

Education

- 2002 Ph.D. Michigan State University, East Lansing, MI.
Clinical Psychology Program, Neuropsychology Track.
- 1992 M.S. University of Kentucky, Lexington, KY.
Psychology, Behavioral and Neural Studies.
- 1989 B.S. Alma College, Alma, MI. Psychology. *Cum Laude*,
Honors in Psychology.

Teaching and Research Experience (See *Publications and Presentations*)

- 2001- 2003 Post-Doctoral Scholar, Sanders-Brown Center on Aging;
Post-Doctoral Fellow, Department of Neurology, Neuropsychology Division.
University of Kentucky.
- 1999-2000 Course Instructor; Dept. of Psychology. *Brain and Behavior*.
Michigan State University
- 1993-1994 Senior Research Analyst; Division of Neurosurgery, Chandler Medical Center,
University of Kentucky
- 1992-1993 Secondary School Science Teacher; Tanzania, East Africa.
United States Peace Corps

Professional Affiliations

International Neuropsychological Society
American Psychological Association: Clinical Psychology; Neuropsychology
Sigma Xi, National Research Society, Associate

Current Research

Rapid Iconic Memory Decay and Early Alzheimer's Detection – grant awarded by Pfizer, 2006

Hospital Affiliations

Neuropsychology, Central Baptist Hospital, Lexington, Kentucky
Additional clinics held at Associates in Neurology, Lexington and Danville, Kentucky

Clinical Experience

- 2005-present
Hospital Practice. Privileges garnered in February 2005 at Central Baptist Hospital, Lexington, Kentucky, pursuant to the development of a new Neuropsychology Service at that hospital as a part of their development of a Neuroscience Center.
- 2002-present
Private Practice. Principle clinician seeing patients for a wide variety of outpatient psychological and brain function evaluations (neurocognitive function, learning disabilities, psychiatric and psychological disorders), and professional consultation. Regular clinics held in neurology offices regarding dementia, stroke, tumor, trauma, post-neurosurgery follow-up, and differential diagnosis. Psychotherapy for selected cases. Provide evaluation services for Commonwealth of Kentucky; Department for Disability Determination Services and Office of Vocational Rehabilitation.
- 2001-2002
Fellow. Neuropsychology Fellow. Kentucky Clinic, Neurology, Neuropsychology Division. Supervised by Fredrick Schmitt, Ph.D. Responsible for a wide variety of inpatient and outpatient neuropsychological and psychological evaluations regarding dementia, stroke, tumor, trauma, post-neurosurgery, congenital disorders, and differential diagnosis (e.g., psychological vs. organic).
- 2000-2001
Intern. APA Internship, Neuropsychology Intern. Psychology Service, Ann Arbor VA Healthcare System, Ann Arbor, Michigan, and University of Michigan Medical Center, Department of Psychiatry. Supervised by Drs. Henry Buchtel, Ph.D., Jean Tweedie, Ph.D., & Kenneth Adams, Ph.D., ABPP/CN. Neuropsychology and Mental Health Clinic rotations. Responsible for a variety of complete inpatient and outpatient neuropsychological evaluations, hospital intake, psychiatric evaluations, differential diagnosis, learning disabilities, case conference presentations, conducted psychotherapy with adults with a variety of serious psychopathologies.
- 1998-1999
Intern. Neuropsychology Intern in the Neuropsychology Department, Foote Hospital, Jackson, Michigan. Supervised by Drs. Jerel Del Dotto, Ph.D., ABPP/CN & John L. Fisk, Ph.D., ABPP/CN. Responsibilities include intakes, conducting inpatient and outpatient neuropsychological examinations (for aphasia, memory dysfunction, learning disability, ADD, dementia).
- 1998-2000
Psychometrician. Neurobehavioral Associates, Okemos, Michigan. Supervised by Drs. A. Aniskiewicz, Ph.D., ABPP/CN & D. Malcom Spica, Ph.D. Responsible for administration and scoring of comprehensive neuropsychological test batteries.
- 1997
Extern. Two week externship in the Department of Neurology, Allegheny General Hospital, Pittsburgh, PA. Supervised by Dr. Peter Snyder, Ph.D. Conducted bedside and outpatient neuropsychological exams (aphasia, memory, epilepsy assessments), participated in epilepsy and pain management team meetings, assisted intra-carotid sodium amytal (Wada) procedures.
- 1997-2001
Extern. Supervised by Dr. Andrew Barclay, Ph.D. Test, observe, and interview for psychiatric evaluations for several Michigan Family Independence Agencies (Dept. of Social Services). Evaluations made for children, adolescents, and adults, for psychiatric diagnosis, custody evaluations, Probate and Circuit Court evaluations.

Publications

- Carbary, T.J., Almerigi, J.B., Harris L.J.** (2002). Task difficulty is related to lateral shifts in visual hemispace bias for judgments of emotion in chimeric faces. Brain and Cognition, *48*, (2-3): 304-311.
- Almerigi, J. A., **Carbary, T. J.**, & Harris, L. J. (2002). Most adults show opposite-side biases in the imagined holding of infants and objects. Brain and Cognition, *48*, (2-3): 258-263.
- Erber, N. L., Almerigi, J. B., **Carbary, T. J.**, & Harris, L. J. (2002). The contribution of postural bias to lateral preferences for holding human infants. Brain and Cognition, *48* (2-3): 352-356.
- Harris L.J., Almerigi, J.B., **Carbary, T.J.**, Fogel, T.G. (2001). Left side infant-holding: a test of the hemispheric arousal-attention hypothesis. Brain and Cognition, *46*, 57-61.
- Carbary, T.J., Almerigi, J.B., Harris L.J.** (2001). The left visual hemispace bias for the perception of composite faces: a further test of the difficulty of discrimination hypothesis. Brain and Cognition, *46*, 47-51.
- Carbary, T.J., Patterson, J.T., Snyder, P.J.** (2000). Foreign accent syndrome following a second catastrophic injury: MRI correlates, linguistic and voice pattern analysis. Brain and Cognition, *43*, 1/2/3, 78-85.
- Carbary, T.J., Almerigi, J.B., Harris L.J.** (1999). The left visual hemispace bias for the perception of composite faces: a test of the difficulty-of-discrimination hypothesis. Brain and Cognition, *40*, 1, 71-75.
- Carbary, T., Dhillon, H.S., Scheff, S.W., Prasad, R.M.** (1996). Immunohistochemistry of tyrosine and dopamine-beta-hydroxylases after experimental brain injury in the rat. Neuroscience Research Communications, *18*, 2, 79-85.
- Padmaparuma, B., Dhillon, H.S., **Carbary, T., Prasad, R.M.** (1995). Regional properties of inositol 1,4,5-trisphosphate receptor after experimental brain injury. Neuroscience Research Communications, *16*, 2, 121-128.
- Prasad, M.R., Dose, J.M., Dhillon, H.S., **Carbary, T., & Kraemer, P.J.** (1995). Amphetamine affects behavioral outcome of lateral fluid percussion brain injury in the rat. Restorative Neurology and Neuroscience, *9*, 65-75.
- Dhillon, H.S., **Carbary, T., Dempsey, R.J., & Prasad, M.R.** (1995). Activation of phosphatidylinositol biphosphate signal transduction pathway after experimental brain injury: a lipid study. Brain Research, *698*, 100-106.
- Prasad, M.R., Dhillon H.S., **Carbary T., Dempsey R.J., & Scheff, S.W.** (1994). Enhanced phosphodiesteric breakdown of phosphatidylinositol biphosphate after experimental brain injury. Journal of Neurochemistry, *63*, 773-776.
- Randall, C.K., Kraemer, P.J., Dose, J.M., **Carbary, T.J., & Bardo, M.T.** (1992). The biphasic effect of morphine on odor conditioning in neonatal rats. Developmental Psychobiology, *25*, 355-364.
- Kraemer, P.J., Randall, C.K., **Carbary, T.J.** (1992). Ontogenetic differences in expressed fear following aversive conditioning. Bulletin of the Psychonomic Society, *30*, 223-225.
- Kraemer, P.J., Randall. C.K., **Carbary, T.J.** (1991). Release from latent inhibition with delayed testing. Animal Learning and Behavior, *19*, 139-145.

Presentations

Carbary, T. J. (2007). Dementia and Drug-Induced Dementia; Neuropsychological Evaluation in the Vocational Rehabilitation. Invited talk the annual meeting of the Kentucky Rehabilitation Association, Lexington, KY, July, 2007.

Carbary, T. J. (2006). Normal aging and Alzheimer's Disease. Invited talk for the Transylvania Presbytery delivered as a public service at Second Presbyterian Church, Lexington, KY, May, 2005.

Carbary, T. J. (2005). Clinical Neuropsychology Overview: Introduction to Clinical Aspects of Brain-Behavior Relations. Invited talk delivered as a public service at P.B. Dunbar High School, Lexington, KY, December, 2005.

Carbary, T. J. (2004). Neuropsychological Evaluation in the Vocational Rehabilitation Setting. Invited talk delivered at the annual meeting of the Kentucky Rehabilitation Association, Covington, KY, September, 2004.

Carbary, T. J. (2003). Frontal lobe function: translation of perseveration and reversal learning in an experimental frontal contusion model. Invited talk delivered at a semi-monthly meeting of the Bluegrass Area Neuropsychology Group, Lexington, KY, January 2003.

Carbary, T. J. (2002). Spatial alternation and recovery from cortical contusion in rats: Toward better applied cognition-brain injury models. Invited talk delivered at the 15th Annual Tri-State Conference on Animal Learning & Behavior, University of Kentucky, Lexington, KY, April, 2002.

Almerigi, J. A., **Carbary, T. J.**, & Harris, L. J. (2001). Most adults show opposite-side biases in the imagined holding of infants and objects. Poster presentation at the twelfth annual meeting of TENNET (Theoretical and Experimental Neuropsychology / Neuropsychologie Expérimentale et Théorique), Montreal, Canada, 2001.

Erber, N. L., Almerigi, J. B., **Carbary, T. J.**, & Harris, L. J. (2001). The contribution of postural bias to lateral preferences for holding human infants. Poster presentation at the twelfth annual meeting of TENNET (Theoretical and Experimental Neuropsychology / Neuropsychologie Expérimentale et Théorique), Montreal, Canada, 2001.

Carbary, T.J., Almerigi, J.B., Harris L.J. (2001). Task difficulty is related to lateral shifts in visual hemispace bias for judgments of emotion in chimeric faces. Poster presentation at the twelfth annual meeting of TENNET (Theoretical and Experimental Neuropsychology / Neuropsychologie Expérimentale et Théorique), Montreal, Canada, 2001.

Carbary, T.J., Almerigi, J.B., Harris L.J. (2000). The left visual hemispace bias for the perception of composite faces: a further test of the difficulty of discrimination hypothesis. Poster at the eleventh annual meeting of TENNET (Theoretical and Experimental Neuropsychology / Neuropsychologie Expérimentale et Théorique), Montreal, Canada, 2000.

Carbary, T.J., Patterson, J.T., Snyder, P.J. (1999). Foreign accent syndrome following a second catastrophic injury: MRI correlates, linguistic and voice pattern analysis. Poster presentation at the tenth annual meeting of TENNET (Theoretical and Experimental Neuropsychology / Neuropsychologie Expérimentale et Théorique), Montreal, Canada, 1999.

Carbary, T.J., Almerigi, J.B., Harris L.J. (1998). The left visual hemispace bias for the perception of composite faces: a test of the difficulty-of-discrimination hypothesis. Poster presentation at the ninth annual meeting of TENNET (Theoretical and Experimental Neuropsychology / Neuropsychologie Expérimentale et Théorique), Montreal, Canada, 1998.

Presentations (continued)

Kraemer, P.J., Prasad, M.R., **Carbary**, T.J., Dhillon, H.S., Scheff, S.W. (1993). Behavioral consequences of lateral fluid percussion brain injury in rats. Poster presentation at the Symposium of the Neurotrauma Society, Washington, D.C., 1993.

Baldwin, S., **Carbary**, T.J., Scheff, S.W. (1992). Astrocytic response following cortical contusion in the rat. Poster presentation at the International Society for Neuroscience Meeting, Anaheim, CA, 1992.

Carbary, T.J., Scheff, S.W., Kraemer, P.J. (1991). Behavioral analysis following cortical contusion in the rat. Poster presentation at the International Society for Neuroscience Meeting, New Orleans, LA, 1991.

Carbary, T.J., Kraemer, P.J., Combs, D., & Scheff, S.W. (1991). Associative memory following head injury in the rat. Poster presentation at the University of Kentucky Neuroscience Fair, Lexington, KY, April, 1991.

Carbary, T.J., Kraemer, P.J. (1991). Activity monitoring for behavioral testing. Invited talk delivered at the regional meeting of the American Association of Laboratory Animal Science, Lexington, KY, May, 1991.

Carbary, T.J., Kraemer, P.J., Randall, C.K., (1991). Ontogeny of conditioned fear response in rats: measurement issues. Talk delivered at the Midwestern Psychological Association, Chicago, IL, May, 1991.