

## CURRICULUM VITAE

**Bruce A. Crosson, Ph.D., ABPP/ABCN**

### **Education:**

- May 1972            B.A. - Political Science (Summa Cum Laude)  
                         Minors: Psychology and Russian  
                         Southern Methodist University
- May 1974            M.A. - Psychology  
                         Southern Methodist University
- August 1978        Ph.D. - Psychology  
                         Minor: Neuroscience  
                         Texas Tech University
- September 1977 -    Clinical Psychology Internship  
September 1978     St. Louis Veterans Administration Medical Center

**Licensure:**            Licensed Psychologist, State of Florida, License No. PY 4202

**National Register:**    Registrant #25212, National Register of Health Service Providers in  
   Psychology

**Board Certification:**    Diplomate in Clinical Neuropsychology  
   American Board of Professional Psychology, Diploma #3795

### **Professional Experience:**

- 1994-present        Professor of Clinical & Health Psychology (tenured)  
   University of Florida
- 2004-present        Research Career Scientist  
   Brain Rehabilitation Research Center, Malcom Randall VA Medical Center
- 2004-present        Honorary Professor, School of Health and Rehabilitation Sciences  
   University of Queensland, Brisbane, Australia
- 1999-2004            Research Psychologist  
   Brain Rehabilitation Research Center, Malcom Randall VA Medical Center
- 1995                    Visiting Professor, Department of Neurology (Section of Neuropsychology),  
   Medical College of Wisconsin, Milwaukee, Wisconsin
- 1989-1994            Associate Professor of Clinical & Health Psychology

University of Florida

- 1985-1989      Research Associate Professor of Neurology, Psychiatry, and Psychology  
Washington University Medical Center, St. Louis, Missouri
- 1985-1989      Director, Head Injury Resource Center at Irene Walter Johnson Rehabilitation  
Institute  
Washington University Medical Center, St. Louis, Missouri
- 1985-1989      Research Assistant Professor of Neurology, Psychiatry, and Psychology  
Washington University Medical Center, St. Louis, Missouri
- 1983-1985      Director, Clinical Neuropsychology  
Veterans Administration Medical Center, Oklahoma City, Oklahoma
- 1983-1985      Assistant Professor of Psychiatry and Behavioral Sciences  
University of Oklahoma Health Sciences Center
- 1984-1985      Private Practice, Department of Psychiatry and Behavioral Sciences  
University of Oklahoma Health Sciences Center
- 1978-1983      Director of Neuropsychology Laboratory  
Veterans Administration Medical Center, Leavenworth, Kansas
- 1979-1980      Part-time Instructor  
Kansas City Kansas Community College
- 1983              Clinical Assistant Professor of Neurology  
University of Kansas College of Health Sciences

**Academic Awards and Professional Honors:**

Honorary Professor, School of Health and Rehabilitation Sciences, University of Queensland, Brisbane, Australia (January 2005-present)

Research Career Scientist Award, Department of Veterans Affairs Rehabilitation Research and Development Service (January 2004-December 2008)

University of Florida Research Foundation Professor (2000-2003)

Faculty Research Award for the College of Health Related Professions at the University of Florida (1999)

Faculty Research Award for the College of Health Related Professions at the University of Florida (1997)

Fellow, American Psychological Association, Division of Clinical Neuropsychology (1994)

Hugh C. Davis Award for Excellence in Clinical Supervision, Department of Clinical and Health Psychology at the University of Florida (1992)

Faculty Research Award for the College of Health Related Professions at the University of Florida (1991)

Hugh C. Davis Award for Excellence in Clinical Supervision, Department of Clinical and Health Psychology at the University of Florida (1991)

Superior Performance Award, Oklahoma City Veterans Administration Medical Center (1985)

Superior Performance Award, Oklahoma City Veterans Administration Medical Center (1984)

NIDRR Rehabilitation Training Grant Stipend, Texas Tech University (1974-1976)

University Scholarship, Masters Degree Program, Southern Methodist University (1972-1973)

Ora Arnold Award in Political Science

Phi Beta Kappa (1971)

University Scholarship (1968-1972)

Raigorodsky Russian Scholarship (1971)

**Professional Affiliations:**

International Neuropsychological Society-Member

Cognitive Neuroscience Society-Member

Society for Neuroscience-Member

American Psychological Association-Fellow

Division of Clinical Neuropsychology (Fellow)

Division of Psychotherapy

Division of Rehabilitation Psychology

**Editorial Functions:**

**Critical Reviews and Dialogues Editor**

*Journal of the International Neuropsychological Society* (2004-present)

**Associate Editor**

*Journal of the International Neuropsychological Society* (2001-2004)

**Editorial Boards**

*Neuropsychology* (1993-1996; 2007-present)

*Brain Imaging and Behavior* (2006-present)

*Neuropsychology Review* (2006-present)

*The Clinical Neuropsychologist* (1988-2000)

*Journal of the International Neuropsychological Society* (1998-2000)

**Ad Hoc Reviewer**

*Journal of Clinical and Experimental Neuropsychology*

*The International Journal of Clinical and Experimental Hypnosis*

*Journal of Consulting and Clinical Psychology*

*Journal of Clinical Psychology*

*Psychological Bulletin*

*Archives of Physical Medicine and Rehabilitation*

*The Journal of Nuclear Medicine*

*Assessment*

*Journal of Head Trauma Rehabilitation*

*Brain and Language*

*Brain and Cognition*

*Archives of Clinical Neuropsychology*

*Psychiatry Research*

*Journal of Nervous and Mental Disease*

*Neurocase*

*Journal of Medical Speech-Language Pathology*

*Neuropsychiatry, Neuropsychology, and Behavioral Neurology*

*Journal of Cognitive Neuroscience*

*Neuropsychology*

*Brain*

*Journal of Neurology, Neurosurgery, and Psychiatry*

*NeuroImage*

*American Journal of Physical Medicine and Rehabilitation*

*Cognitive Brain Research*

*Cognitive and Behavioral Neurology*

*Annals of Neurology*

*Behavioural Neurology*

*Journal of Neurolinguistics*

*Cortex*

*Human Brain Mapping*

*Neuropsychologia*

*Cerebral Cortex*

*BMC Neurology*

**Grant Review Activities:**

Ad Hoc Member, Communication/SLP Review Panel, VA Rehabilitation Research and Development Merit Review Panel (August 2005)

Special Emphasis Panel, National Institute of Mental Health, Translational Research Centers in Behavioral Science (April 2002)

Member, VA Merit Review Subcommittee for Mental Health and Behavioral Sciences (1998-2001)

Ad Hoc Member, Integrated Functional Cognitive Neuroscience - 8 Scientific Review Group, National Institutes of Health (June 1998)

University of Florida Division of Sponsored Research Career Development Awards Committee (awards internal grants of up to \$25,000) (1993)

External Reviewer, Canadian Medical Research Council (1993)

Ad Hoc Study Section Member, National Institute on Alcohol Abuse and Alcoholism (1989-1991)

**Committees:**

Local

Executive Committee, Brain Rehabilitation Research Center of Excellence, Malcom Randall VA Medical Center (2001-present)

Chair, Advanced Magnetic Resonance and Spectroscopy Human/Large Animal Task Force (2004)

Coordinator of Functional Neuroimaging Core, Brain Rehabilitation Research Center, Malcolm Randall VA Brain Rehabilitation Research Center (2001-present)

Member, American Board of Clinical Neuropsychology (1996-2001)

Head of Functional Neuroimaging in Rehabilitation, University of Florida College of Health Professions (2000-present)

Associate Chair for Research, University of Florida Department of Clinical & Health Psychology (1997-2000)

Clinical Team Leader, Psychology Clinic, University of Florida Department of Clinical & Health Psychology (1991-1998)

Search Committee for Dean of College of Health Related Professions, University of Florida (1994)

Graduate Admissions Committee, University of Florida Department of Clinical & Health Psychology (1991)

Chair, Billing Forms Committee, University of Florida Department of Clinical & Health Psychology (1990-1991)

Curriculum Committee, University of Florida Department of Clinical & Health Psychology (1989-1992)

National Head Injury Foundation, Family Support Group Leader - St. Louis Bi-State Chapter, 1986-1989

Psychology Internship Selection, Department of Psychiatry and Behavioral Sciences, University of Oklahoma Health Sciences Center (1985)

Search Committee for Psychologist on Alcohol Treatment Unit, Oklahoma City VA Medical Center (1984)

Chairperson, Professional Standards Committee, Leavenworth VA Medical Center

National/International

International Neuropsychological Society, Board of Directors (2002-2005)

American Board of Clinical Neuropsychology, Board of Directors (1996-2001)

Planning Committee for the Houston Conference on Education and Training in Clinical Neuropsychology (1996-1998)

Division of Clinical Neuropsychology of American Psychological Association Chair, Education Committee, Division of Clinical Neuropsychology (1995-1997)

Division of Clinical Neuropsychology of American Psychological Association; Chair of Task Force on Education, Accreditation, and Credentialing (1993-1995)

American Psychological Association Accreditation Site Visitor (1985-1995)

Division of Clinical Neuropsychology Representative and Moderator for Conference: Health Care Reform and Psychological Practice in Health Care Settings, Indianapolis IN, May 6-8, 1994

International Neuropsychological Society, Program Committee for European Meeting (1992)

International Neuropsychological Society, Program Committee for Pacific Rim Meeting (1991)

International Neuropsychological Society, Program Committee for North American Meeting

(1988)

Division of Clinical Neuropsychology Program Committee for American Psychological Association Annual Meeting (1987)

**Primary Teaching Activities:**

**Graduate Level Courses Developed and Taught**

Practicum in Clinical Neuropsychology (1989-present)

Subcortical Functions in Cognition (1990-present)

Dynamic Psychotherapy (1996-1997)

Neuropsychological Rehabilitation (1992-1996)

Neuroscience (1993)

**Internship Training**

Clinical Psychology Internship and Postdoctoral Fellowship Supervisor, Department of Clinical & Health Psychology, University of Florida, Neuropsychology Track (1989-2000)

Clinical Psychology Internship and Postdoctoral Fellowship Supervisor, Department of Psychiatry and Behavioral Sciences, University of Oklahoma, Neuropsychology Track (1983-1985)

Clinical Psychology Internship Supervisor, Leavenworth VA Medical Center (1978-1983)

Psycho-diagnostic Case Conference. Monthly case conference conducted for the interns of the Leavenworth V.A. Psychology Service, 1980-1983.

Chair, Internship Seminar Committee, Leavenworth VA Medical Center (1979-1982)



**Doctoral Dissertation and Advisement Committees:***Doctoral Committees Chaired (Number = 12)*

<u>Student's Name</u>	<u>Years Trained</u>	<u>Current Position</u>
R. Bruce Parkinson, M.S.	1998-2006	Postdoctoral Fellow, University of Iowa
Katherine S. Richards, M.S.	1997-2005	Psychologist, Birmingham AL VA Medical Center
Christina E. Wierenga, M.S.	2000-2005	Postdoctoral Fellow, Dept. of Psychiatry, Univ. of CA, San Diego
Leeza M. Maron, Ph.D.	1995-2003	Assistant Professor of Psychiatry, Oregon Health Sciences University
Timothy W. Conway, Ph.D.	1994-2003	Assistant Research Scientist, Dept. of Clinical & Health Psychology, Univ. of FL; VA RR&D Career Devel. Award
M. Allison Cato, Ph.D.	1996-2002	Research and Clinical Neuropsychologist, Nemours Children's Clinic, Jacksonville, FL
Joseph R. Sadek, Ph.D.	1994-2000	Psychologist, VA Medical Center and Assistant Prof. of Psychiatry, University of New Mexico, Albuquerque, NM
Reid L. Skeel, Ph.D.	1993-1998	Associate Professor of Psychology, Central Michigan University
Russell R. Addeo, Ph.D.	1992-1995	Director, Outpatient Head Trauma Rehabilitation, Brooks Rehabilitation Hospital, Jacksonville, FL
Margaret C. Petry, Ph.D.	1992-1995	Private Practice, Coconut Grove, FL
Elena A. Balzac, Ph.D.	1991-1993	Neuropsychologist, Boston Medical Center/Boston University
David J.G. Williamson, Ph.D.	1990-1992	Senior Scientific Liason, Ortho-McNeil Pharmaceutical Inc., Clearwater, FL

*Doctoral Committees Served on (Member or Co-Chair) (Number = 28)*

<u>Student's Name</u>	<u>Ph.D. Awarded</u>	<u>Field</u>
Megan E. Gaiefsky, M.S. (Co-Chair)	2007	Clinical & Health Psychology
Charles Ellis, M.A.	2005	Rehabilitation Science
Erin J. Pearson, M.S.	2007	Communication Sciences & Disorders
Michael A. Cole, M.S. (Co-Chair)	2005	Clinical & Health Psychology
Christopher W. Loftis, Ph.D	2003	Clinical & Health Psychology
Steven K. Knauts, Ph.D.	2003	Clinical & Health Psychology
Carrie R. McDonald,	2003	Clinical & Health Psychology
David Soltysik, Ph.D.	2003	Nuclear & Radiological Sciences & Engineering
Kaundinya Gopinath, Ph.D.	2003	Nuclear & Radiological Sciences & Engineering
Laura J. Grande, Ph.D.	2002	Clinical & Health Psychology
Miles T. Rogish, Ph.D	2002	Clinical & Health Psychology
Angela B. Lane, Ph.D.	2001	Clinical & Health Psychology
Jane P. Mutch, Ph.D.	2001	Communication Sciences & Disorders
Jeffrey Anderson, Ph.D.	2000	Communication Sciences & Disorders
Samuel R. Browd, M.D., Ph.D.	2000	Neuroscience
Sarah R. Kortenkamp, Ph.D.	2000	Clinical & Health Psychology
Lisa H. Lu, Ph.D.	2000	Clinical & Health Psychology
Tricia M. Zawacki, Ph.D.	2000	Clinical & Health Psychology
Lyana C. Doty, Ph.D.	1999	Clinical & Health Psychology

***Doctoral Committees Served on (Member or Co-Chair), continued***

<u>Student's Name</u>	<u>Ph.D. Awarded</u>	<u>Field</u>
Randi Lincoln, Ph.D.	1999	Clinical & Health Psychology
Beth L. Macauley, Ph.D.	1998	Communication Sciences & Disorders
Tara V. Spevak, Ph.D.	1997	Clinical & Health Psychology
Paula Zuffante, Ph.D.	1997	Clinical & Health Psychology
Thomas B. Flynn, Ph.D.	1996	Clinical & Health Psychology
Nina A. Nabors, Ph.D.	1994	Clinical & Health Psychology
Robert A. Swoap, Ph.D.	1992	Clinical & Health Psychology
Travis G. White, Ph.D.	1992	Clinical & Health Psychology
Patricia V. Cooper, Ph.D.	1986	Clinical Psychology

**Masters Thesis Committees:*****Masters Committees Chaired***

<u>Student's Name</u>	<u>M.S. Awarded</u>	<u>Field</u>
Ilana F. Levy, M.S.	2007	Clinical & Health Psychology
Vonetta M. Dotson, M.S.	2002	Clinical & Health Psychology
Christina E. Wierenga, M.S.	2001	Clinical & Health Psychology
Katherine S. Fabrizio, M.S.	2000	Clinical & Health Psychology
Hope Anne Benefield, M.S.	2000	Clinical & Health Psychology
Cheryl L. Shigaki, M.S.	1995	Clinical & Health Psychology
Margaret C. Petry, M.S.	1993	Clinical & Health Psychology

***Masters Committees Served on (Member)***

<u>Student's Name</u>	<u>M.S. Awarded</u>	<u>Field</u>
Sarah Lageman, M.S.	2002	Clinical & Health Psychology
Erin Floyd, M.S.	2000	Clinical & Health Psychology
Steven K. Knauts, M.S.	1995	Clinical & Health Psychology
David Moser, M.S.	1995	Clinical & Health Psychology
Karen A. Holler, M.S.	1994	Clinical & Health Psychology

**Postdoctoral Fellows and Awardees**

<u>Name</u>	<u>Years Trained</u>	<u>Current Position</u>
David B. FitzGerald, M.D.	2006-2008	Associate Investigator, Gainesville VAMC and Courtesy Assistant Professor of Neurology, Univ. of FL
Tim W. Conway, Ph.D.	2002-2004	Career Development Award, Gainesville VAMC and Assistant Research Scientist, Univ. of FL
M. Allison Cato, Ph.D.	2002-2003	Research and Clinical Neuropsychologist, Nemours Children's Clinic, Jacksonville, FL
Anna Bacon Moore, Ph.D.	2000-2001	Research Psychologist, Atlanta VAMC and Assistant Professor of Physical Medicine and Rehab., Emory Univ.
Paul J. Moberg, Ph.D.	1990-1991	Associate Professor of Neuropsychology, University of Pennsylvania

**Grants Awarded:*****Active***

Crosson, B. (PI) Treatment of Intention in Aphasia: Neural Substrates. R01-DC007387: funded through the National Institutes of Health. National Institute on Deafness and Other

Communication Disorders. 2006-2009. (\$916,500 direct+indirect costs).

Crosson, B. (PI) Research Career Scientist Award. Funded through the Department of Veterans Affairs Rehabilitation Research and Development Service. January, 2004-December 2008 (6/8 FTE).

Rothi, L. J. G. (Center Director). Veterans Affairs RR&D Brain Rehabilitation Center. Funded through the Department of Veterans Affairs. 2004-2009 (\$4,000,000 direct costs) 1999-2004 (\$3,700,000 direct costs). Crosson's role: 12% effort as co-investigator (1999-2002); 62% as Coordinator of Imaging Core (2002-2004); (2004-present covered by Research Career Scientist Award).

Crosson, B. (PI). Functional Neuroimaging of Memory in Healthy Aging . Project M 47: E. F. McKnight Brain Research Investigator-Initiated Grant Program of the MBI-UF. 7/01/05-6/30/08. (\$250,000 direct costs).

Fernandez, H. H. (PI). Rivastigmine for the Treatment of Visual Hallucinations in Cognitively-Impaired Parkinson Patients: A Double-Blind fMRI Study with an Open-Label Extension. Novartis. 9/1/07-8/30/08. (\$259,115 direct + indirect costs)

### ***Completed***

Heilman, K. M. (PI). Cognitive Changes in Presymptomatic Parkinson's Disease. Funded through Department of Defense/Neurotoxin Exposure Treatment. 1998-2005 (\$666,745 direct + indirect costs). Crosson's role: 10% effort as co-investigator.

Rothi, L. J. G. (Program Project Director). Treatment of Aphasia and Related Disorders. P50-DC03888: funded through National Institutes of Health: National Institute of Deafness and Other Communication Disorders. 2000-2004 (\$5,400,000 direct + indirect costs).

(a) Subproject 5: Treatment of Attention and Intention in Aphasia. (\$369,103 direct costs). Crosson role: 25% effort as PI.

(b) Core B: Neuroimaging. (\$831,139 direct costs). Crosson Role 12% as Co-PI (2000-2003) and 20% as PI (2003-2004).

Crosson, B. (PI). Medial Frontal Cortex in Intentional Aspects of Language. R01-DC03455: funded through the National Institute on Deafness and Other Communication Disorders. 1997-2000 (\$589,257 direct + indirect costs).

Crosson, B. (PI). Functional Outcomes of a Rehabilitative Treatment for Non-fluent Aphasia: Evaluation and Prediction using Lesion Patterns and Performance Characteristics. Funded through P. A. Foote Small Grants Program. 2003-2004 (\$7,045 direct costs only)

Crosson, B. (PI). Changes in Word Retrieval in Normal Aging: Executive-Frontal vs. Semantic-

Temporal Substrates. Funded through the Evelyn F. McKnight Brain Research Grant Program. 2002-2003 (\$74,868 direct costs only).

Crosson, B. (PI). Treatment of Intention and Attention in Aphasia. Funded through Brooks Health Foundation, Inc. 1998-2000 (\$157,612 direct costs)

Crosson, B. & Bauer, R. M. (Co-PIs). Words, Emotions, and Memories: Investigations of Temporal Lobe activation during Language and Memory Monitoring. Funded through the University of Florida Brain Institute. 1997-1998 (\$97,122 direct costs only).

Crosson, B. (PI). Mapping of Cognitive Brain Functions with Magnetic Resonance Imaging. A Graduate Assistant Grant funded through the Division of Sponsored Research at the University of Florida, 1994-1995, (\$6,162).

Crosson, B. (PI), Nadeau, S. E., & Williams, C. M. Cerebral Activation during Narrative Language as Measured by [99mTc]-HMPAO Single Photon Emission Computerized Tomography (SPECT). A Career Development Award funded through the Division of Sponsored Research at the University of Florida, 1991-1992, (\$20,000).

Crosson, B. (PI). Attention and Aphasia. A Graduate Assistant Grant funded through the Division of Sponsored Research at the University of Florida, 1991-1992, (\$6,421)

Crosson, B. (PI), Nadeau, S. E., & Williams, C. M. Measurement of Regional Cerebral Blood Flow Using [99mTc]-HMPAO Single Photon Emission Computerized Tomography (SPECT) during Behavioral Activation in Neurologically Normal and Brain Impaired Subjects. A New Faculty Support Grant funded through Division of Sponsored Research at the University of Florida, 1989-1991, (\$7,200).

Crosson, B. (PI), Novack, T. A., Trenerry, M. R., & Craig, P. L. Performance of Normal and Head-Injured Subjects on the California Verbal Learning Test. A mini-grant funded through the Department of Psychiatry and Behavioral Sciences, University of Oklahoma Health Sciences Center, 1984-1985.

Warren, R. L. & Crosson, B. (Co-I). Validity of the Luria-Nebraska Neuropsychological Battery for Aphasic Patients. Funded through a grant from the Regional Advisory Group of the Veterans Administration, 1981-1982.

Crosson, B. (PI). Dichotic Listening as a Measure of Lateralized Cortical Dysfunction in Schizophrenia. Funded as a Flexible Funds Project through the Veterans Administration Western Regional Research and Development Office, Livermore, California, 1980.

### **Mentored Awardees and Current Positions**

Anna Bacon Moore, Ph.D. Department of Veterans Affairs, Rehabilitation Research and Development. Career Development Award (full salary and benefits + research expenses).

2001-2004. Crosson Role: Primary Mentor.

*Current Position:* Research and Staff Psychologist, Atlanta VA Medical Center; Assistant Professor of Physical Medicine and Rehabilitation, Emory University.

Anna Bacon Moore, Ph.D. Department of Veterans Affairs, Rehabilitation Research and Development. Advanced Career Development Award (full salary and benefits + research expenses). 2004-2007. Crosson Role: Mentor Committee.

*Current Position:* Research and Staff Psychologist, Atlanta VA Medical Center; Assistant Professor of Physical Medicine and Rehabilitation, Emory University.

Anna Bacon Moore, Ph.D. American Federation for Aging Research: Grant Program. 2004-2006. Crosson Role: Mentor Committee.

*Current Position:* Research and Staff Psychologist, Atlanta VA Medical Center; Assistant Professor of Physical Medicine and Rehabilitation, Emory University.

Tim W. Conway, Ph.D. Department of Veterans Affairs, Rehabilitation Research and Development. Associate Investigator Award (full salary and benefits). 2003-2005. Crosson Role: Primary Mentor.

*Current Position:* VA RR&D Career Development Awardee, Malcom Randall VA Medical Center; Assistant Research Scientist, Department of Clinical & Health Psychology, University of Florida.

Tim W. Conway, Ph.D. Department of Veterans Affairs, Rehabilitation Research and Development. Career Development Award (full salary and benefits + expenses). 2005-2008. Crosson Role: Primary Mentor.

*Current Position:* VA RR&D Career Development Awardee, Malcom Randall VA Medical Center; Assistant Research Scientist, Department of Clinical & Health Psychology, University of Florida.

David B. FitzGerald, M.D. Department of Veterans Affairs, Rehabilitation Research and Development. Associate Investigator Award (full salary and benefits). 2006-2008. Crosson Role: Primary Mentor.

*Current Position:* VA RR&D Associate Investigator, Malcom Randall VA Medical Center; Courtesy Assistant Professor, Department Neurology, University of Florida.

Christina E. Wierenga, M.S., Department of Veterans Affairs, Rehabilitation Research and Development. Predoctoral Fellowship (full salary and benefits). 2003-2004. Crosson Role: Primary Mentor.

*Current Position:* Postdoctoral Fellow, Department of Psychiatry, University of California, San Diego

Megan E. Gaiefsky, M.S., Department of Veterans Affairs, Rehabilitation Research and Development. Predoctoral Fellowship (full salary and benefits). 2004-2005. Crosson Role: Primary Mentor.

*Current Position:* Psychology Intern, Birmingham VA Medical Center, University of

Alabama at Birmingham



**Publications:****Refereed Journal Articles: (Total of 81, excluding submitted/in revision manuscripts)**

McGregor, K. M., Crosson, B., White, K.D. (submitted). Negative BOLD response in the ipsilateral hemisphere of young and old adults during right-hand movements.

Conway, T., Heilman, K. M., Gopinath, K., Bauer, R., Briggs, R. W., Torgesen, J. K., Crosson, B. (in revision). Neural mechanisms of phoneme segmentation and auditory-verbal working memory in phonological dyslexia: Is comparator function impaired?

Wierenga, C. E., Perlstein, W. M., Benjamin, M., Leonard, C., Rothi, L. G., Conway, T., Cato, M. A., Gopinath, K., Briggs, R., Crosson, B. (in revision). Neural substrates of object identification: fMRI evidence that category and visual attribute contribute to semantic knowledge.

Rothi, L. J. G., Fuller, R., Kendall, D., Leon, S. A., Moore, A., Nadeau, S., Wu, S. S., Crosson, B., Heilman, K. M. (submitted). Errorless practice as a possible adjuvant to donepezil in Alzheimer's disease.

Gopinath, K., Crosson, B., McGregor, K., Peck, K. K., Chang Y.-L., Moore, A., Sherod, M., Cavanagh, C., Wabnitz, A., Wierenga, C., White, K., Cheshkova, S., Krishnamurthy, V., Briggs, R. W. (in press). Selective detrending method for reducing task-correlated motion artifact during speech in event-related FMRI. *Human Brain Mapping*.

Hu, J., Lee, J.-M., Gao, J., White, K. D., Crosson, B. (2008). Assessing a signal model and identifying brain activity from fMRI data by a detrending-based fractal analysis. *Brain Structure and Function*, **212**, 417-426.

Lee, J.-M., Hu, J., Gao, J., Crosson, B., Peck, K. K., Wierenga, C. W., McGregor, K., Zhao, Q., White, K. D. (2008). Discriminating brain activity from task-related artifacts in functional MRI: Fractal scaling analysis simulation and application. *NeuroImage*, **40**, 196-212.

Wierenga, C. E., Benjamin, M., Gopinath, K., Perlstein, W. M., Leonard, C. M., Rothi, L. J. G., Conway, T., Cato, M. A., Briggs, R. W., Crosson, B. (2008). Age-related changes in word retrieval: Role of bilateral frontal and subcortical networks. *Neurobiology of Aging*, **29**, 436-451.

Dotson, V. M., Singletary, F., Fuller, R., Koehler, S., Bacon Moore, A., Rothi, L. J. G., Crosson, B. (2008). Treatment of word-finding deficits in fluent aphasia through the manipulation of spatial attention: Preliminary findings. *Aphasiology*, **22**, 103-113.

Crosson, B., McGregor, K., Gopinath, K. S., Conway, T. W., Benjamin, M., Chang, Y.-L., Bacon Moore, A., Raymer, A. M., Briggs, R. W., Sherod, M. G., Wierenga, C. E., White, K. D.

- (2007). Functional MRI of language in aphasia: A review of the literature and the methodological challenges. *Neuropsychology Review*, **17**, 157-177.
- Crosson, B., Fabrizio, K. S., Singletary, F., Cato, M. A., Wierenga, C. E., Parkinson, R. B., Sherod, M. E., Bacon Moore, A., Ciampitti, M., Holiway, B., Leon, S., Rodriguez, A., Kendall, D. L., Levy, I. F., Gonzalez Rothi, L. J. (2007). Treatment of naming in nonfluent aphasia through manipulation of intention and attention: A phase 1 comparison of two novel treatments. *Journal of the International Neuropsychological Society*, **13**, 582-594.
- Cato Jackson, M. A., Crosson, B. (2006). Emotional connotation of words: Role of emotion in distributed semantic systems. *Progress in Brain Research*, **156**, 2006, 205-216.
- Grande, L. J., Crosson, B., Bauer, R. M., Heilman, K. M., Kilduff, P., McGlinchey, R. (2006). Visual Selective Attention in Parkinson's Disease: Dissociation of Exogenous and Endogenous Inhibition. *Neuropsychology*, **20**, 370-382.
- Wierenga, C. E., Maher, L. M., Bacon Moore, A., White, K. D., McGregor, K., Soltysik, D. A., Peck, K. K., Gopinath, K. S., Singletary, F., Rothi, L. J. G., Briggs, R. W., Crosson, B. (2006). Neural Substrates of Syntactic Mapping Treatment: An fMRI Study of Two Cases. *Journal of the International Neuropsychological Society*, **12**, 132-146.
- Blonder, L. X., Heilman, K. M., Ketterson, T., Rosenbek, J., Raymer, A., Crosson, B., Maher, L., Glueckauf, R., Rothi, L. G. (2005). Affective facial and lexical expression in aprosodic versus aphasic stroke patients. *Journal of the International Neuropsychological Society*, **11**, 677-85.
- Crosson, B., Bacon Moore, A., Gopinath, K., White, K. D., Wierenga, C. E., Gaiefsky, M. E., Fabrizio, K. R., Peck, K. K., Soltysik, D., Milstead, C., Briggs, R. W., Conway, T. W., Rothi, L. J. G. (2005). Role of the Right and Left Hemispheres in Recovery of Function during Treatment of Intention in Aphasia. *Journal of Cognitive Neuroscience*, **17**, 392-406.
- Peck, K. K., Wierenga, C. E., Bacon Moore, A., Maher, M., Gopinath, K., Gaiefsky, M., Briggs, R. W., & Crosson, B. (2004). Comparison of Baseline Conditions to Investigate Syntactic Production using Functional Magnetic Resonance Imaging. *NeuroImage*, **23**, 104-110.
- Soltysik, D. A., Peck, K. K., White, K. D., Crosson, B., Briggs, R. W. (2004). Comparison of Hemodynamic Response Nonlinearity across Primary Cortical Areas. *NeuroImage*, **22**, 1117-1127.
- Cato, M. A., Crosson, B., Gökçay, D., Soltysik, D., Wierenga, C., Gopinath, K., Himes, N., Belanger, H., Bauer, R. M., Fischler, I. S., Gonzalez Rothi, L., & Briggs, R. W. (2004). Processing Words with Emotional Connotation: An fMRI Study of Time Course and Laterality in Rostral Frontal and Retrosplenial Cortices. *Journal of Cognitive Neuroscience*, **16**, 167-177.

- Peck, K. K., Moore, A. B., Crosson, B., Gaiefsky, M., Gopinath, K. S., White, K., & Briggs, R. W. (2004). Pre and Post fMRI of an Aphasia Therapy: Shifts in Hemodynamic Time to Peak during an Overt Language Task. *Stroke*, **35**, 554-559.
- King, T. Z., Fennell, E., Williams, L., Algina, J., Boggs, S., Crosson, B., & Leonard, C. (2004). Verbal memory abilities of children with brain tumors. *Child Neuropsychology*, **10**, 76-88.
- Crosson, B. & Haaland, K. Y. (2003). Subcortical functions in cognition: Toward a consensus. *Journal of the International Neuropsychological Society*, **9**, 1027-1030.
- Crosson, B., Benefield, H., Cato, M. A., Sadek, J. R., Moore, A. B., Wierenga, C. E., Gopinath, K., Soltysik, D., Bauer, R. M., Auerbach, E. J., Gökçay, D., Leonard, C. M., & Briggs, R. W. (2003). Left and Right Basal Ganglia and Frontal Activity during Language Generation: Contributions to Lexical, Semantic, and Phonological Processes. *Journal of the International Neuropsychological Society*, **9**, 1061-1077.
- Glueckauf, R. L., Blonder, L. X., Ecklund-Johnson, E., Maher, L., Crosson, B., & Rothi, L. G. (2003). Functional Outcome Questionnaire for Aphasia: Overview and preliminary psychometric evaluation. *Neurorehabilitation*, **18**, 281-290.
- Verne, G. N., Himes, N., Robinson, M. R., Gopinath, K., Briggs, R. W., Crosson, B., Price, D. (2003). Central representation of visceral and cutaneous hypersensitivity in the irritable bowel syndrome. *Pain*, **103**, 99-110.
- Crosson, B., Cato, M. A., Sadek, J. R., Gökçay, D., Bauer, R. M., Fischler, I. S., Maron, L., Gopinath, K., Auerbach, E. J., Browd, S. R., Briggs, R. W. (2002). Semantic Monitoring of Words with Emotional Connotation during fMRI: Contribution of Anterior Left Frontal Cortex. *Journal of the International Neuropsychological Society*, **8**, 607-622.
- Lu, L. H., Crosson, B., Nadeau, S. E., Heilman, K. M., Rothi, L. J. G., Raymer, A., Gilmore, R. L., Bauer, R. M., Roper, S. N. (2002). Category-Specific Naming Deficits for Objects and Actions: Semantic Attribute and Grammatical Role Hypotheses. *Neuropsychologia*, **40**, 1608-1621.
- Raymer, A. M., Rowland, L., Haley, M., & Crosson, B. (2002). Nonsymbolic movement training to improve sentence generation in transcortical motor aphasia: A case study. *Aphasiology*, **16**, 493-506.
- Richards, K., Singletary, F., Rothi, L. J. G., Koehler, S., Crosson, B. (2002). The Activation of Intentional Mechanisms through Utilization of Nonsymbolic Movements in Aphasia Rehabilitation. *Journal of Rehabilitation Research and Development*, **39**, 445-454.
- King, T. Z., Fennell, E. B., Bauer, R., Crosson, B., Dede, D., Riley, J. L., Robinson, M. E., Uthman, B., Gilmore, R., & Roper, S. N. (2002). MMPI-2 profiles of patients with intractable

- epilepsy. *Archives of Clinical Neuropsychology*, **17**, 583-593.
- McDonald, C. R., Crosson, B., Valenstein, E., & Bowers, D. (2001). Verbal encoding deficit in a patient with a left retrosplenial lesion. *Neurocase*, **7**, 407-417.
- Crosson, B., Sadek, J. R., Maron, L., Gökçay, D., Mohr, C. M., Auerbach, E. J., Freeman, A. J., Leonard, C. M., Briggs, R. W. (2001). Relative Shift in Activity from Medial to Lateral Frontal Cortex during Internally versus Externally Guided Word Generation. *Journal of Cognitive Neuroscience*, **13**, 272-283.
- Skeel, R. L., Crosson, B., Nadeau, S. N., Algina, J., Bauer, R. M., & Fennell, E. (2001). Basal ganglia dysfunction, working memory, and sentence comprehension in patients with Parkinson's disease. *Neuropsychologia*, **39**, 962-971.
- Cato, M. A., Moore, A. B., & Crosson, B. (2001). Revealing semantic organization in the brain using functional neuroimaging: A review. *Topics in Language Disorders*, **21**(3), 60-74.
- Crosson, B., Cato, M. A., Sadek, J. R., & Lu, L. (2000). Organization of semantic knowledge in the human brain: Toward a resolution in the next millennium. *Brain and Cognition*, **42**, 146-148.
- Schwartz, R. L., Adair, J. C., Raymer, A. M., Williamson, D. J. G., Crosson, B., Rothi, L. J. G., Nadeau, S. E., & Heilman, K. M. (2000). Conceptual apraxia in probable alzheimer's disease as demonstrated by the Florida Action Recall Test. *Journal of the International Neuropsychological Society*, **6**, 265-270.
- Crosson, B., Radonovich, K., Sadek, J. R., Gökçay, D., Bauer, R. M., Fischler, I. S., Cato, M. A., Maron, L., Auerbach, E. J., Browd, S. R., Briggs, R. W. (1999). Left-Hemisphere Processing of Emotional Connotation during Word Generation. *NeuroReport*, **10**, 2449-2455.
- Gökçay, D., Mohr, C. M., Crosson, B., Leonard, C. M., & Bobholz, J. A. (1999). LOFA: Software for individualized localization of functional MRI anatomy. *NeuroImage*, **10**, 749-755.
- Crosson, B., Sadek, J. R., Bobholz, J. A., Gökçay, D., Mohr, C. M., Leonard, C. M., Maron, L., Auerbach, E. J., Browd, S. R., Freeman, A. J., & Briggs, R. W. (1999). Activity in the paracingulate and cingulate sulci during word generation: An fMRI study of functional anatomy. *Cerebral Cortex*, **9**, 307-316.
- Crosson, B., Rao, S. M., Woodley, S. J., Rosen, A.C., Hammeke, T. A., Bobholz, J. A., Mayer, A., Cunningham, J. M., Fuller, S.A., Binder, J. R., Cox, R. W. & Stein, E. A. (1999). Mapping of Semantic, Phonological, and Orthographic Verbal Working Memory in Normal Adults with FMRI. *Neuropsychology*, **13**, 171-187.
- Crosson, B. (1999). Subcortical mechanisms in language: Lexical-semantic mechanisms and the

- thalamus. *Brain and Cognition*, **40**, 414-438.
- Anderson, J. M., Gilmore, R., Roper, S., Crosson, B., Bauer, R. M., Nadeau, S., Beversdorf, D. Q., Cibula, J., Rogish, M., Kortenkamp, S., Hughes, J. D., Rothi, L. J. G., & Heilman, K. M. (1999). Conduction aphasia and the arcuate fasciculus: A re-examination of the Wernicke Geschwind model. *Brain and Language*, **70**, 1-12.
- Conway, T. W., Heilman, P., Rothi, L. J. G., Alexander, A. W., Adair, J., Crosson, B., & Heilman, K. M. (1998). Treatment of a case of phonological alexia with agraphia using the Auditory Discrimination in Depth (ADD) Program. *Journal of the International Neuropsychological Society*, **4**, 608-620.
- Nadeau, S. E., Williamson, D. J. G., Crosson, B., Gonzalez-Rothi, L. J., & Heilman, K. M. (1998). Functional imaging: Heterogeneity in task strategy and functional anatomy and the case for individual analysis. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology*, **11**, 83-96.
- Crosson, B., Zawacki, T., Brinson, G., Lu, L., & Sadek, J. R. (1997). Models of subcortical functions in language: Current status. *Journal of Neurolinguistics*, **10**, 277-301.
- Crosson, B., Moberg, P. J., Boone, J. R., Rothi, L. J. G., & Raymer, A. (1997). Category-specific naming deficit for medical terms after dominant thalamic/capsular hemorrhage. *Brain and Language*, **60**, 407-442.
- Nadeau, S. E., Crosson, B., Schwartz, R. L., & Heilman, K. M. (1997). Gaze-related enhancement of hemispheric blood flow in a stroke patient. *Journal of Neurology, Neurosurgery, and Psychiatry*, **62**, 538-540.
- Nadeau, S. E., Hammond, E., Williamson, D. J., & Crosson, B. (1997). Resting and stimulated states in functional imaging studies: Evidence of differences in attentional and intentional set. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology*, **10**, 162-163.
- Nadeau, S. E. & Crosson, B. (1997). Subcortical aphasia. *Brain and Language*, **58**, 355-402.
- Nadeau, S. E. & Crosson, B. (1997). Subcortical aphasia: Response to reviews. *Brain and Language*, **58**, 436-458.
- Raymer, A. M., Moberg, P. J., Crosson, B., Nadeau, S. E., & Gonzalez-Rothi, L. J. (1997). Lexical-semantic deficits in two cases of thalamic lesion. *Neuropsychologia*, **35**, 211-219.
- Mennemeier, M., Crosson, B., Williamson, D. J., Nadeau, S. E., Fennell, E. B., Valenstein, E., & Heilman, K. M. (1997). Tapping, Talking and the Thalamus: Possible Influence of the Intralaminar Nuclei on Basal Ganglia Function. *Neuropsychologia*, **35**, 183-193.
- Holler, K. A., Fennell, E. B., Crosson, B., Boggs, S. R., & Mickle, J. P. (1995).

- Neuropsychological and adaptive functioning in younger versus older children shunted for early hydrocephalus. *Child Neuropsychology*, **1**, 63-73.
- White, T. G., Bauer, R. M., Bowers, D., Crosson, B., & Kessler, H. R. (1995). Recall of three words after five minutes: Its relationship to performance on neuropsychological memory tests. *Applied Neuropsychology*, **2**, 130-138.
- Nadeau, S. E. & Crosson, B. (1995). A guide to the functional imaging of cognitive processes. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology*, **8**, 143-162.
- Shuren, J. E., Flynn, T., Fennell, E., Crosson, B. (1995). Insula and obsessive-compulsive disorder. *Canadian Journal of Psychiatry*, **40**, 112.
- Novack, T. A., Kofoed, B. A., & Crosson, B. (1995). Sequential performance on the California Verbal Learning Test following traumatic brain injury. *The Clinical Neuropsychologist*, **9**, 38-43.
- Petry, M. C., Crosson, B., Rothi, L. J. G., Bauer, R. M., Schauer, C. A. (1994). Selective attention and aphasia in adults: Preliminary findings. *Neuropsychologia*, **32**, 1397-1408.
- Crosson, B., Williamson, D. J. G., Shukla, S. S., Honeyman, J. C., & Nadeau, S. E. (1994). A technique for localizing activation in the human brain with [<sup>99m</sup>Tc]-HMPAO SPECT: A validation study using visual stimulation. *The Journal of Nuclear Medicine*, **35**, 755-763.
- Lincoln, R. K., Crosson, B., Bauer, R. M., Cooper, P. V., & Velozo, C. A. (1994). Relationship between WAIS-R subtests and language measures after blunt head injury. *The Clinical Neuropsychologist*, **8**, 140-152.
- Crosson, B., Cooper, P. V., Lincoln, R. K., Bauer, R. M., & Velozo, C. A. (1993). Relationship between verbal memory and language performance after blunt head injury. *The Clinical Neuropsychologist*, **7**, 250-267.
- Crosson, B., Sartor, K. J., Jenny, A. B., Nabors, N. A., & Moberg, P. J. (1993). Increased intrusions during verbal recall in traumatic and non-traumatic lesions of the temporal lobe. *Neuropsychology*, **7**, 193-208.
- Shukla, S. S., Honeyman, J. C., Crosson, B., Williams, C. M., & Nadeau, S. E. (1992). Method for registering brain SPECT and MR images. *Journal of Computer Assisted Tomography*, **16**, 966-970.
- Crosson, B., Greene, R. L., Roth, D. L., Farr, S. P., & Adams, R. L. (1990). WAIS-R cluster analysis in a heterogeneous sample of blunt head injury. *The Clinical Neuropsychologist*, **4**, 253-262.
- Cooper, P. V., Numan, B. K., & Crosson, B. (1989). Story and list recall measures of verbal

- memory in a head-injured sample. *Neuropsychology*, **3**, 1-8.
- Crosson, B., Barco, P. P., Velozo, C. A., Bolesta, M. M., Cooper, P.V. Werts, D., & Brobeck, T. C. (1989). Awareness and compensation in postacute head injury rehabilitation. *Journal of Head Trauma Rehabilitation*, **4**(3), 46-54.
- Crosson, B., Novack, T. A., Trenerry, M. R., & Craig, P. L. (1989). Differentiation of memory deficits in blunt head injury using the California Verbal Learning Test: An exploratory study. *The Clinical Neuropsychologist*, **3**, 29-44.
- Crosson, B., Novack, T. A., Trenerry, M. R., & Craig, P. L. (1988). California Verbal Learning Test (CVLT) performance in severely head-injured and neurologically normal adult males. *Journal of Clinical and Experimental Neuropsychology*, **10**, 754-768.
- Crosson, B. & Hughes, C. W. (1987). The role of the thalamus in abnormal language: Is it related to schizophrenic language and thought? *Schizophrenia Bulletin*, **13**, 605-621.
- Crosson, B. (1987). Treatment of interpersonal deficits for head-trauma patients in inpatient rehabilitation settings. *The Clinical Neuropsychologist*, **1**, 335-352.
- Crosson, B. (1986). On localized versus systemic effects in alcoholic Korsakoff's syndrome: A comment on Butters (1985). *Journal of Clinical and Experimental Neuropsychology*, **8**, 744-748.
- Crosson, B., Parker, J. C., Warren, R. L., Kepes, J. J., Kim, A. K., & Tulley, R. C. (1986). A case of thalamic aphasia with post mortem verification. *Brain and Language*, **29**, 301-314.
- Roth, D. L. & Crosson, B. (1985). Memory span and long-term memory deficits in brain-impaired patients. *Journal of Clinical Psychology*, **41**, 521-527.
- Crosson, B. (1985). Subcortical aphasia: A working model. *Brain and Language*, **25**, 257-292.
- Roth, D. L., Hughes, C. W., Monkowski, P. G., & Crosson, B. (1984). Investigation of validity of WAIS-R short forms for patients suspected to have brain impairment. *Journal of Consulting and Clinical Psychology*, **52**, 722-723.
- Crosson, B., Hughes, C. W., Roth, D. L., & Monkowski, P. G. (1984). A review of Russell's (1975) norms for the Logical Memory and Visual Reproduction subtests of the Wechsler Memory Scale. *Journal of Consulting and Clinical Psychology*, **52**, 635-641.
- Crosson, B. (1984). The role of the dominant thalamus in language: A review. *Psychological Bulletin*, **96**, 491-517.
- Crosson, B. & Buenning, W. (1984). An individualized memory retraining program after closed-head injury. *Journal of Clinical Neuropsychology*, **6**, 287-301.

- Warren, R. L. & Crosson, B. (1983). The validity of testing aphasic patients with the Luria-Nebraska Battery: Preliminary findings. *Proceedings of the 1983 Clinical Aphasiology Conference*. Minneapolis: B R K Publishers.
- Crosson, B. & Warren, R. L. (1982). Use of the Luria-Nebraska Neuropsychological Battery in aphasia: A conceptual critique. *Journal of Consulting and Clinical Psychology*, **50**, 22-31.
- Crosson, B. & Trautt, G. M. (1981). Cortical functioning during recovery from brainstem infarction: A case report. *Clinical Neuropsychology*, **3**, 3-7.
- Crosson, B. & Warren, R. L. (1981). Dichotic ear preference for C-V-C words in Wernicke's and Broca's aphasias. *Cortex*, **17**, 249-258.
- Crosson, B. (1980). Control of skin temperature through biofeedback and suggestion with hypnotized college women. *The International Journal of Clinical and Experimental Hypnosis*, **28**, 75-87.
- Crosson, B., Meinz, R., Laur, E., Williams, D., & Andreychuk, T. (1977). EEG alpha training, hypnotic susceptibility, and baseline techniques. *The International Journal of Clinical and Experimental Hypnosis*, **25**, 348-360.
- Crosson, B., Flynn, W. E., & Gerken, G. M. (1976). Multidimensional auditory discriminations in cats. *Acta Neurobiological Experimentalis*, **36**, 393-398.
- Book Chapters: (Total of 19)**
- Crosson, B., Benjamin, M., Levy, I. (2007). Role of the basal ganglia in language and semantics: Supporting cast. In J. Hart, Jr. & M Kraut (eds.), *Neural Basis of Semantic Memory*, (pp. 219-243). New York: Cambridge University Press.
- Crosson, B. (2007). Functional neuroimaging of impaired language: Aphasia. In J. DeLuca (Ed.) *Functional Neuroimaging in Impaired Populations*, (pp. 219-246). New York: Guilford.
- Cato, M. A. & Crosson, B. (2006). Stable and slowly progressive dementias. In D. K. Attix & K. A. Welsh-Bohmer (eds.), *Geriatric Neuropsychology: Assessment and Intervention*. (pp. 89-102). New York: Guilford.
- Crosson, B., Moore, A. B., Wierenga, C. M. (2003). Syndromes Due to Acquired Basal Ganglia Damage. In T. E. Feinberg & M. J. Farah (eds.), *Behavioral Neurology and Neuropsychology*. 2<sup>nd</sup> edition (pp. 411-418). New York: McGraw-Hill.
- Crosson, B., Maron, L., Moore, A. B., & Grande, L. (2002). Basal ganglia. In V. S. Ramachandran (ed.), *Encyclopedia of the Human Brain*. (pp. 367-379). New York: Elsevier Science.



- Conway, T. & Crosson, B. (2000). Neuropsychological assessment. In R. G. Frank & T. R. Elliott (eds.), *Handbook of Rehabilitation Psychology*. (pp. 327-344). Washington, DC: American Psychological Association.
- Crosson, B. (2000). Systems that support language processes: Attention. In S. E. Nadeau, L. J. G. Rothi, & B. Crosson (eds), *Aphasia and Language: Theory to Practice*. (pp. 372-398). New York: Guilford Press.
- Crosson, B. (2000). Systems that support language processes: Verbal Working Memory. In S. E. Nadeau, L. J. G. Rothi, & B. Crosson (eds), *Aphasia and Language: Theory to Practice*. (pp. 399-418). New York: Guilford Press.
- Crosson, B. (2000). Application of neuropsychological assessment results. In R. D. Vanderploeg (ed.), *Issues in Neuropsychological Assessment, 2<sup>nd</sup> Edition*. Hillsdale, NJ: Lawrence Erlbaum Associates, Inc., 113-163.
- Crosson, B. & Nadeau, S. E. (1998). The role of subcortical structures in linguistic processes: Recent developments. In B. Stemmer & H. Whitaker (eds.), *Handbook of Neurolinguistics*. San Diego, CA: Academic Press, 431-445.
- Crosson, B. Subcortical Limb Apraxia. (1997). In L. J. G. Rothi & K. M. Heilman (eds.), *Apraxia: The Neuropsychology of Action*. East Sussex, UK: Erlbaum (UK), 207-243.
- Crosson, B. (1997). Syndromes Due to Acquired Basal Ganglia Damage. In T. E. Feinberg & M. J. Farah (eds.), *Behavioral Neurology and Neuropsychology*. New York: McGraw-Hill, 427-432.
- Crosson, B. (1996). Assessment of subtle language deficits in neuropsychological batteries: Strategies and implications. In R. J. Sbordone & C. J. Long (eds.), *Ecological Validity of Neuropsychological Testing*. Delray Beach, FL: GR Press/St. Lucie Press, 243-260.
- DiCowden, M. A., Crosson, B. A., & McSweeny, A. J. (1996). Education and training. In R. L. Glueckauf, R. G. Frank, G. R. Bond, & J. H. McGrew (eds.), *Psychological Practice in a Changing Health Care System*. New York: Springer Publishing Company, 176-189.
- Crosson, B. (1994). Application of neuropsychological assessment results. In R. D. Vanderploeg (ed.), *Issues in Neuropsychological Assessment*. Hillsdale, NJ: Lawrence Erlbaum Associates, Inc., 113-163.
- Crosson, B. (1992). Is the striatum involved in language? In G. Vallar, S. F. Cappa, & C.-W. Wallesch (eds.), *Neuropsychological Disorders Associated with Subcortical Lesions*. Oxford: Oxford University Press, 268-293.
- Barco, P. P., Crosson, B., Bolesta, M. M., Werts, D., & Stout, R. (1991). Levels of awareness and compensation in cognitive rehabilitation. In J. S. Kreutzer & P. Wehman (eds.), *Cognitive*

*Rehabilitation for Persons with Traumatic Brain Injury: A Functional Approach.*  
Baltimore: Paul Brookes Publishing Company, 129-146.

Sandson, J., Crosson, B., Posner, M. I., Brobeck, T. C., Barco, P. P., & Velozo, C. A. (1988). Attentional imbalances following head injury. In J. M. Williams & C. J. Long (eds.), *Cognitive Neuropsychology*. New York: Plenum, 45-59.

Crosson, B., Novack, T. A., & Trenerry, M. R. (1988). Subcortical language mechanisms: Window on a new frontier. In H. A. Whitaker (ed.), *Phonological Processes and Brain Mechanisms*. New York: Springer-Verlag, 24-58.

### **Books:**

S. E. Nadeau, L. J. G. Rothi, & B. Crosson (eds) (2000). *Aphasia and Language: Theory to Practice*. New York: Guilford Press.

Crosson, B. (1992). *Subcortical Functions in Language and Memory*. New York: Guilford Press.

### **Published Psychological Tests:**

Trenerry, M. R., Crosson, B., DeBoe, J., & Leber, W. R. (1990). *Visual Search and Attention Test*. Odessa FL: Psychological Assessment Resources.

Trenerry, M. R., Crosson, B., DeBoe, J., & Leber, W. R. (1989). *Stroop Neuropsychological Screening Test*. Odessa FL: Psychological Assessment Resources, Inc.

### **Monographs:**

Hannay, H. J., Bieliauskas, L., Crosson, B. A., Hammeke, T. A., Hamsher, K. deS., & Koffler, S. (editors). (1998). Proceedings of the Houston Conference on Specialty Education and Training in Clinical Neuropsychology. *Archives of Clinical Neuropsychology*, **13**, 157-249.

Crosson, B. & Warren, R. L. (1981). A critical review of the Luria-Nebraska Neuropsychological Battery. *Perspectives in Veterans Administration Neuropsychology and Rehabilitation: Proceedings of Mental Health and Behavioral Sciences Service Conference*. Salt Lake City: Veterans Administration, 77-101.

### **Book Reviews:**

Crosson, B. (1997). Basal ganglia basics. Review of J. C. Houk, J. L. Davis, & D. G. Beiser's (eds.) *Models of Information Processing in the Basal Ganglia*. *Journal of the International Neuropsychological Society*, **3**, 204-205.

Crosson, B. (1990). The unfolding of behavioral neuroscience. Review of J. Brown's *The Life of the Mind: Selected Papers*. *Contemporary Psychology*, **35**, 137-138.

Crosson, B. (1986). Retrospective on 25 years of aging research. Review of The Duke Longitudinal Studies of Normal Aging: 1955-1980. *Contemporary Psychology*, **31**, 988-989.

**Published Abstracts: (Total of 116)**

Benjamin, M. L., McGregor, K. M., Chang, Y., White, K. D., Rackleman, C., Sherod, M., Levy, I., Crosson, B. (2008). Hemispheric asymmetry reductions in older adults during category exemplar generation. *International Neuropsychological Society: 36th Annual Meeting Program & Abstracts*, 156. (36<sup>th</sup> Annual International Neuropsychological Society Meeting, February 2008, Waikoloa, HI).

McGregor, K. M., Benjamin, M. L., Chang, Y., Zlatar, Z., Rackleman, C., Sherod, M., Levy, I., White, K. D., Crosson, B. (2008). Age group comparisons in category member generation tasks: Effects of task design. *International Neuropsychological Society: 36th Annual Meeting Program & Abstracts*, 172. (36<sup>th</sup> Annual International Neuropsychological Society Meeting, February 2008, Waikoloa, HI).

Kluger, B., McGregor, K., Drago, V., Benjamin, M., Mizuno, T., White, K., Crosson, B., Heilman, K. (2007). An fMRI study of the crossed response inhibition task in Parkinson's disease. *Journal of Cognitive Neuroscience*, **suppl.**, 101. (2007 Annual Meeting of the Cognitive Neuroscience Society, New York, NY).

Crosson, B., McGregor, K., Benjamin, M., Chang, Y.-L., Bacon Moore, A., Gopinath, K., Peck, K., Wierenga, C., Wabnitz, A., Gaiefsky, M., Soltysik, D., Cavanagh, C., Gonzalez Rothi, L., Briggs, R., White, K. (2007). Can manipulating intention change frontal lateralization for word production during aphasia treatment? *Journal of Cognitive Neuroscience*, **suppl.**, 255. (2007 Annual Meeting of the Cognitive Neuroscience Society, New York, NY).

Tyner, C. E., Deltoro, C., Gaiefsky, M. E., Klenberb, K., Levy, I., White, K. D., Crosson, B., Moore, A. B. (2007). Homographs: Bringing norms to present. *International Neuropsychological Society: 35th Annual Meeting Program & Abstracts*, 141. (35<sup>th</sup> Annual International Neuropsychological Society Meeting, February 2007, Portland, OR).

Moore, A. B., Li, Z., Tyner, C. E., Crosson, B. (2007). Frontal-subcortical circuits in verbal working memory: An fMRI study. *International Neuropsychological Society: 35th Annual Meeting Program & Abstracts*, 234. (35<sup>th</sup> Annual International Neuropsychological Society Meeting, February 2007, Portland, OR).

Altmann, L. J., Crosson, B., Mikell, E., Deltoro, C. M., Leon, S., Blonder, L. X., Gonzalez Rothi, L. J. (2007). Change in discourse quality following an attentional treatment for anomia. *International Neuropsychological Society: 35th Annual Meeting Program & Abstracts*, 255. (35<sup>th</sup> Annual International Neuropsychological Society Meeting, February 2007, Portland, OR).

- Zhao, Q., White K. D., Conway, T., McGregor, K., Crosson, B. (2006). Test-retest reliability of fMRI using SmartPhantom. *Proceedings of the International Society for Magnetic Resonance in Medicine*, **14**, 2835. (Meeting of the International Society for Magnetic Resonance in Medicine, May 2006, Seattle, WA).
- Li, Y., Zhao, Q., Kimkeman, M., Conway, T., White, D. D., McGregor, K., Crosson, B. (2006). Characterization and suppression of system noise due to scanner instability in fMRI using Smart Phantom BOLD simulator. *Proceedings of the International Society for Magnetic Resonance in Medicine*, **14**, 2802. (Meeting of the International Society for Magnetic Resonance in Medicine, May 2006, Seattle, WA).
- McGregor, K., White, K., Craggs, J., Benjamin, M., Crosson, B. (2006). Age-related differences in prevalence of negative BOLD. *Journal of Cognitive Neuroscience, Supplement: Annual Meeting Program of the Cognitive Neuroscience Society*, 239. (Annual Meeting of the Cognitive Neuroscience Society, April 2006, San Francisco, CA).
- Perez, T., McGregor, K., White, K., Gaiefsky, M., Kurtzman, M., Wierenga, C., Benjamin, M., Crosson, B. (2006). Changes in activation of neural substrates in two atients with agrammatic aphasia after syntactic mapping treatment. *Journal of Cognitive Neuroscience, Supplement: Annual Meeting Program of the Cognitive Neuroscience Society*, 129. (Annual Meeting of the Cognitive Neuroscience Society, April 2006, San Frisco, CA).
- Ellis, C., Okun, M.S., Gonzalez-Rothi, L.J., Crosson, B., Rogalski, Y. Rosenbek, J.C. (2006). Expressive language use after PD: Deficits in use but not form. *Movement Disorders*, **21** (S13), 97-98. (World Parkinson Conference, February 2006. Washington, DC).
- Crosson, B. (2006). Compensatory reorganization in recovery from aphasia after stroke. Paper presented in the symposium A Critique of the Compensatory Hypothesis: Survey of Functional MRI Studies across Neuropsychological Disorders. *International Neuropsychological Society: 34th Annual Meeting Program & Abstracts*, 82-83.
- Chang, Y., Conway, T., Kendall, D., McGregor, K., Gopinath, K., Peck, K. K., Benjamin, M., Kurtzman, M., Wabnitz, A., Perez, T. Gonzalez Rothi, L. J., White, K. & Crosson, B. (2006). fMRI Reveals Neural Reorganization of Overt Pseudoword Repetition Following Phonological-Motor Treatment of Phonological Alexia Nonfluent Aphasia. *International Neuropsychological Society: 34th Annual Meeting Program & Abstracts*, 119. (34<sup>th</sup> Annual International Neuropsychological Society Meeting, February 2006, Boston, MA).
- Orynich, C., Perez, T., Wabnitz, A., Crosson, B., Bacon Moore, A., McGregor, K., Gopinath, K., Wierenga, C., Gaiefsky, M. E., Peck, K. K., Briggs, R. W., Conway, T. W., Gonzalez Rothi, L. & White, K. D. (2006). Time Courses of fMRI Activations Spanning the Stimulus-Response Interval During Word Generation by Nonfluent Aphasics. *International Neuropsychological Society: 34th Annual Meeting Program & Abstracts*, 119. (34<sup>th</sup> Annual International Neuropsychological Society Meeting, February 2006, Boston, MA).

- Fabrizio, K., Gonzalez Rothi, L., Diehl, M., Sears, S., Stidham, B. & Crosson, B. (2006). Automatic and Controlled Cognitive Processes in Post-Stroke Depression. *International Neuropsychological Society: 34th Annual Meeting Program & Abstracts*, 119. (34<sup>th</sup> Annual International Neuropsychological Society Meeting, February 2006, Boston, MA).
- Cato, M., Wierenga, C., Parkinson, B. & Crosson, B. (2006). Lesion Pattern and Rehabilitative Treatment Success in Aphasia: Comparison of Quantitative Voxel-Based vs. Qualitative Lesion Rating Approaches. *International Neuropsychological Society: 34th Annual Meeting Program & Abstracts*, 119. (34<sup>th</sup> Annual International Neuropsychological Society Meeting, February 2006, Boston, MA).
- Gaiefsky, M. Moore A. B., Gonzalez Rothi, L. J., Marsiske, M., Diehl, M. & Crosson, B. (2006). Self-Perception of Language Performance Following Stroke. *International Neuropsychological Society: 34th Annual Meeting Program & Abstracts*, 119. (34<sup>th</sup> Annual International Neuropsychological Society Meeting, February 2006, Boston, MA).
- McGregor, K., White, K. D., Bacon Moore, A., Gaiefsky, M. E., Wierenga, C. E., Maher, L., Kurtzman, M., Gopinath, K., Peck, K., Soltysik, D., Wabnitz, A., Briggs, R. W. & Crosson, B. (2006). An fMRI Investigation of Sentence Generation Attempts by Chronic Non-fluent Aphasics. *International Neuropsychological Society: 34th Annual Meeting Program & Abstracts*, 119. (34<sup>th</sup> Annual International Neuropsychological Society Meeting, February 2006, Boston, MA).
- Parkinson, R. B., Chang, Y., Raymer, A. M. & Crosson, B. (2006). Lesion Characteristics Related to Naming Improvement in Aphasic Stroke Patients: the Role of Anterior Cortex and the Basal Ganglia. *International Neuropsychological Society: 34th Annual Meeting Program & Abstracts*, 119. (34<sup>th</sup> Annual International Neuropsychological Society Meeting, February 2006, Boston, MA).
- Gopinath, K., Crosson, B., Peck, K. K., Moore, A. B., White, K. D., Briggs, R. W. (2005). Detection Power Adjustment Method for Improved Comparisons between Multiple-Session Individual-Subject fMRI Scans, *Proceedings of the International Society for Magnetic Resonance in Medicine*, **13**, 697. (Meeting of the International Society for Magnetic Resonance in Medicine, May 2005, Miami, FL).
- Lee, J. M., Hu, J., Gao, J. B., White, K. D., Crosson, B., Wierenga, C., McGregor, K., Peck, K. K. (2005, March). Identification of brain activity by fractal scaling analysis of functional MRI data. *Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2005 (ICASSP'05)*. V. 2, 137 - 140. (IEEE International Conference on Acoustic, Speech, and Signal Processing, Philadelphia, Pennsylvania).
- Wabnitz, A., Jasper, B. W., Moore, A. B., Crosson, B., McGregor, K., Gopinath, K., Gaiefsky, M. E., Wierenga, C. E., Peck, K. K., Briggs, R. W., Conway, T. W., Rothi, L. J. G., White, K. D. (2005). FMRI reveals subcortical activations bridge the stimulus-response interval

- during word generation by nonfluent aphasics. *International Neuropsychological Society: 33rd Annual Meeting Program & Abstracts*, 118. (Midwinter Meeting of the International Neuropsychological Society, February 2005, St. Louis, MO).
- Gaiefsky, M., Moore, A. M., McGregor, K. M., White, K., Wierenga, C. E., Peck, K. K., Gopinath, K., Wabnitz, A., Raymer, A., Rothi, L. J. G., Briggs, R. W., Crosson, B. (2005). fMRI of language rehabilitation: Seeing vs. saying. *International Neuropsychological Society: 33rd Annual Meeting Program & Abstracts*, 127. (Midwinter Meeting of the International Neuropsychological Society, February 2005, St. Louis, MO).
- Wierenga, C., Perlstein, W., Benjamin, M., Leonard, C., Rothi, L. J. G., Conway, T., Cato, M., Gopinath, K., Briggs, R., Crosson, B. (2005). Age-related changes in word retrieval: frontal-executive vs. temporal-semantic substrates. *International Neuropsychological Society: 33rd Annual Meeting Program & Abstracts*, 143. (Midwinter Meeting of the International Neuropsychological Society, February 2005, St. Louis, MO).
- Cato, M. A., Parkinson, R. B., Wierenga, C.E., Crosson, B. (2004). Lesion pattern relates to rehabilitative treatment success in chronic nonfluent aphasia. Program No. 665.13. *Society for Neuroscience 2004 Abstract Viewer/Itinerary Planner*. Washington, DC: Society for Neuroscience, 2004. Online. (Annual Meeting of the Society for Neuroscience, November 2004, San Diego, CA).
- Crosson, B. (2004). Role of the Dominant and Nondominant Basal Ganglia in Word Generation. *Brain Impairment*, **5 (Supplement)**, 29. (Summer Meeting of the International Neuropsychological Society, July 2004, Brisbane, Australia).
- Gopinath, K. S., Crosson, B. A., Peck, K. K., Moore, A. B., White, K. D., & Briggs, R. W. (2004). A Randomization Test for Non-Parametric Inference of Filtered fMRI Time-Series Data. *Proceedings of the International Society for Magnetic Resonance in Medicine*, **12**, 1102. (12th International Society for Magnetic Resonance in Medicine, May, 2004, Kyoto, Japan).
- Gopinath, K. S., Moore, A. B., Peck, K. K., Crosson, B. A., & Briggs, R. W. (2004). Evidence of Altered BOLD Hemodynamic Response in Patients with Ischemic Stroke. *Proceedings of the International Society for Magnetic Resonance in Medicine*, **12**, 1080. (12th International Society for Magnetic Resonance in Medicine meeting, May, 2004, Kyoto, Japan).
- Cato, M. A., Parkinson, R. B., Wierenga, C., Crosson, B. (2004). Predicting rehabilitative treatment success in chronic nonfluent aphasia: Lesion and performance characteristics. *International Neuropsychological Society: 32<sup>nd</sup> Annual Meeting Program & Abstracts*, 92-93. (Midwinter Meeting of the International Neuropsychological Society, February 2004, Baltimore, MD).
- Crucian, G. P., Tulman, J., Sell, S., Grande, L. J., Burks, D. W., Shenal, B. V., Rhodes, R., Mielke, J. B., Riestra, A., Womack, K., Okun, M. S., Reeves, D. L., Crosson, B., Heilman, K. M.

- (2004). The relatedness judgments task: a test of semantic association. (Midwinter Meeting of the International Neuropsychological Society, February 2004, Baltimore, MD).
- Peck, K. K., Moore, A. B., Crosson, B., Milsted, C., Gaiefsky, M., Gopinath, K., Soltysik, D., & Briggs, R. W. (2003). "Pre and Post fMRI of an Aphasia Therapy: Shifts in Hemodynamic Time to Peak during Overt Language Task", *Proceedings of the International Society for Magnetic Resonance in Medicine*, **11**, 1912. (Meeting of the International Society for Magnetic Resonance in Medicine, July, 2003, Toronto, ON.)
- Gopinath, K., Peck, K., Soltysik, D., Crosson, B., & Briggs, R. W. (2003). Similarities in the Low Frequency Noise Characteristics between the Magnitude and Phase Time-Series", *Proceedings of the International Society for Magnetic Resonance in Medicine*, **11**, 1795. (Meeting of the International Society for Magnetic Resonance in Medicine, July, 2003, Toronto, ON.)
- Gopinath, K., Peck, K., Soltysik, D., Crosson, B., & Briggs, R. W. (2003). Comparison of Low Frequency Noise Characteristics between Diseased and Healthy Brain Regions", *Proceedings of the International Society for Magnetic Resonance in Medicine*, **11**, 1793 (2003). (Meeting of the International Society for Magnetic Resonance in Medicine, July, 2003, Toronto, ON.)
- Gopinath, K., Peck, K., Soltysik, D., Milsted, C., Gaiefsky, M., Crosson, B., & Briggs, R. W. (2003). A Selective Detrending Method for Reduction of Noise Associated with Event-Related Motion in fMRI Time-Series for an Event-Related Overt Word Generation Paradigm", *Proceedings of the International Society for Magnetic Resonance in Medicine*, **11**, 388. (Meeting of the International Society for Magnetic Resonance in Medicine, July, 2003, Toronto, ON.)
- Wierenga, C. E., Benjamin, M., Perlstein, W. M., & Crosson, B. (2003). Semantic category identification as a function of parametric spatial frequency content. *Journal of Cognitive Neuroscience*, **15**, C159. (Annual Meeting of the Cognitive Neuroscience Society, March 2003, New York, NY).
- Moore, A. B., Crosson, B., Gaiefsky, M., Wierenga, C. E., Peck, K. K., Gopinath, K., White, K., Soltysik, D., Rothi, L. J. G., & Briggs, R. W. (2003). Right-hemisphere mobilization by treatment of intention in aphasia: An fMRI study. *Journal of the International Neuropsychological Society*, **9**, 192. (Midwinter Meeting of the International Neuropsychological Society, February 2003, Honolulu, HI).
- Richards, K. S., Wierenga, C., Singletary, F., Fuller, R., Rodriguez, A., Kendall, D., Rothi, L. J. G., & Crosson, B. (2003). Comparison of intention and attention treatments in nonfluent aphasia. *Journal of the International Neuropsychological Society*, **9**, 192. (Midwinter Meeting of the International Neuropsychological Society, February 2003, Honolulu, HI).
- Wierenga, C. E., Richards, K. S., Singletary, F., Rodriguez, A., Kendall, D., Leon, S., Rothi, L. J.

- G., & Crosson, B. (2003). Intention and attention treatments of high functioning nonfluent aphasia. *Journal of the International Neuropsychological Society*, **9**, 193. (Midwinter Meeting of the International Neuropsychological Society, February 2003, Honolulu, HI).
- Grande, L., Bauer, R. M., Crosson, B., Dede, D., Algina, J., & Heilman, K. M. (2003). Attentional inhibition in Parkinson's disease. *Journal of the International Neuropsychological Society*, **9**, 212. (Midwinter Meeting of the International Neuropsychological Society, February 2003, Honolulu, HI).
- Richards, K. S., Rothi, L. J. G., Chumbler, N. R., Moore, A. B., Crosson, B., & Nadeau, S. E. (2003). Use of the Zung Self-Rating Depression Scale in a chronic stroke population. *Journal of the International Neuropsychological Society*, **9**, 275. (Midwinter Meeting of the International Neuropsychological Society, February 2003, Honolulu, HI).
- Crosson, B., Gopinath, K. S., Peck, K. K., & Briggs, R. W. (2002). Reduction of motion-correlated artifact during fMRI of overt speech in aphasia. *Society for Neuroscience: 2002 Abstract Viewer/Itinerary Planner*. On line. Program No. 873.2. (Meeting of the Society for Neuroscience, November, 2002, Orlando, FL.)
- Gaiefsky, M. E., Crosson, B., White, K. D., Peck, K. K., Moore, A. B., Wierenga, C., Gopinath, K. S., Soltysik, D., & Briggs, R. W. (2002). Imaging overt language production in aphasia using fMRI. *Society for Neuroscience: 2002 Abstract Viewer/Itinerary Planner*. On line. Program No. 873.1. (Meeting of Society for Neuroscience, November, 2002, Orlando, FL.)
- Peck, K. K., Gopinath, K., Soltysik, D., Moore, A., Wierenga, C., Crosson, B., & Briggs, R. W. (2002). Comparison of functional time course patterns in Broca's area and supplementary motor area during silent sentence generation task in fMRI. *Proceedings of the International Society for Magnetic Resonance in Medicine*, **10**, 1491. (Meeting of the International Society for Magnetic Resonance in Medicine, May 2002, Honolulu, HI).
- Wierenga, C. E., Moore, A. B., Crosson, B., Maher, L. M., Soltysik, D., Peck, K. K., Gopinath, K., Heilman, K. M., Rothi, L. J. G., Kendall, D., & Briggs, R. W. (2002). Changes in brain activation with treatment of agrammatism: An fMRI study. *Journal of the International Neuropsychological Society*, **8**, 206. (Winter Meeting of the International Neuropsychological Society, February 2002, Toronto, ON).
- Cato, M., Crosson, R., Gökçay, D., Soltysik, D., Wierenga, C. E., Gopinath, K., Belanger, H., Himes, N., Bauer, R., Fischler, I., Gonzalez-Rothi, L. J., & Briggs, R. Emotional connotation as a semantic attribute: A whole brain fMRI study of emotional valence and sex effects on word generation. *Journal of the International Neuropsychological Society*, **8**, 216. (Winter Meeting of the International Neuropsychological Society, February 2002, Toronto, ON).
- Moore, A. B., Wierenga, C. E., Peck, K. K., Crosson, B., Gopinath, K., Himes, N., Soltysik, D., Maher, L., Gonzalez-Rothi, L. J., & Briggs, R. W. (2002). Role of baseline tasks in



- understanding syntactic production with fMRI. *Journal of the International Neuropsychological Society*, **8**, 274-275. (Winter Meeting of the International Neuropsychological Society, February 2002, Toronto, ON).
- Maher, L. M., Singletary, F., Swearingen, M. C., Clayton, M. C., Vincent, L. A., Moore, A. B., Wierenga, C. E., Crosson, B., Kendall, D., & Gonzalez-Rothi, L. J. (2002). An errorless learning approach to sentence generation in aphasia. *Journal of the International Neuropsychological Society*, **8**, 177. (Winter Meeting of the International Neuropsychological Society, February 2002, Toronto, ON).
- Crosson, B., Moore, A. B., Wierenga, C. E., Maher, L. M., Rothi, L. G., Soltysik, D. A., Peck, K. K., Gopinath, K., Heilman, K. M., & Briggs, R. W. (2002). fMRI of rehabilitative change during sentence generation in agrammatic patients. *Proceedings. Rehabilitation Research for the Twenty-First Century: The New Challenges*. Washington, D. C.: Department of Veterans Affairs, p. 11. (Rehabilitation Research and Development: 3<sup>rd</sup> National Meeting, February, 2002, Arlington, VA)
- Moore, A. B., Crosson, B., Loftis, C., Gökçay, D., Leonard, C. M., & Foundas, A. L. (2002). Region of interest analysis of functional activity in pars triangularis: Applications for fMRI of patients with stroke. *Proceedings. Rehabilitation Research for the Twenty-First Century: The New Challenges*. Washington, D. C.: Department of Veterans Affairs, p. 11. (Rehabilitation Research and Development: 3<sup>rd</sup> National Meeting, February, 2002, Arlington, VA)
- Ecklund-Johnson, E. P., Glueckauf, R. L., Moore, A., Crosson, B., Gonzalez-Rothi, L., Blonder, L. X., Raymer, A., Maher, L. (2002). Initial psychometric evaluation of the functional outcome questionnaire for aphasia. *Proceedings. Rehabilitation Research for the Twenty-First Century: The New Challenges*. Washington, D. C.: Department of Veterans Affairs, p. 20. Department of Veterans Affairs: (Rehabilitation Research and Development: 3<sup>rd</sup> National Meeting, February, 2002, Arlington, VA)
- Rodriguez, A. D., Crosson, B., Moore, A. B., Richards, K. S., Clayton, M. C., Fuller, R. H., Kendall, D. L., & Gonzalez-Rothi, L. J. (2002). Effects of attention and intention treatment on anomia in a case of basal ganglia lesion. *Proceedings. Rehabilitation Research for the Twenty-First Century: The New Challenges*. Washington, D. C.: Department of Veterans Affairs, p. 41. (Rehabilitation Research and Development: 3<sup>rd</sup> National Meeting, February, 2002, Arlington, VA)
- Jones, V., Moore, A. B., Kendall, D., Rothi, L. J. G., & Crosson, B. (2002). Generalization of semantic effects from treatment of word finding deficits in a bilingual patient. *Proceedings. Rehabilitation Research for the Twenty-First Century: The New Challenges*. Washington, D. C.: Department of Veterans Affairs, p. 136. (Rehabilitation Research and Development: 3<sup>rd</sup> National Meeting, February, 2002, Arlington, VA)
- Maher, L. M., Singletary, F., Swearingen, M. C., Moore, A. B., Wierenga, C. E., Crosson, B.,

- Clayton, M. C., Butler, L. V., Kendall, D., & Gonzalez-Rothi, L. J. (2002). An errorless learning approach to sentence generation in aphasia. *Proceedings. Rehabilitation Research for the Twenty-First Century: The New Challenges*. Washington, D. C.: Department of Veterans Affairs, p. 138. (Rehabilitation Research and Development: 3<sup>rd</sup> National Meeting, February, 2002, Arlington, VA)
- Richards, K. S., Moore, A. B., Singletary, F., Gonzalez Rothi, L. J., Clayton, M. C., & Crosson, B. (2002). Two novel treatments utilizing intentional and attentional mechanisms in rehabilitation of nonfluent aphasia. *Proceedings. Rehabilitation Research for the Twenty-First Century: The New Challenges*. Washington, D. C.: Department of Veterans Affairs, p. 140. (Rehabilitation Research and Development: 3<sup>rd</sup> National Meeting, February, 2002, Arlington, VA)
- Wierenga, C. E., Moore, A. B., Crosson, B., Peck, K. K., Gopinath, K., Himes, N., Soltysik, D., Maher, L., Gonzalez-Rothi, L., & Briggs, R. W. (2002). Comparison of baseline tasks to investigate syntactic production with fMRI. *Proceedings. Rehabilitation Research for the Twenty-First Century: The New Challenges*. Washington, D. C.: Department of Veterans Affairs, p. 142. (Rehabilitation Research and Development: 3<sup>rd</sup> National Meeting, February, 2002, Arlington, VA)
- Crosson, B., Cato, M. A., Benefield, H., Moore, A. B., Wierenga, C., Sadek, J. R., Gopinath, K., Soltysik, D., Bauer, R. M., Auerbach, E. J., Gökçay, D., & Briggs, R. W. (2001). fMRI of right basal ganglia and frontal activity during language generation. *Society for Neuroscience Abstracts*, program # 82.9. (Society for Neuroscience Meeting, November 2000, San Diego, CA).
- Wierenga, C. E., Moore, A. B., Crosson, B., Heilman, K. M., Maher, L. M., Soltysik, D., Peck, K. K., Gopinath, K., & Briggs, R. W. (2001). fMRI of sentence generation in agrammatic patients and healthy adults. *Society for Neuroscience Abstracts*, program # 529.13. (Society for Neuroscience Meeting, November 2000, San Diego, CA).
- Crosson, B., Benefield, H., Cato, M. A., Sadek, J. R., Gopinath, K., Soltysik, D., Bauer, R. M., Auerbach, E. J., Gökçay, D., Leonard, C. M., & Briggs, R. W. (2001). Left parahippocampal gyrus activity during language generation. *NeuroImage*, **13**, S521. (Seventh Annual Meeting of the Organization for Human Brain Mapping, June 2001, Brighton, England)
- Gopinath, K., Briggs, R. W., Soltysik, D., Himes, N., & Crosson, B. (2001). Reduction of noise associated with stimulus correlated motion in event related overt word production fMRI studies. *Proceedings of the International Society for Magnetic Resonance in Medicine*, **9**, 297. (Meeting of the International Society for Magnetic Resonance in Medicine, April 2001, Glasgow, Scotland)
- Crosson, B., Benefield, H., Cato, M. A., Sadek, J. R., Gopinath, K., Soltysik, D., Bauer, R. M., Auerbach, E. J., Gökçay, D., & Briggs, R. W. (2001). Subcortical activity during word and

- syllable generation: An fMRI study. *Journal of the International Neuropsychological Society*, **7**, 197. (Winter Meeting of the International Neuropsychological Society, February 2001, Chicago, IL).
- Moore, A. B., Loftis, C., Crosson, B., Gökçay, D., Leonard, C. M., & Foundas, A. L. (2001). Localization of functional activity in pars triangularis. *Journal of the International Neuropsychological Society*, **7**, 197. (Winter Meeting of the International Neuropsychological Society, February 2001, Chicago, IL).
- Sadek, J., Crosson, B., Griffin, L., Ash, R., Briggs, R., Gökçay, D., Gopinath, K., Soltysik, D., Cato, A., & Bauer, R. (2001). Activation changes in medial posterior cortex due to language practice. *Journal of the International Neuropsychological Society*, **7**, 153-154. (Winter Meeting of the International Neuropsychological Society, February 2001, Chicago, IL).
- Crosson, B., Sadek, J. R., Maron, L., Gökçay, D., Mohr, C. M., Auerbach, E. J., Freeman, A. J., & Briggs, R. W. (2000). Role of the basal ganglia in word generation: An fMRI study. *Society for Neuroscience Abstracts*, 1245. (Society for Neuroscience Meeting, November 2000, New Orleans, LA).
- Moore, A. B., Crosson, B., Gökçay, D., Leonard, C.M., & Foundas, A.L. (2000). Defining Pars Triangularis. *Society for Neuroscience Abstracts*, 1247. (Society for Neuroscience Meeting, November, 2000, New Orleans, LA).
- Benefield, H., Crosson, B., Cato, M. A., Sadek, J. R., Gopinath, K., Soltysik, D., Bauer, R. M., Auerbach, E. J., Gökçay, D., & Briggs, R. W. (2000). Role of medial frontal cortex in word retrieval. *NeuroImage*, **11**, S278. (Sixth Annual Meeting of the Organization for Human Brain Mapping, June 2000, San Antonio, TX).
- Anderson, J.M., Briggs, R.W., Crosson, B., Gopinath, K.S., Gökçay, D., Sadek, J.R., Gonzalez Rothi, L.J., Auerbach, E.J., Soltysik, D.A. & Heilman, K.M. (2000). Evidence of Right Hemisphere Engagement during the Production of Overt Emotional Prosody: An Event-Related fMRI Study, *Proceedings of the International Society for Magnetic Resonance in Medicine*, **8**, 899. (Meeting of the International Society for Magnetic Resonance in Medicine, April 2000, Denver, CO).
- Briggs, R.W., Anderson, J.M., Crosson, B., Maher, L.M., Roth, H.L., Gopinath, K.S., Gökçay, D., Gonzalez Rothi, L.J., Auerbach, E.J., & Soltysik, D.A. (2000). Preliminary Evidence of Language Reorganization After Left Hemispheric Injury: A Whole Brain, Event-Related fMRI Study of Sentence Production, *Proceedings of the International Society for Magnetic Resonance in Medicine*, **8**, 862. (Meeting of the International Society for Magnetic Resonance in Medicine, April 2000, Denver, CO).
- Briggs, R. W., Gopinath, K. S., Soltysik, D. A., Cato, M. A., & Crosson, B. (2000). Deconvolution analysis in emotional word generation monitored by Random Block and event-related fMRI. *Proceedings of the International Society for Magnetic Resonance in Medicine*, **8**, 836. (Meeting of the International Society for Magnetic Resonance in Medicine, April 2000, Denver, CO).

- Crosson, B., Singletary, F., Richards, K. S., Koehler, S. M., Rothi, L. J. G. (2000). Use of nonsymbolic gestures of the left hand to enhance word finding of nonfluent aphasia. *Second National Department of Veterans Affairs Rehabilitation Research and Development Conference Proceedings: "The Next Generation"*, 202. (Second National Department of Veterans Affairs Rehabilitation Research and Development Conference, February 2000, Washington, DC).
- Cato, M., Crosson, B., Sadek, J., Radonovich, K., Gökçay, D., Bauer, R. M., Fischler, I., Maron, L., Auerbach, E., Browd, S., Freeman, A., & Briggs, R. (2000). Semantic processing for animal names, tool names, and words with emotional connotations: An fMRI investigation. *Journal of the International Neuropsychological Society*, **6**, 157. (Winter Meeting of the International Neuropsychological Society, February 2000, Denver, CO).
- Richards, K., Singletary, F., Koehler, S., Crosson, B., & L. J. G. Rothi. (2000). Treatment of nonfluent aphasia through the pairing of a nonsymbolic movement sequence and naming. *Journal of the International Neuropsychological Society*, **6**, 241. (Winter Meeting of the International Neuropsychological Society, February 2000, Denver, CO).
- Loftis, C., Zawacki, T., Bauer, R. M., Crosson, B., Briggs, R., Sadek, J., Auerbach, E., Gökçay, D., & Gopinath, K. (2000). Occipital and temporal lobe activation using an explicit memory task. *Journal of the International Neuropsychological Society*, **6**, 159. (Winter Meeting of the International Neuropsychological Society, February 2000, Denver, CO).
- Anderson, J. M., Briggs, R. W., Crosson, B., Ennis, M. R., Gopinath, K. S., Gökçay, D., Sadek, J. R., Gonzalez Rothi, L. J., Auerbach, E. J., & Soltysik, D. A. (2000). *Journal of the International Neuropsychological Society*, **6**, 157. (Winter Meeting of the International Neuropsychological Society, February 2000, Denver, CO).
- McDonald, C., Crosson, B., & Bowers, D. (2000). Semantic encoding deficit in a patient with a left retrosplenial lesion. *Journal of the International Neuropsychological Society*, **6**, 112-113. (Winter Meeting of the International Neuropsychological Society, February 2000, Denver, CO).
- Zawacki, T., Fennell, E., Williams, L., Algina, J., Boggs, S., Crosson, B., & Leonard, T. (2000). Verbal memory abilities in pediatric brain tumor patients. *Journal of the International Neuropsychological Society*, **6**, 202. (Winter Meeting of the International Neuropsychological Society, February 2000, Denver, CO).
- Crosson, B., Radonovich, K., Sadek, J. R., Gökçay, D., Bauer, R. M., Fischler, I. S., Cato, M. A., Maron, L., Auerbach, E. J., Browd, S. R., Briggs, R. W. (1999). Left-Hemisphere Knowledge of Emotional Meaning during Word Generation. *NeuroImage*, **9**, S1019. (Fifth International Conference on Functional Mapping of the Human Brain, June 1999, Duesseldorf, Germany).

- Sadek, J. R., Maron, L. M., Crosson, B., Auerbach, E. J., Browd, S., Leonard, C. M., & Briggs, R. W. (1999). Medial and lateral frontal cortex: An fMRI investigation of internally versus externally guided language. *Journal of the International Neuropsychological Society*, **5**, 135. (Winter Meeting of the International Neuropsychological Society, February 1999, Boston, Massachusetts).
- Crosson, B., Bobholz, J. A., Leonard, C. M., Gökçay, D., Mohr, C., Sadek, J. R., Maron, L. M., Auerbach, E. J., Browd, S., & Briggs, R. W. (1999). Compartmentalization of medial frontal activity around the paracingulate sulcus during word generation using fMRI. *Journal of the International Neuropsychological Society*, **5**, 134. (Winter Meeting of the International Neuropsychological Society, February 1999, Boston, Massachusetts).
- Skeel, R., Crosson, B., Nadeau, S., Algina, J., Bauer, R., & Fennell, E. (1999). Working memory and sentence comprehension in Parkinson's disease patients on and off medication. *Journal of the International Neuropsychological Society*, **5**, 95. (Winter Meeting of the International Neuropsychological Society, February 1999, Boston, Massachusetts).
- Crosson, B., Sadek, J. R., Bobholz, J. A., Gökçay, D., Mohr, C., Freeman, A. J., Maron, L., Auerbach, E. J., Leonard, C. M., Berg, S., Browd, S., Briggs, R. W. (1998). Precise location of medial frontal activity during word generation by fMRI. *NeuroImage*, **7**, S140. (Fourth International Conference on Functional Mapping of the Human Brain, June 1998, Montreal, Quebec).
- Gökçay, D., Mohr, C., Crosson, B., Leonard, C. M., & Bobholz, J. A. (1998). Software for ROI analysis of fMRI images based on anatomic landmarks. *NeuroImage*, **7**, S473. (Fourth International Conference on Functional Mapping of the Human Brain, June 1998, Montreal, Quebec).
- Browd, S. R., Briggs, R. W., Crosson, B., Beversdorf, D. Q., Gilmore, R. L., & Roper, S. R. (1998). Functional MRI of motor and sensory cortex as a potential presurgical mapping modality and technique for longitudinal studies of neuroplasticity: A case study. *NeuroImage*, **7**, S788. (Fourth International Conference on Functional Mapping of the Human Brain, June 1998, Montreal, Quebec).
- Briggs, R. W., Crosson, B. A., Sadek, J. R., Freeman, A. J., Gökçay, D., & Gordon, M. B. (1998). Effects of complexity and external guidance on localization of brain activity during silent word generation. *Proceedings of the International Society for Magnetic Resonance in Medicine in Medicine: Sixth Scientific Meeting and Exhibition*, **3**, 1515. (Meeting of the International Society for Magnetic Resonance in Medicine in Medicine, April 1998, Sydney, Australia).
- Anderson, J. M., Briggs, R. W., Crosson, B., Beversdorf, D. Q., Kim, M., Gökçay, D., Freeman, A. J., Mohr, C., Sadek, J. R., Gordon, M. B., & Heilman, K. M. (1998). The neural substrates of hand agility: Asymmetrical selective engagement of primary motor cortex. *Neurology*, **50**

- (no. 4, supplement 4), A45. (Meeting of the American Academy of Neurology, May 1998, Seattle, Washington).
- Crosson, B., Briggs, R. W., Sadek, J. R., Freeman, A. J., Gökçay, D., Gordon, M. B., & Leonard, C. M. (1998). Medial frontal cortex in internally and externally guided language production. *Journal of the International Neuropsychological Society*, **4**, 10. (Winter Meeting of the International Neuropsychological Society, February 1998, Honolulu, Hawaii).
- Anderson, J. M., Gilmore, R., Crosson, B., Bauer, R. M., Nadeau, S. E., Beversdorf, D. Q., Cibula, J., Rogish, M., Kortenkamp, S., Hughes, J., Rothi, L. G., Roper, S. N., & Heilman, K. M. (1998). Induction of a conduction aphasia by cortical stimulation. *Journal of the International Neuropsychological Society*, **4**, 39. (Winter Meeting of the International Neuropsychological Society, February 1998, Honolulu, Hawaii).
- Flynn, T. M., Leonard, C. M., Fennell, E. B., Bauer, R. M., Crosson, B., & Gilmore, R. (1998). Callosal morphology and IQ in epilepsy: Influence of age at seizure onset. *Journal of the International Neuropsychological Society*, **4**, 73. (Winter Meeting of the International Neuropsychological Society, February 1998, Honolulu, Hawaii).
- Zawacki, T. M., Fennell, E., Bauer, R., Crosson, B., Dede, D., Uthman, B., Gilmore, R., & Roper, S. (1997). MMPI-2 profiles in patients with intractable epilepsy. *The Clinical Neuropsychologist*, **11**, 324. (Annual Meeting of the American Psychological Association, August, 1997, Chicago, Illinois).
- Crosson, B. (1997). The thalamus in language and neurocognition. *Syllabus and Proceedings Summary: American Psychiatric Association Annual Meeting*, 73. (Annual Meeting of the American Psychiatric Association, May 1997, San Diego, CA).
- Lu, L. H., Crosson, B., Rothi, L. J. G., Raymer, A., Gilmore, R. L., Pargeon, K. L., Ly, B. K., Bauer, R. M., Nadeau, S. E., Heilman, K. M., & Roper, S. N. (1997). Verb and noun naming deficits following temporal lobectomy. *Journal of the International Neuropsychological Society*, **3**, 37. (Winter Meeting of the International Neuropsychological Society, February, 1997, Orlando, FL).
- Lacy, M., Miller, J., Crosson, B., Lincoln, R., Nabors, N., Petry, M., Knauts, S., & Cooper, P. (1996). Patterns of memory processing on the CVLT. *The Clinical Neuropsychologist*, **10**, 347. (Annual Meeting of the American Psychological Association, August, 1996, Toronto, Ontario, Canada).
- Crosson, B., Rao, S. M., Woodley, S. J., Rosen, A. C., Hammeke, T. A., Bobholz, J. A., Cunningham, J. M., Fuller, S. A., Binder, J. R., & Cox, R. W. (1996). Mapping of semantic versus phonological versus orthographic verbal working memory in normal adults with fMRI. *NeuroImage*, **3**, S538. (Second International Conference on Functional Mapping of the Human Brain, June 1996, Boston, MA).

- Schwartz, R. L., Nadeau, S. E., Crosson, B., & Heilman, K. M. (1996). Gaze-related enhancement of hemispheric blood flow in a stroke patient. *Neurology*, **46**, A157. (Meeting of the American Academy of Neurology, June 1996).
- Conway, T., Heilman, P., Rothi, L. G., Alexander, A., Adair, J., Heilman, K., & Crosson, B. (1996). Remediating acquired phonological alexia. *Journal of the International Neuropsychological Society*, **2**, 6-7. (Winter Meeting of the International Neuropsychological Society, February 1996, Chicago, Illinois).
- Petry, M., Crosson, B., Fischler, I., Rothi, L. G., Fennell, E., Bauer, R., & Agresti, A. (1996). The effect of language on visual spatial attention: Implications for theories of selective attention. *Journal of the International Neuropsychological Society*, **2**, 37. (Winter Meeting of the International Neuropsychological Society, February 1996, Chicago, Illinois).
- Shigaki, C., Crosson, B., Leonard, C., Bauer, R., Gilmore, R., Roper, S., Fennell, E., & Sadek, J. (1996). The relationship between hippocampal volume differences and performance on neuropsychological assessment measures in epileptic patients. *Journal of the International Neuropsychological Society*, **2**, 62-63. (Winter Meeting of the International Neuropsychological Society, February 1996, Chicago, Illinois).
- Williamson, D., Crosson, B., Rothi, L. J. G., Shukla, S., Heilman, K. M., & Nadeau, S. E. (1995). Different aspects of language generation engender different patterns of asymmetry in regional cerebral blood flow (rCBF). *Journal of the International Neuropsychological Society*, **1**, 371. (Winter Meeting of the International Neuropsychological Society, February 1994, Cincinnati, Ohio).
- Bauer, R. M., Briere, J., Crosson, B., Gilmore, R., Fennell, E. B., & Roper, S. (1995). Neuropsychological functioning before and after unilateral temporal lobectomy for intractable epilepsy. *Journal of the International Neuropsychological Society*, **1**, 362. (Winter Meeting of the International Neuropsychological Society, February 1994, Cincinnati, Ohio).
- Holler, K. A., Fennell, E. B., Crosson, B., Boggs, S. R., & Mickle, J. P. (1994). Cognitive and adaptive functioning in hydrocephalic children with spina bifida. *The Clinical Neuropsychologist*, **8**, 332. (Annual Meeting of the American Psychological Association, August 1994, Los Angeles, California).
- Petry, M. C., Crosson, B. A., Gonzalez-Rothi, L. J., Bauer, R. M., & Schauer, C. A. (1993). Attention and Aphasia in Adults. *The Clinical Neuropsychologist*, **7**, 335. (Annual Meeting of the American Psychological Association, August 1993, Toronto, Ontario).
- Mennemeier, M., Crosson, B., Williamson, D. J., Early, T., Nadeau, S. E., & Heilman, K. M. (1993). Expressive aprosodia associated with a lesion of the right thalamus. *Journal of Clinical and Experimental Neuropsychology*, **15**, 72. (Winter Meeting of the International Neuropsychological Society, February 1993, Galveston, Texas).

- Nadeau, S. E., Hammond, E., Williamson, D. J., & Crosson, B. (1993). Effects of visual stimulation on cerebral blood flow in sensory and motor cortex, early somatosensory evoked potentials, and reaction times: Possible effects of attentional and intentional set. *Journal of Clinical and Experimental Neuropsychology*, **15**, 47. (Winter Meeting of the International Neuropsychological Society, February 1993, Galveston, Texas).
- Trenerry, M. R., Crosson, B., DeBoe, J., & Leber, W. R. (1992). The Visual Search and Cancellation Test: Development and standardization. *The Clinical Neuropsychologist*, **6**, 334. (Annual Meeting of the American Psychological Association, August 1992, Washington, D. C.)
- Crosson, B., Nadeau, S. E., Williamson, D. J., Shukla, S. S., & Williams, C. M. (1992). Localization of visual activation with HMPAO SPECT and MRI scans. *Journal of Clinical and Experimental Neuropsychology*, **14**, 397. (Summer Meeting of the International Neuropsychological Society, June 1992, Durham, United Kingdom).
- Mennemeier, M., Williamson, D. J., Crosson, B., Nadeau, S. E., & Heilman, K. M. (1992). SPECT imaging following a left intralaminar thalamic lesion. *Journal of Clinical and Experimental Neuropsychology*, **14**, 33. (Meeting of the International Neuropsychological Society, February 1992, San Diego, California).
- Raymer, A. M., Moberg, P. J., Crosson, B., Nadeau, S. E., & Gonzalez-Rothi, L. J. (1992). Lexical deficits in two cases of thalamic lesion. *Journal of Clinical and Experimental Neuropsychology*, **14**, 33-34. (Meeting of the International Neuropsychological Society, February 1992, San Diego, California).
- Moberg, P. J., Crosson, B., Boone, J. R., & Gonzalez-Rothi, L. J. (1992). Category-specific naming deficit after dominant thalamic and capsular hemorrhage. *Journal of Clinical and Experimental Neuropsychology*, **14**, 34. (Meeting of the International Neuropsychological Society, February 1992, San Diego, California).
- Nadeau, S. E. & Crosson, B. (1992). Thalamic and nonthalamic subcortical aphasia: A re-appraisal and new hypotheses. *Journal of Clinical and Experimental Neuropsychology*, **14**, 34. (Meeting of the International Neuropsychological Society, February 1992, San Diego, California).
- Mennemeier, M., Crosson, B., Valenstein, E., Fennell, E. B., & Heilman, K. M. (1992). Tapping, talking, and the thalamus. *Journal of Clinical and Experimental Neuropsychology*, **14**, 37. (Meeting of the International Neuropsychological Society, February 1992, San Diego, California).
- Crosson, B. (1991). Application and communication of neuropsychological assessment results. *The Clinical Neuropsychologist*, **5**, 271. (Annual Meeting of the American Psychological Association, August 1991, San Francisco, California).



- Crosson, B., Cooper, P. V., Lincoln, R. K., Velozo, C. A., & Bauer, R. M. (1990). Relationships between verbal memory and language after blunt head injury. *The Clinical Neuropsychologist*, **4**, 301-302. (Annual Meeting of the American Psychological Association, August 1990, Boston, Massachusetts).
- Lincoln, R. K., Crosson, B., Cooper, P. V., Velozo, C. A., & Bauer, R. M. (1990). Relationship between intellectual and language measures after head injury. *The Clinical Neuropsychologist*, **4**, 293. (Annual Meeting of the American Psychological Association, August 1990, Boston, Massachusetts).
- Crosson, B., Sartor, K. J., & Jenny, A. B. (1990). MR localization and memory in chronic head-injured adults. *Journal of Clinical and Experimental Neuropsychology*, **12**, 34. (Winter Meeting of the International Neuropsychological Society, February 1990, Orlando, Florida).
- Novack, T. A., Kofoed, B. A., & Crosson, B. A. (1989). Test-retest performance of head-injured persons on the California Verbal Learning Test. *Journal of Clinical and Experimental Neuropsychology*, **11**, 60. (Winter Meeting of the International Neuropsychological Society, February 1989, Vancouver, British Columbia).
- Crosson, B., Numan, B. K., Cooper, P. V., & Velozo, C. A. (1988). Components of verbal memory in a head injured sample. *The Clinical Neuropsychologist*, **2**, 286. (Annual Meeting of the American Psychological Association, August 1988, Atlanta, Georgia).
- Crosson, B., Novack, T. A., Trenerry, M. R., & Craig, P. L. (1987). California Verbal Learning Test (CVLT) performance: Head-injured vs. normal adults. *The Clinical Neuropsychologist*, **1**, 93. (Annual Meeting of the American Psychological Association, August 1987, Washington, D. C.)
- Crosson, B., Greene, R. L., Roth, D. L., Farr, S. P., & Adams, R. L. (1987). Cluster analyses of WAIS-R after head injury. *Journal of Clinical and Experimental Neuropsychology*, **9**, 55. (Annual Meeting of the International Neuropsychological Society, February 1987, Washington, D. C.)
- Crosson, B., Hughes, C. W., Roth, D. L., & Monkowski, P. G. (1984). Scoring correct ideas, gist, and errors in Wechsler Memory Scale stories. *The INS Bulletin*, **41**. (Winter Meeting of the International Neuropsychological Society, February 1984, Houston, Texas).
- Crosson, B., Andreychuk, T., Tiemann, K., & Phillips, C. (1978). Combined use of hypnosis and biofeedback in the treatment of migraines: A pilot study. *Biofeedback and Self-Regulation*, **3**, 241. (Ninth Annual Meeting of the Biofeedback Society of America, March 1978, Albuquerque, New Mexico).
- Crosson, B., Meinz, R., Lauer, E., Williams, D., & Andreychuk, T. (1976). Relationships of baseline techniques, hypnotic susceptibility, and EEG alpha training. *Proceedings of the Biofeedback Research Society Seventh Annual Meeting*. Denver: Biofeedback Research

Society, 10. (Seventh Annual Meeting of the Biofeedback Research Society, March 1976, Colorado Springs, Colorado).

### **Selected Other Papers, Lectures, and Keynote and Invited Addresses**

- Crosson, B. (November, 2007). *Targeting Neuroplastic Change in Cognitive Rehabilitation: Can an Intention Manipulation in Aphasia Treatment Affect Lateralization?* Grand Rounds Presentation for the Department of Physical Medicine and Rehabilitation, Emory University, Atlanta, Georgia, November 6, 2007.
- Crosson, B. (October, 2007). *An Intention Manipulation in the Treatment of Aphasia: Can Left-Hand Movement and Gesture Relateralize Language Production in Nonfluent Aphasia?* Lecture Presented at the Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands, October 10, 2007.
- Crosson, B. (October, 2007). *Cognitive and Neural Substrates in Rehabilitation: Awareness and Intention.* Presented at the Conference in Cognitive Rehabilitation sponsored by the Netherlands Organization for Scientific Research (NWO), Zeist, The Netherlands, October 9, 2007.
- Crosson, B. (September, 2007). *An Intention Manipulation for Treatment of Naming in Aphasia.* Presented at the 2<sup>nd</sup> Annual Eleanor M. Saffran Cognitive Neuroscience Conference, Temple University, Philadelphia, Pennsylvania, September 24, 2007.
- Crosson, B. (February, 2007). *Functional Neuroimaging in Rehabilitation and Aphasia.* Workshop presented at the 35th Annual Meeting of the International Neuropsychological Society, Portland, Oregon, February 7, 2007.
- Crosson, B. (November, 2006). *Intention in Cross-Modality Treatments.* Lecture presented in the invited symposium, Neuro Cross System Effects, at the Annual Convention of the American Speech-Language-Hearing Association, Miami Beach, Florida, November, 16, 2006.
- Mikell, L., Crosson, B., Blonder, L. X., Gonzalez Rothi, L., Altman, L. (2006, November). *Discourse Changes Following an Attentional Treatment Anomia.* Paper presented at the Annual Convention of the American Speech-Language-Hearing Association, Miami Beach, Florida, November, 16, 2006.
- Crosson, B. (2006, October). *Subcortical Functions in Language and Cognition.* Workshop presented at the 26<sup>th</sup> Annual Conference of the National Academy of Neuropsychology, San Antonio, Texas, October 27, 2006.
- Crosson, B. (2006, September). *Functional Neuroimaging and Neuroplasticity in Aphasia Recovery and Treatment.* Neurology Grand Rounds, University of Florida, September 5, 2006.

- Crosson, B. (2006, August). *Functional Neuroimaging and Neuroplasticity in Aphasia Recovery and Treatment*. Invited Address at the Annual Meeting of the American Psychological Association, New Orleans, Louisiana, August, 12, 2006.
- Crosson, B. (2006, August). *Differential Neural Substrates and Treatment Response in Aphasia*. Lecture to the Department of Speech and Hearing Sciences Faculty, Fellows, and Students, University of Washington, Seattle, Washington, August 9, 2006.
- Crosson, B. (2006, July). *Differential Neural Substrates and Treatment Response in Aphasia*. Lecture to the Queensland Brain Institute Faculty, Fellows, and Students, University of Queensland, Brisbane, Australia.
- Crosson, B. (2006, May). *Differential Neural Substrates and Treatment Response in Aphasia*. Program Committee and NIDCD Keynote Address at the Clinical Aphasiology Conference, Ghent, Belgium.
- Crosson, B. (2005, November). *Neural Substrates of Cognition in Aphasia Therapy: Shifting the Paradigm for Treatment Development*. Keynote Address at the annual meeting of the Academy of Neurologic Communication Disorders and Sciences, San Diego, California.
- Crosson, B. (2005, March). *Neural Plasticity and Outcome in Treatment of Intention for Nonfluent Aphasia: Two Cases*. Presented at the Boston University Medical Center Physical Medicine and Rehabilitation Grand Rounds, Boston, Massachusetts, March 2, 2005.
- Crosson, B. (2005, March). *Event-Related fMRI of Spoken Language in Aphasia: Challenges and Solutions*. Presented at the Harold Goodglass Aphasia Research Center at the Boston VA Medical Center, Boston Massachusetts, March 1, 2005.
- Crosson, B. (2004, September). *Neural Plasticity and Outcome in Treatment of Intention for Nonfluent Aphasia: Two Cases*. Lecture at the Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany, September 28, 2004.
- Crosson, B. & Cato, M. A. (2004, September) *Emotional Connotation of Words: Role of Emotion in Distributed Semantic Systems*. Presented at the Conference "Understanding Emotions: Insights into Emotion, Communication and the Brain." Konstanz, Germany, September 23-26, 2004
- Moore, A. B., McGregor, K., Gaiefsky, M., Gopinath, K., Peck, K. K., Wabnitz, A., White, K. D., Gonzalez-Rothi, L. J., Raymer, A. M., Briggs, R. W., Crosson, B. (2004, September). *Neural substrates of word retrieval training for nouns in aphasia*. Paper presented at the meeting of the American Congress of Rehabilitation Medicine, Jacksonville, Florida.
- Crosson, B. (chair) (2004, July) *Subcortical Functions in Language and Semantics*. Symposium presented at the Summer Meeting of the International Neuropsychological Society, Brisbane, Australia.

- Crosson, B. (2004, July). *Role of the Dominant and Nondominant Basal Ganglia in Word Generation*. Lecture presented at the University of Queensland, Brisbane, Australia, July 5, 2004.
- Blonder, L. X., Ketterson, T., Rosenbek, J., Crosson, B., Raymer, S., Maher, L., Glueckauf, R., Heilman, K. M., Rothi, L.G. (2004, April). *Emotional communication in stroke patients. 2004 SBM Annual Meeting and Scientific Sessions*. Paper presented at the meeting of Society of Behavioral Medicine, Baltimore, Maryland.
- Crosson, B. (Presenter) (1989-2005, 2007 December) 15<sup>th</sup> through 30<sup>th</sup>, 32<sup>nd</sup> Annual Courses in Behavioral Neurology and Neuropsychology. Sponsored by the Florida Society of Neurology and the Center for Neuropsychological Studies at the University of Florida, Orlando, Florida.
- Crosson, B. (discussant) (2003, February) *The Forgotten Cranial Nerve: Studies of Olfactory Function in Neuropsychology*. Symposium presented at the Winter Meeting of the International Neuropsychological Society, Chicago, IL.
- Crosson, B. (2002, November). *Subcortical Functions in Language and Aphasia*. Workshop presented at the Annual Meeting of the American Speech-Language-Hearing Association, Atlanta, Georgia, November 23, 2002.
- Crosson, B. (2002, May). *The basal ganglia in language generation*. Presentation for Neurology Grand Rounds at the University of New Mexico, Albuquerque, New Mexico, May 17, 2002.
- Crosson, B. (2002, May). *Treatment of Intention in Aphasia: Preliminary Findings and Future Directions*. Presented at the 2002 Annual Meeting of the World Federation of Neurology Research Group on Aphasia and Cognitive Disorders. Villefranche sur Mer, France.
- Crosson, B. (2002, May). *Imaging Overt Language Production in Aphasia with fMRI: To Speak or Not to Speak*. Presented at the National Institute on Deafness and Other Communication Disorders Workshop: The Role of Neuroimaging in the Study of Aphasia Recovery and Rehabilitation: Research Needs and Opportunities. National Institutes of Health, Bethesda, MD.
- Crosson, B. (2001, June). *The frontal lobes and basal ganglia in language production: Insights and questions from functional neuroimaging*. Presented at the New Orleans VA Medical Center, New Orleans, Louisiana, June 19, 2001.
- Crosson, B. (2001, May). *Neural Systems Supporting Language: Medial Frontal Cortex and Subcortical Structures*. Workshop presented to the Pacific Northwest Neuropsychological Society, Seattle, Washington, May, 12, 2001.
- Crosson, B. (discussant) (2001, February) *Application of neuroimaging advances to traumatic*

- brain injury*. Symposium presented at the Winter Meeting of the International Neuropsychological Society, Chicago, IL.
- Crosson, B. (2001, October). *Neural Systems Supporting Language: Medial Frontal Cortex and Subcortical Structures*. Workshop presented to the Philadelphia Neuropsychological Society, Philadelphia, Pennsylvania, October 28, 2000.
- Crosson, B. (2001, October). *Imaging of Basal Ganglia Activity during Word Generation: Problems and Preliminary Findings*. Lecture presented at the University of Pennsylvania Medical School, Philadelphia, Pennsylvania, October 26, 2000.
- Crosson, B. (1999, November). *Subcortical Functions in Language and Memory*. Workshop presented at the Annual Meeting of the National Academy of Neuropsychology, San Antonio, Texas, November 11, 1999.
- Crosson, B. (discussant) (1999, August). *Recent advances in functional MRI—Basic and clinical research*. Symposium presented at the Annual Meeting of the American Psychological Association. Boston, MA.
- Crosson, B. (1997, March). *The Thalamus and Language*. Lecture presented to the faculty of the Department of Psychiatry, Wayne State University, Detroit, Michigan, March 7, 1997.
- Crosson, B. (Moderator) (October, 1996). *Beyond Structure: 1<sup>st</sup> Heidelberg Conference on Dynamic and Functional Radiological Imaging of the Brain*, Heidelberg, Germany, October 31-November 2, 1996.
- Schwartz, R., Adair, J. C., Raymer, A. M., Williamson, D. J., Crosson, B., Rothi, L. J. G., Nadeau, S. E., & Heilman, K. M. (1996, February). *A New Test for Praxis: Florida Action Recall Test*. Paper presented at the North American Meeting of the International Neuropsychological Society, Chicago, Illinois.
- Crosson, B. (1995, November). *Subcortical Mechanisms in Language: Lexical-Semantic Mechanisms and the Thalamus*. Colloquium presented to the graduate students and faculty of The Department of Psychology, Finch University of Health Sciences/The Chicago Medical School, North Chicago, Illinois, November 7, 1995.
- Crosson, B. (Presenter) (1995, November). *Neuropsychology for the Speech/Language Pathologist*. A short course presentation at the Annual Meeting of the American Speech-Language-Hearing Association, Orlando, Florida, December 10, 1995.
- Crosson, B. (1995, May). *Subcortical Functions in Language: Lexical-Semantic Mechanisms and the Thalamus*. In *Subcortical Mechanisms in Language and Cognition*. A symposium presented at Tennesse VI, Montreal, Quebec, Canada.
- Crosson, B. (1995, March). *Lexical-Semantic Mechanisms and the Thalamus*. Grand rounds

- presentation to the Neurology Department of the Medical College of Wisconsin, Milwaukee, Wisconsin, March 31, 1995.
- Crosson, B. (1994, May) *Awareness and Compensation in Post-Acute Head Injury Rehabilitation*. Presented at the 6th Annual Conference on Rebuilding Shattered Lives. Sponsored by the Center for Head Injuries and the Department of Professional Development at the John F. Kennedy - Robert Wood Johnson Rehabilitation Institute, Edison, New Jersey, May 13, 1994.
- Crosson, B., Galaburda, A. M., Nadeau, S. E., & Williamson, D. J. G. (1994, January). *Anatomic and Physiologic Bases of Language: Bridging Basic and Cognitive Neurosciences to Build Systems Models*. Presented at the 1994 Winter Conference on Brain Research, Snowbird, Utah.
- Crosson, B. (Chair) (1992, February). *Subcortical Structures in Language: Uncharted Territory*. Symposium presented at the North American Meeting of the International Neuropsychological Society, San Diego, California, February, 1992.
- Crosson, B. (1992, January). *Language Deficits after Dominant Thalamic Lesion: Implications for Schizophrenia*. In *Thalamic Function in Schizophrenia*. Workshop presented at the Winter Conference on Brain Research, Steamboat Springs, Colorado.
- Crosson, B. & Barco, P. P. (1990, November). *Awareness and Compensation in Post-Acute Rehabilitation*. In *Comparative Cognitive Models*. Seminar presented at the Annual National Symposium of the National Head Injury Foundation, New Orleans, Louisiana.
- Crosson, B. (1989, September). *Is the Striatum Involved in Language?* Paper presented at the International Workshop: Neuropsychological Disorders Associated with Subcortical Lesions, Como, Italy.
- Trenerry, M. R., Crosson, B., DeBoe, J. B., & Leber, W. R. (1989, August). *Development of the Stroop Neuropsychological Screening Test*. Paper presented at the Annual Meeting of the American Psychological Association, New Orleans, Louisiana.
- Crosson, B. (1989, February). *Subcortical Functions in Cognition and Language*. Workshop presented at the North American Meeting of the International Neuropsychological Society, Vancouver, British Columbia, Canada, February 8, 1989.
- Velozo, C. A., Hazelrigg, P. J., Barco, P. P., Cooper, P. V., Poole, D., Crosson, B., Frank, R. G., & Alper, J. S. (1988, November). *Development of a Computerized Database on Post-Acute Head Injured Patients*. Paper presented at the Annual National Symposium of the National Head Injury Foundation, Atlanta, Georgia.
- Crosson, B., Barco, P. P., Velozo, C. A., Bolesta, M. M., & Brobeck, T. C. (1988, September). *Awareness and Compensation in Community Reintegration after Head Injury*. Paper presented at Cognitive Rehabilitation: Community Reintegration through Scientifically

Based Practice, Richmond, Virginia.

- Crosson, B. (1988, March). *Subcortical Language Functions: Their Possible Role in Schizophrenia*. Lecture presented to the staff of the Menninger Foundation, Topeka, Kansas, March 4, 1988.
- Crosson, B. (1988, March). *Awareness in the Rehabilitation of Head Injury*, Guest Lecture presented to the staff of the Colmery-O'Neil Veterans Administration Medical Center, Topeka, Kansas, March 4, 1988.
- Crosson, B., Novack, T. A., Trenerry, M. R., & Craig, P. L. (October, 1986). *Memory Processes after Closed-Head Injury*. Paper presented at the 1986 Traumatic Head Injury Conference, Braintree, Massachusetts.
- Crosson, B., Novack, T. A., Trenerry, M. R., & Craig, P. L. (1986, August). *California Verbal Learning Test (CVLT) Performance: Head Injured vs. Normal Adults*. Paper presented at the Annual Meeting of the American Psychological Association, Washington, D. C.
- Crosson, B. (1985, August). *Interdisciplinary Treatment of Interpersonal Skills Deficits in Inpatient Rehabilitation*. In *Clinical Neuropsychologists in Head-Injury Rehabilitation*. Symposium presented at the meeting of the American Psychological Association, Los Angeles, California.
- Crosson, B., Parker, J. C., Warren, R. L., LaBreche, T., & Tully, R. (1983, August). *Dominant Thalamic Lesion with and without Aphasia*. Paper presented at the annual meeting of the American Psychological Association, Anaheim, California.
- Crosson, B. (1983, May). *Thalamic Aphasia*. Lecture presented to the psychology staff and interns of the Veterans Administration Medical Center, Portland, Oregon, May 20, 1983.
- Crosson, B. (Presenter) (1983, May). *Military Applications of Clinical Neuropsychology*. Workshop conducted by the U.S. Army, Seattle, Washington, May 16-19, 1983.
- Crosson, B. (Presenter) (1983, March) *Workshop in Clinical Neuropsychology*. Letterman Army Medical Center, San Francisco, California, March 21-25, 1983.
- Crosson, B. (1981, August). *The Thalamic Feedback Loop in Aphasia: A Tentative Model*. Paper presented at the annual meeting of the American Psychological Association, Los Angeles, California.
- Crosson, B. (1981, May). *Current Issues in Neuropsychology*. Seminar series presented to the staff and interns of the Wm. Beaumont Army Medical Center, Ft. Bliss, Texas, May 18, 22, 25, and 29, 1981.
- Crosson, B. (1980, May). *Introduction to the Luria-Nebraska Battery*. Seminar presented to the staff and interns of the Wm. Beaumont Army Medical Center Psychology Service, Ft. Bliss,

Texas, May 28, 1980.

Warren, R. L. & Crosson, B. (1978, November). *Dichotic Listening in Broca's and Wernicke's Aphasia*. Paper presented at the annual convention of the American Speech and Hearing Association, San Francisco, California.

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