

CURRICULUM VITAE

Sara J. Swanson PhD

**Chief, Professor
Department of Neurology
Division of Neuropsychology**

OFFICE ADDRESS:

The Hub for Collaborative Medicine
8701 Watertown Plank Road
Milwaukee, WI 53226

EDUCATION:

08/1979 - 06/1983 BS - Cum Laude Psychology, Washington State University, Pullman, WA
08/1984 - 06/1986 MS - Clinical Psychology, Washington State University, Pullman, WA
08/1986 - 06/1989 PhD - Clinical Psychology, Washington State University, Pullman, WA

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

1988 - 1989 Predoctoral Clinical Psychology Intern, Department of Psychiatry and Behavioral Sciences, University of Washington School of Medicine, Seattle, WA
1989 - 1990 Neuropsychology Research Fellow, Department of Neurology, Medical College of Wisconsin, Milwaukee, WI
1990 - 1992 Clinical Neuropsychology Postdoctoral Fellow, Department of Neurology, Medical College of Wisconsin, Milwaukee, WI

FACULTY APPOINTMENTS:

1993 - 1995 Instructor, Neurology, Medical College of Wisconsin, Milwaukee, WI
1995 - 2001 Assistant Professor, Neurology, Medical College of Wisconsin, Milwaukee, WI
2001 - Present Adjunct Associate Professor, Psychology Department, University of Wisconsin-Milwaukee, Milwaukee, WI
2001 - Present Associate Professor, Neurology, Medical College of Wisconsin, Milwaukee, WI
2003 - Present Adjunct Clinical Associate Professor, Department of Psychology, Marquette University, Milwaukee, WI
2008 - Present Professor, Neurology, Medical College of Wisconsin, Milwaukee, WI

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

2001 - Present Director, Adult Director of Neuropsychological Services, Adult Comprehensive Epilepsy Program
09/2005 - 2009 Director of Clinical Practicum Training, Department of Neurology, Division of Neuropsychology, Medical College of Wisconsin, Milwaukee, WI
2008 - 2010 Associate Director of Clinical Training, Neuropsychology Clinic, Medical College of Wisconsin, Milwaukee, WI
2010 - 2012 Interim Division Chief, Department of Neurology, Section of Neuropsychology
2012 - Present Division Chief, Department of Neurology, Section of Neuropsychology, Medical College of Wisconsin

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

1984 - 1986 Physiological Psychology Research Assistant, Washington State University, Pullman, WA
1985 - 1986 Psychotherapist, Human Resource Center and Student Counseling Center, Washington State University, Pullman, WA

1985 - 1987 Behavioral Medicine Consultant, Student Health Center, Washington State University, Pullman, WA
 1989 - 1990 Clinical Psychologist, Eating Disorders Program, DePaul Hospital, Milwaukee, WI
 1990 - 1991 Clinical Psychologist, Charter Hospital Outpatient Psychotherapy Clinic, Milwaukee, WI
 1993 - Present Clinical Neuropsychologist, Froedtert Memorial Lutheran Hospital, Milwaukee, WI

HOSPITAL STAFF PRIVILEGES:

1993 - Present Froedtert Memorial Lutheran Hospital, Milwaukee, WI
 2002 - Present St. Luke's Medical Center, Milwaukee, WI

SPECIALTY BOARDS AND CERTIFICATION:

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
National Register of Health Service Providers in Psychology		1993	None
American Board of Professional Psychology		1995	None

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Wisconsin License	#1507	11/17/1989	09/30/2023

AWARDS AND HONORS:

1979 - Present Alumni Merit Scholarship , Washington State University
 1981 - Present Paul Dupertuis Scholarship, Washington State University
 1982 - Present Phi Kappa Phi
 1983 - Present 1983 Association of Research Professors Undergraduate Research Award, Washington State University
 1983 - Present Phi Beta Kappa
 1984 - Present Women of Achievement Award, Washington State University
 2009 - Present Outstanding Teachers for 2008-2009, Medical College of Wisconsin
 2009 - Present MCW'S Outstanding Teachers for 2008-2009
 2017 - Present Senior Female Faculty Pin Ceremony
 2021 - Present Fellow, Division 40 of the American Psychological Association

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

1989 - Present American Psychological Association (Member)
 1990 - Present Wisconsin Psychological Association (Member)
 1990 - Present Midwest Neuropsychology Group (Member)
 1991 - Present Div. 40 Clinical Neuropsychology (Member)
 1992 - Present International Neuropsychology Society (Member)
 1995 - Present American Academy of Clinical Neuropsychology (Member)
 1999 - Present American Epilepsy Society (Member)
 2002 - 2006 International League Against Epilepsy, Diagnostic Methods Neuropsychology Submission (Member)
 2004 - 2009 American Board of Clinical Neuropsychology Board of Directors (Board Member)
 2009 - Present Walter Zeit Fellow (Member)
 2011 - 2018 American Academy of Clinical Neuropsychology, Board of Directors, Chair, Conflict of Interest Committee (Member)
 2016 - 2018 Elected, Executive committee of AACN, Secretary

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Editorship
 1998 - 2005 International Journal of Offender Therapy and Comparative Criminology

Journal Review

- 2000 - Present Journal of the International Neuropsychological Society
- 2000 - Present Journal of Communication Disorders
- 2000 - Present Neuroimage
- 2000 - Present Cerebral Cortex
- 2000 - Present Epilepsia
- 2000 - Present Oxford University Press
- 2000 - Present Epilepsy and Behavior
- 2000 - Present Human Brain Mapping
- 2000 - Present Epileptic Disorders
- 2000 - Present Neuropsychology

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

- 1998 - Present Scientific Program Chair, Annual meeting of the Midwest Neuropsychological Group
- 1999 - Present Judge for Charles Matthews Student Research Award, Annual meeting of the Midwest Neuropsychological Group
- 2003 - Present Program Chair, Annual meeting of the Midwest Neuropsychological Group
- 2010 - 2011 Grant reviewer for the Clinical and Translational Sciences Institute, Medical College of Wisconsin
- 2014 - Present Neurology Chair Recruitment Committee, Medical College of Wisconsin
- 2016 - Present Chair, Neurology Department Promotions Committee, Medical College of Wisconsin
- 2019 - 2020 Grant Reviewer, Collaborative Research Projects for Improved Health, Advancing a Healthier Wisconsin
- 2019 - Present Reviewer, 2019 Request for Applications for Seed Grants, Cognitive Neuroscience Research Program
- 2020 - Present Pilot Grant Review Panel, Cognitive Neuroscience Research Program, Medical College of Wisconsin

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

- 2000 - 2002 Member, Clinical Investigator's Workshop Committee, American Epilepsy Society
- 2002 - Present International League Against Epilepsy Diagnostic Methods Submission on Neuropsychological Assessment in Epilepsy
- 2003 - 2007 Director, Neuropsychology Special Interest Group, American Epilepsy Society
- 2004 - 2009 Member, Board of Directors, 2004-2009 American Board of Clinical Neuropsychology
- 2004 - 2009 Member, Work Sample Review Committee, American Board of Clinical Neuropsychology Board of Directors
- 2004 - Present Member, Nominations Committee, American Board of Clinical Neuropsychology Board of Directors
- 2005 - 2011 Board Examiner, 2005-2011 American Board of Clinical Neuropsychology
- 2010 - 2018 Member, Board of Directors, 2011-2016 American Academy of Clinical Neuropsychology
- 2012 - 2015 Nominations Committee, AACN
- 2012 - 2013 Targeted Research Initiative for Cognitive and Psychiatric Aspects of Epilepsy, National Grant Review Committees, Epilepsy Foundation of America
- 2016 - 2018 Secretary of the Board, Executive Committee, AACN
- 2020 - Present Alternative Board Examiner for National Oral Exams, ABCN

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Prior

Peer Review

Title:	The Effects of Anabolic Androgenic Steroids on Aggressive Behavior in Male Athletes
Source:	Alcohol and Drug Abuse Program, Washington State University
Role:	Principal Investigator
PI:	Self

Dates:	1987 - 1988
Direct Funds:	\$12,000
Title:	Anabolic Androgenic Steroids and Aggressive Behavior in Humans
Source:	ADAMHA, PHS, R03 MH44670-01
Role:	Co-Investigator, wrote the grant and directed the study as a graduate student
PI:	Harold Dengerink, Ph.D.
Dates:	1989 - 1990
Direct Funds:	\$20,000
Title:	Neuropsychological Effects of Gabapentin in Patients with Complex Partial and secondarily Generalized Seizures: A Double-blind, Dose-controlled, Multicenter Study
Source:	Parke-Davis Pharmaceutical Research
Role:	Co-Investigator, Director of Neuropsychological Testing
PI:	George Morris III, M.D.
Dates:	1993 - 1994
Direct Funds:	\$78,000
Title:	Neuropsychological Effects of Tiagabine HCl Monotherapy in the Treatment for Partial Seizures: High Dose versus Low Dose
Source:	Abbott Laboratories
Role:	Co-Investigator, Director of Neuropsychological Testing
PI:	George Morris III, M.D.
Dates:	1994 - 1995
Direct Funds:	\$41,800
Title:	Pre-surgical Localization of Language and Memory Cortex with FMRI
Source:	Dana Clinical Hypotheses in Neuroscience Research Proposal
Role:	Co-Investigator
PI:	Jeffrey R. Binder, M.D
Dates:	1994 - 1997
Direct Funds:	\$100,197
Title:	Language Function Following Temporal Lobectomy with Intraoperative Stimulation Mapping
Source:	Epilepsy Foundation of America, Behavioral Science Student Fellowship
Role:	Faculty Sponsor
Dates:	1996 - Present
Direct Funds:	\$2,000
Title:	Language Localization in Epilepsy with Functional MRI, Wada Testing, and Intraoperative Stimulation Mapping
Source:	Epilepsy Foundation of America, Junior

Role:	Investigator Research Grant
PI:	Principal Investigator
Dates:	Self
Direct Funds:	1996 - 1997
	\$29,887
Title:	Presurgical Applications of Functional MRI in Epilepsy
Source:	National Institutes of Health, RO1 NS35929-01
Role:	Co-Investigator
PI:	Jeffrey R. Binder, M.D.
Dates:	1997 - 2001
Direct Funds:	\$1,308,655
Title:	Wada Memory Asymmetries as a Predictor of Memory Outcome Following Anterior Temporal Lobectomy
Source:	Epilepsy Foundation of America, Behavioral Science Student Fellowship
Role:	Faculty Sponsor
Dates:	1998 - Present
Direct Funds:	\$2,000
Title:	The Effects of Sex and Age at Onset of Epilepsy on Language Lateralization
Source:	Epilepsy Foundation of America, Behavioral Science Student Fellowship
Role:	Faculty Sponsor
Dates:	1998 - Present
Direct Funds:	\$2,000
Title:	A Functional MRI Study of the Effects of Vagus Nerve Stimulation on Memory
Source:	Research Initiative Award American Epilepsy Society
Role:	Principal Investigator
PI:	Self
Dates:	1999 - 2000
Direct Funds:	\$15,000
Title:	Long-term cognitive and psychosocial outcome of epilepsy with and without surgical intervention
Source:	Epilepsy Foundation of America, Behavioral Science Student Fellowship
Role:	Faculty Sponsor
Dates:	2001 - Present
Direct Funds:	\$3,000
Title:	Age of Acquisition Predicts Word Retention Following Temporal Lobectomy
Source:	Epilepsy Foundation of America, Behavioral Science Student Fellowship
Role:	Faculty Sponsor

Dates:	2002 - Present
Direct Funds:	\$3,000
Title:	Presurgical Applications of FMRI in Epilepsy
Source:	National Institutes of Health, RO1 NS035929
Role:	Co-Investigator
Dates:	2004 - 2008
Direct Funds:	\$1,500,000
Title:	Electrical Stimulation Mapping Using Visual and Auditory Category Specific Naming
Source:	Epilepsy Foundation of America
Role:	Faculty Mentor
Dates:	07/01/2007 - 06/30/2008
Direct Funds:	\$40,000

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Intracarotid Sodium Amytal Testing, American Society of Electroneurodiagnostic Technologists Meeting, Milwaukee, WI, 10/1998 - Present

Neuropsychological Differential Diagnosis, Department of Psychiatry Grand Rounds, Milwaukee, WI, 12/1999 - Present

Cerebral Lateralization of Language and Memory in Epilepsy Surgery Candidates using Functional MRI and Wada testing, Marquette University Department of Psychology Colloquium series, Milwaukee, WI, 09/2000 - Present

Neuropsychological Tests as Surrogate Markers for Tolerance, International League Against Epilepsy, Tolerance Workshop, Milwaukee, WI, 01/2003 - Present

Practical Considerations for Neuropsychological Assessments, Civil Trial Counsel of Wisconsin, Wisconsin Dells, WI, 08/24/2006 - Present

The Neuropsychology of TBI and Concussion, Personal Injury Symposium, Brookfield, WI, 04/2019

Regional

FMRI Studies of Language and Memory, Chicago Medical School Colloquium series, Chicago, IL, 04/2000 - Present

Predicting Cognitive Outcome Using fMRI, Minnesota Epilepsy Group, St. Paul, MN, 09/2005 - Present

National

Cognitive and Psychological Correlates of Non-epileptic Seizures, The Minnesota Epilepsy Group, Non-Epileptic Seizures: A Consensus Conference on Diagnosis and Treatment, Bethesda, MD, 04/1996 - Present

fMRI of memory in epilepsy, Clinical Investigator's Workshop, American Epilepsy Society, Seattle, WA, 12/2002 - Present

Functional MRI in Epilepsy Surgery Candidates, American Epilepsy Society, San Diego, CA, 12/2006 - Present

International

Functional Magnetic Resonance Imaging (FMRI) and Epilepsy (Hammeke, Swanson, Binder, Rao, Fischer, Frost, Morris, & Mueller), The 19th Annual European Meeting of the International Neuropsychological Society, Veldhoven, Netherlands, 06/1996 - Present

fMRI of memory in epilepsy, Psychiatrie Handicap Neurologie, Epilepsy Workshop, Carcassonne, France, 06/2003 - Present

fMRI of language and memory, International Epilepsy Congress, Lisbon, Portugal, 10/2003 - Present

Functional Magnetic Resonance Imaging for Epilepsy, International Epilepsy Congress, Paris, France,

08/2005 - Present
Neuropsychology in the Care of People with Epilepsy, Progress in Epileptic Disorders Workshop, Toronto, Canada, 11/2010 - Present

COMMITTEE SERVICE:

Medical College of Wisconsin

2000 - Present Member, Faculty Education Committee, Department of Neurology, Medical College of Wisconsin
2005 - Present Member, Research Committee, Neurology Department, Medical College of Wisconsin
2010 - Present Member, Promotions Committee, Neurology Department, Medical College of Wisconsin

MEDICAL COLLEGE TEACHING ACTIVITIES:

Graduate Student Education

1992 - 1999 Lecturer, Neurobehavioral Science Course for Neurology, Psychiatry, and Clinical Neuropsychology Residents
1993 - Present Neuropsychology Case Conference for residents and graduate practicum students in clinical neuropsychology
1994 - Present Lecturer, presentations on neurobehavioral syndromes, somatoform disorders, psychometric testing, and the intracarotid sodium amytal test for residents in Neurology
1998 - 2008 Lecturer for Psychiatry residents, PGY1 Psychological Assessment Series

EXTRAMURAL TEACHING:

Medical Student Education

1986 - 1987 Washington State University, University Courses Taught, Introductory Psychology
08/1994 - 2002 Door County Summer Institute, Neuropsychology of epilepsy
10/1996 - 1998 Epilepsy to the Year 2000 Meeting, Neuropsychological assessment in epilepsy, psychosocial aspects of epilepsy, FMRI as a window to the brain
Neuropsychological Assessment of Adults: An Introduction to Theory & Practice

Graduate Student Education

1993 - Present Medical College of Wisconsin, Lecturer, Neuropsychology Seminar for residents and graduate practicum students in clinical neuropsychology
1998 - 2011 Medical College of Wisconsin, Lecturer for medical student, M1s, Medical Neurosciences Course

MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:

Undergraduate Students

Preceptor/Supervisor for 4 clinical neuropsychology residents and an average of 4 to 5 graduate clinical psychology practicum students annually, Medical College of Wisconsin, 1993 - Present

Postdoctoral Students

Teresa Deer, Ph.D., Medical College of Wisconsin
Scott Winstanley, Ph.D., Medical College of Wisconsin
Dongwook Lee, Ph.D., Medical College of Wisconsin
Bradley Anderson, Ph.D., Medical College of Wisconsin
Shelley Gremley, Ph.D., Medical College of Wisconsin
June Restrepo, Ph.D., Medical College of Wisconsin
Kathleen Patterson, Ph.D., Medical College of Wisconsin
Michael Parsons, Ph.D., Medical College of Wisconsin
Annabel Chen, Ph.D., Medical College of Wisconsin
Julie Bobholz, Ph.D., Medical College of Wisconsin
Kathleen Patterson, Ph.D., Medical College of Wisconsin
Larissa Mead, Ph.D., Medical College of Wisconsin

Catherine Leveroni, Ph.D., Medical College of Wisconsin
Joseph Sadek, Ph.D., Medical College of Wisconsin
Sarah Kortenkamp, Ph.D., Medical College of Wisconsin
Eric Larson, Ph.D., Medical College of Wisconsin
Jason Kanz, Ph.D., Medical College of Wisconsin
Laura Chapman, Ph.D., Medical College of Wisconsin
Steven Brown, Ph.D., Medical College of Wisconsin
Kirk Rowe, Ph.D., Medical College of Wisconsin
Louanne Liske, Ph.D., Medical College of Wisconsin
Matthew Euler, Ph.D., Medical College of Wisconsin

EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS

MENTORED:

Undergraduate Students

Julie Vosters, Carroll College
Stephanie Jenkins, Carroll College
Ilana Ruff, Brown University

Graduate Students

MS

Pamela Weigertz, Chicago Medical School, 1997 - 1998
Heidi Ham, University of Edinburgh, Scotland, 2008 - 2010

MS Committees

David Sabsevitz, Chicago Medical School, 1998 - 1999
Vaishali Phatak, UW-Milwaukee, 1999 - 2002
Maria Moran, Chicago Medical School, 1999 - 2000
Geisa Getz, Chicago Medical School, 2002 - 2003
Janecek, Marquette University, - 2011

Postdoctoral Students

Linda Bernardin, Ph.D., Medical College of Wisconsin
Joseph Cunninham, Ph.D., Medical College of Wisconsin
Jane Springer, Ph.D., Medical College of Wisconsin
Peter Arnette, Ph.D., Medical College of Wisconsin

Clinical/Research Fellows

Gretchen Weatherly, UW-Milwaukee
David Sabsevitz, Chicago Medical School
Julie Janecek, Marquette University
Andy Mayer, Chicago Medical School

PROGRAMMATIC DEVELOPMENTS:

Educational Programs

Fellow

Neuropsychology of idiopathic NPH
Neuropsychology of Epilepsy

Research Programs

Integrated research program between the Comprehensive Clinical Epilepsy Surgery Program and the fMRI of epilepsy

Clinical Programs

Developed 1) the clinical procedures including testing protocols, lateralization ratings, and Wada examination for the epilepsy surgery patients, 2) methods for predicting cognitive outcome and risks
Idiopathic normal pressure hydrocephalus program, neuropsychological services

Developed a 1) cognitive testing protocol for use prior to and following lumbar puncture, lumbar draining and ventriculoperitoneal shunting for the purpose of aiding in differential diagnosis of NPH
Adult clinical neuropsychology program for epilepsy surgery candidates

COMMUNITY SERVICE ACTIVITIES:

- 1995 - 2010 Titles: Topics included cognitive, psychiatric, psychosocial, and quality of life issues in epilepsy Meeting: Epilepsy Support Group City: Milwaukee, WI.
01/1997 - Present Title: Psychosocial issues in epilepsy Meeting: Community Program on Preventing Epileptic Seizures City: Milwaukee, WI
2010 - Present Women's Initiative Council of Milwaukee United Way Foundation City: Milwaukee, WI
2011 - Present Nicolet High School Science Fair Mentor for Social, Behavioral and Neuroscience City: Milwaukee, WI

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Dengerink, J. E., Dengerink, H. A., Swanson, S., Thompson, P., & Chermak, G. D. (1984). Gender and oral contraceptive effects on temporary auditory effects of noise. *Audiology*, 23, 411-425.
2. Swanson, S. J., Dengerink, H. A., Kondrick, P., & Miller, C. L. (1987). The influence of subjective factors on temporary threshold shifts after exposure to music and noise of equal energy. *Ear and Hearing*, 8(5), 288-291.
3. Quirk, W. S., Dengerink, H. A., Harding, J. W., Bademian, M. J., Swanson, S. J. & Wright, J. W. (1989). Autoregulation of cochlear blood flow in normotensive and spontaneously hypertensive rats following intracerebroventricularly mediated adjustment of blood pressure. *Hearing Research*, 38, 119-124.
4. Swanson, S. J. & Dengerink, H. A. (1989). Changes in pure-tone thresholds and temporary threshold shifts as a function of menstrual cycle and oral contraceptives. *Journal of Speech and Hearing Research*, 31, 569-574.
5. Morris III, G. L., Mueller, W. M., Yetkin, F. Z., Haughton, V. M., Hammeke, T. A., Swanson, S. J., DeYoe, E. A., Rao, S. M., Binder, J. R., Estkowski, L. D., Bandettini, P. A., Wong, E. C., & Hyde, J. S. (1994). Functional magnetic resonance imaging in partial epilepsy. *Epilepsia*, 35, 1194-1198.
6. Swanson, S. J., Rao, S. M., Grafman, J., Salazar, A., & Kraft, J. (1995). The relationship between seizure subtype and interictal personality: Results of the Vietnam Head Injury Study. *Brain*, 118, 91-103.
7. Binder, J. R., Swanson, S. J., Hammeke, T. A., Morris, G. L., Mueller, W. M., Fischer, M., Benbadis, S., Frost, J. A., Rao, S. M., Haughton, V. M. (1996). Determination of language dominance using functional MRI: a comparison with the Wada Test. *Neurology*, 46, 978-984.
8. Yetkin, Z., Hammeke, T. A., Swanson, S. J., Morris, G. L., Mueller, W., McAullife, T., & Haughton, V. (1995). A comparison of functional MR activation patterns during silent and audible language tasks. *American Journal of Radiology*, 16 (5), 1087-1092.
9. Benbadis, S. R., Lancman, M. E., Wolf, L. M., & Swanson, S. J. (1996). Pre-ictal pseudo-sleep: A new finding in psychogenic seizures. *Neurology*, 47, 63-67.
10. Arnett, P. A., Rao, S. M., Hussain, M., Swanson, S. J., & Hammeke, T. A. (1996). Conduction aphasia in multiple sclerosis: A case report with MRI findings. *Neurology*, 47, 576-578.
11. Mueller, W. M., Yetkin, Z., Hammeke, T. A., Morris, G. L., Swanson, S. J., Reichert, K., & Haughton, V. & (1996). FMRI of the motor cortex in patients with cerebral tumors. *Neurosurgery*, 39 (3), 515-521.
12. Binder, J. R., Swanson, S. J., Hammeke, T. A., Morris, G. L., Mueller, W. M., Fischer, M., Benbadis, S., Frost, J. A., Rao, S. M., Haughton, V. M. (1996). Determination of language dominance using functional MRI: a comparison with the Wada Test. *Neurology*, 46, 978-984.
13. Yetkin, Z., Swanson, S. J., Fischer, M., Akansel, G., Morris, G. L., Mueller, W. M., & Haughton, V. (1998). Functional MR of frontal lobe activation: comparison with Wada language results. *American Journal of Neuroradiology*, 19(6), 1095-8.
14. Bellgowan, P. S. F., Binder, J. R., Swanson, S. J., Hammeke, T. A., Springer, J. A., Frost, J. A., Mueller, W. M., & Morris, G. L. (1998). Lateralization of seizure focus predicts activation of the left medial temporal lobe during semantic information encoding: An FMRI study. *Neurology*, 51, 479-484.
15. Benbadis SR, Binder JR, Swanson SJ, Fischer M, Hammeke TA, Morris GL, Frost JA, Springer JA. (1998).

- Is speech arrest during Wada testing a valid method for determining hemispheric representation of language? *Brain and Language*, 65, 441-446.
16. Springer, J. A., Binder, J. R., Hammeke, T. A., Swanson, S. J., Frost, J. A., Bellgowan, P. S. F., Brewer, C. C., Perry, H. M., Morris, G. L., Mueller, W. M. (1999). Language dominance in neurologically normal and epilepsy subjects: A functional MRI study. *Brain*, 122, 2033-2045.
 17. Alsaadi, T. Ulmer, J. L., Mitchell, M. J. Morris, G. L., Swanson, S. J., & Mueller W. Magnetic Resonance analysis of postsurgical temporal lobectomies. *Journal of Neuroimaging*, 11(3):243-247, 2001.
 18. Sabsevitz, D. S., Swanson, S. J., Morris, G. L., Mueller, W. M., Seidenberg, M. Memory outcome following left anterior temporal lobectomy in patients with expected and reversed Wada memory asymmetry scores. *Epilepsia* 2001;42:1408-1415.
 19. Reynolds, Jr., N. C., Hellman, R. S., Tikofsky, R. S., Prost, R. W., Mark, L. P., Elejalde, B. R., Lebel, R., Hamsher, K. S., Swanson, S., & Benezra, E. E. Single photon emission computerized tomography (SPECT) in detecting neurodegeneration in Huntington's disease. *Nuclear Medicine Communications* 2002;23:13-18.
 20. Seidenberg M, Griffith R, Sabsevitz D, Moran M, Haltiner A, Bell B, Swanson S, Hammeke T, Hermann B. Recognition and identification of famous faces in patients with unilateral temporal lobe epilepsy. *Neuropsychologia* 2002;40:446-56.
 21. Sabsevitz, D.S., Swanson, S.J., Hammeke, T.A., Spanaki, M.V., Possing, E.T., Morris, G.L., Mueller, W.M., Binder, J.R. Use of preoperative functional neuroimaging to predict language deficits from epilepsy surgery. *Neurology* 60(11):1788-92, 2003.
 22. Moran M. Seidenberg M. Sabsevitz D. Swanson S. Hermann B. The acquisition of face and person identity information following anterior temporal lobectomy. *Journal of the International Neuropsychological Society* 11(3):237-48, 2005 May.
 23. Ruff, IM, Swanson, SJ, Hammeke, TA, Sabsevitz D, Mueller, WM, Morris GL. Predictors of Naming Decline After Dominant Temporal Lobectomy: Age at Onset of Epilepsy and Age of Word Acquisition. *Epilepsy and Behavior* 10:272-277, 2007.
 24. Swanson, S. J., Sabsevitz, D. S., Hammeke, T. A., Binder, J. R. Functional Magnetic Resonance Imaging of Language in Epilepsy. *Neuropsychology Review*, 17, 491-504, 2007.
 25. Stieglitz Ham, H. Corley, M., Rajendran, G., Carletta J., & Swanson, S. (2008) Brief Report: Imitation of Meaningless Gestures in Individuals with Asperger Syndrome and High-Functioning Autism. *Journal of Autism and Developmental Disorders*, 38, 569-573.
 26. J.R. Binder, D.S. Sabsevitz, S.J. Swanson, T.A. Hammeke, M. Raghavan, W.M. Mueller Use of Preoperative Functional MRI to Predict Verbal Memory Decline After Temporal Lobe Epilepsy Surgery. *Epilepsia*, 49, 1377-1394, 2008.
 27. Binder, J. R., Swanson, S.J., Hammeke T.A., Sabsevitz, D.S. A Comparison of Five fMRI Protocols for Mapping Speech Comprehension Systems. *Epilepsia*, 49, 1980-1997, 2008.
 28. Lee, D. L., Swanson, S. J., Sabsevitz, D. S., Hammeke, T. A., Binder, J. R. A Comparison of fMRI and Wada Results in Patients with Interhemispheric Dissociation of Language Functions. *Epilepsy and Behavior*, 13, 350-356, 2008.
 29. Stieglitz Ham H, Corley M, Rajendran G, Carletta J, Swanson S. Imitation of Meaningless Gestures in Individuals with Asperger Syndrome and High-Functioning Autism. *Journal of Autism and Developmental Disorders*, 38(3):569-73, 2008.
 30. Stieglitz Ham, H., Bartolo, A., Corley, M., Swanson, S., & Rajendran, G. Case Report: Selective deficit in the production of intransitive gestures in an individual with autism. *Cortex*, 46(3), 407-409, 2010.
 31. Jones-Gotman M, Smith ML, Risse GL, Westerveld M, Swanson SJ, Baxendale S, Giovagnoli AR, Lee T, Mader-Joaquim, MJ, Piazzini A. The contribution of neuropsychology to diagnostic assessment in epilepsy. *Epilepsy & Behavior*, 18(1-2):3-12, 2010
 32. Stieglitz Ham H, Bartolo A, Corley M, Gnanathusharan R, Szabo A, Swanson S. (2010) Exploring the Relationship between gestural recognition and imitation: evidence of dyspraxia in autism spectrum disorders. *Journal of Autism and Developmental Disorders*.
 33. Binder JR, Swanson SJ, Sabsevitz DS, Hammeke TA, Raghavan M, & Mueller WM. (2010) A comparison of two fMRI methods for predicting verbal memory decline after left temporal lobectomy: Language lateralization versus hippocampal activation asymmetry. *Epilepsia*, 51, 618-626.

Books, Chapters, and Reviews

1. Swanson, S. J., Springer, J. A., Morris, G. L., Benbadis, S. R. (1999). Cognitive and psychological correlates of non-epileptic seizures. In J. R. Gates & A. J. Rowan (Eds.) *Non-Epileptic Seizures*, Boston:

- Butterworth-Heinemann.
2. Swanson, S. J. & Stein E. A. (1999). The limbic system. In M. Wong-Riley (Ed.) *Neuroscience Secrets*. Philadelphia: Hanley & Belfus, Inc.
 3. Rao, S. M., & Swanson, S. J. (2003). Neuropsychological Assessment. In B. S. Fogel, R. B. Schiffer, S. M. Rao (Eds.) *Neuropsychiatry*. Philadelphia: Lippincott Williams & Wilkins.
 4. Hammeke, T.A., Mueller, W.M., Swanson, S.J., & Binder, J.R. (2003). Functional MRI in Epilepsy Surgery. In H.R. Winn (eds.) *Youmans Neurological Surgery*, 5th edition. Philadelphia, PA: W.B. Saunders Company.
 5. Swanson S. J., Sabsevitz DS, Hammeke, TA, Binder JR. (2005). Functional Magnetic Resonance Imaging in Epilepsy. *Division of Clinical Neuropsychology Newsletter* 40 2005;23: 7-8, 19-23.
 6. Swanson, S. J. (2006). Neuropsychological testing is of Limited Value for Predicting the Epileptogenic Zone. In JW Miller & DL Silbergeld (Eds.) *Controversies in Epilepsy Surgery*. New York: Marcel Dekker, Inc.
 7. Swanson, S. J. Fatigue in Neurological, Psychiatric, and Medical Conditions. *Journal of the International Neuropsychological Society*, 2006;12:441-444.
 8. Swanson, S. J., Binder, J. R., Baillet, Sylvain (In Press). Clinical Applications of FMRI and MEG in Epilepsy Surgery Candidates. In W. Barr & C. Morrison (Eds.) *Handbook on the Neuropsychology of Epilepsy*.

Abstracts

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