

M. J. RoBards and F. F. Ebner, 1977. *Thalamic neurons projecting to the second somatic cortex (SII) in the Virginia opossum. Abst. Neuroscience Society. Vol. III, Seventh Annual Meeting, Anaheim, CA, p. 490.*

M. J. RoBards, 1979. *Somatic neurons in the brainstem and neocortex projecting to the external nucleus of the inferior colliculus: an anatomical study. Journal of Comparative Neurology* **184**: 3, 547-565.

R. T. Robertson, S. S. Kaitz and M. J. RoBards, 1979. *Afferent and efferent connections of the nucleus lateralis dorsalis thalami: a pathway that may mediate sensory input to the limbic system. Anatomical Record* **193**: 665.

M. J. RoBards, M. Stritzel and R. T. Robertson, 1979. *Ventral horn cells of the cervical cord project to brainstem. Neuroscience Abstracts, Vol. 5, Ninth Annual Meeting, Atlanta, GA, p. 729.*

M. J. RoBards, M. Stritzel and R. T. Robertson, 1979. *Do different populations of dorsal column nucleus cells project to midbrain and thalamus? Anatomical Record* **196**: 158.

R. T. Robertson, S. M. Thompson, S. S. Kaitz, and M. J. RoBards, 1980. *Pretectal projections to the lateral dorsal nucleus of the cat thalamus. Anatomical Record* **196**: 159.

M. Stritzel, M. J. RoBards, R. T. Robertson, 1980. Comparison of thalamic- and midbrain-projection cells in the trigeminal complex. **Anatomical Record** **196**: 183.

M. J. RoBards, M. Stritzel and R. T. Robertson, 1980. Cervical ventral horn cells projecting to brainstem and neck muscles. **Brain Research** **189**: 519-523.

Robertson, R. T., S. M. Thompson and M. J. RoBards, 1980. Visual projections to limbic cortex. **Neuroscience Abstracts**, **16**: 161-165.

L. Heimer and M. J. RoBards (eds.), 1980 **Handbook of Neuroanatomical Tract-Tracing Methods**. Plenum Press.

R. T. Robertson, S. S. Kaitz and M. J. RoBards, 1980. A subcortical pathway linking sensory and limbic systems of the forebrain. **Neuroscience Letters**.

M. J. RoBards, M. Stritzel and R. T. Robertson, 1980. Somatic projections to superior and inferior colliculus: An hypothesis concerning sensorimotor integration. **Neuroscience Abstracts**.

R. T. Robertson, S. M. Thompson and M. J. RoBards, 1980. Visual projections to limbic cortex. **Neuroscience Abstracts**.

RoBards, M. J. 1980. The opossum: A neurobiological subject whose time has come. Book review of **Opossum Neurobiology** by C. E. Rocha-Miranda and Robert Lent, **Trends in Neurosciences**.

RoBards, M. J., M. Stritzel and R. T. Robertson, 1981. A simple pressure-regulated perfusion apparatus. **Physiology & Behavior** **26** (3): 539-541.

Robertson, R. T., Callaway, J. L., Thompson, S. M., and RoBards, M. J., 1982. Double labeling of neuronal somata by [<sup>3</sup>H] uridine and horseradish peroxidase: a technique to demonstrate two-stage connections with the light microscope. **Journal of Neuroscience Methods**: **5**(3):227-233.

Allen, C. and M. RoBards, 2001 A. Effects of frequency of exposure on the performance of railroad workers on tests of attention and memory following long-term use of organic solvents in the workplace. **Journal of the International Neuropsychological Society**: **7**(2): 191.

Allen, C. and M. RoBards, 2001 B. Frequency of neuropsychological impairment in railroad workers with long-term use of organic solvents. **Journal of the International Neuropsychological Society**: **7**(2): 250.

RoBards, M. J., Allen, C., RoBards, M. A., Pierce, S., and D. B. Share, 2001 A. Case study: chronic toxic encephalopathy in a former railroad shop worker with remote, long-term exposure to mixed organic solvents. *Archives of Clinical Neuropsychology* 16: 8, 857.

RoBards, M. J., Allen, C., RoBards, M. A., Pierce, S., and D. B. Share, 2001 B. Chronic toxic encephalopathy among railroad shop workers with remote, long-term exposure to mixed organic solvents. *Archives of Clinical Neuropsychology* 16: 8, 858.

RoBards, M. J., Allen, C., RoBards, M. A., Pierce, S., and D. B. Share, 2001 C. Neuropsychological screening battery results for 39 former railroad shop workers with chronic toxic encephalopathy due to remote history of mixed organic solvent exposure. *Archives of Clinical Neuropsychology* 16: 8, 858.

RoBards, M. J., Allen, C., RoBards, M. A., Pierce, S. and D. B. Share, 2002. 2002 Update: Chronic Toxic Encephalopathy Among Railroad Shop Workers with Remote, Long-term Exposure to Mixed Organic and Inorganic Solvents. *Archives of Clinical Neuropsychology* 17: 8. 760.

RoBards, M. A . and M. J. RoBards, 2002 A. 2002 Update: Two Samples of Railroad Shop Workers with Remote, Long-term Exposure to Mixed Organic and Inorganic Solvents Exhibit Chronic Toxic Encephalopathy. *Archives of Clinical Neuropsychology* 17: 8, 758-759.

RoBards, M. J. and M. A. RoBards, 2002 B. 2002 Update: MMPI-2 Results for 38 Present and Former Railroad Shop Workers with Chronic Toxic Encephalopathy Due to Remote History of Mixed Organic and Inorganic Solvent Exposure. *Archives of Clinical Neuropsychology* 17: 8,759.

RoBards, M. J., RoBards, M. A., Allen, C., Pierce, S. & D. B. Share, 2002 Update: Neuropsychological Screening Battery Results for 66 Present and Former Railroad Shop Workers for Chronic Toxic Encephalopathy Due to Remote History of Mixed Organic and Inorganic Solvent Exposure. *Archives of Clinical Neuropsychology* 17: 8, 760.

### **Professional Associations:**

*American Psychological Association*  
*National Academy of Neuropsychology*  
*International Neuropsychological Society*  
*California Psychological Association*  
*Kentucky Psychological Association*  
*Mensa*