

CURRICULUM VITAE

Sandra Zinn, Ph.D.

PERSONAL DATA

Office Address

Research & Development
Veterans Affairs Medical Center (151)
508 Fulton St.
Durham, NC 27710
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(919)286-0411 ext. 7855

PROFESSIONAL TRAINING

Post-Doctoral Fellowship Neuropsychology, Health Services	06/2002	Veterans Affairs Medical Center Durham, NC
Ph. D. in Clinical Psychology	08/2000	University of North Carolina Chapel Hill, NC
Pre-Doctoral Internship	07/2000	Veterans Affairs Medical Center Durham, NC
M. A. in Clinical Psychology	12/1996	University of North Carolina Chapel Hill, NC
B. A. in Psychology	12/1990	University of North Carolina Chapel Hill, NC

AREAS OF EXPERTISE

Neuropsychology: the assessment and diagnosis of brain dysfunction due to injury, toxic exposure or medical/psychiatric disorder

Intellectual and Neuropsychological Assessment; Executive Function Disorders; Effect of Cognitive Impairment on Daily Living; Cognition in Aging; Cognitive Disorders in Substance Abuse and Mood Disorders; Attention Deficit Disorder; Post Traumatic Stress Disorder

LICENSURE

Licensed Psychologist/Health Service Provider, North Carolina Psychology Board #2785

PROFESSIONAL EXPERIENCE

Forensic Consultant & Expert Witness in Neuropsychology **8/02 – present**

North Carolina Superior Courts

Conduct cognitive and psychopathology assessments; assess decision-making, intellectual capacity, and fitness to stand trial. Provide expert testimony on brain and alcohol disorders as mitigating factors.

Clinical Neuropsychologist & Research Scientist **current**

Durham VA Medical Center

Conduct outpatient neuropsychology clinic, evaluations on chronic pain,

PROFESSIONAL EXPERIENCE cont'd

PTSD, sexual trauma. Provide individual & group therapy. Supervise cognitive assessments by interns, conduct cognitive research.

Assistant Professor **2006 – current**

*Department of Psychiatry, Division of Medical Psychology
Duke University Medical Center*

Research of cognitive phenomena, clinical program development

Chair, Institutional Review Board **2007 – current**

Durham VA Medical Center

Provide committee guidance and expertise on human research ethics

Neuropsychological Consultant **2007**

Duke University Department of Public Policy

Provide training and supervision of research on effect of alcohol consumption on intellectual performance in freshmen undergraduates

Voting Member **2004 – 2007**

Research & Development Scientific Review Committee

Durham VA Medical Center

Research Fellow **2000 – 2002**

Durham VA Medical Center

Conducted supervised research in alcoholism & stroke

Visiting Assistant Professor **2000 - 2001**

University of North Carolina at Chapel Hill

Taught undergraduate psychology courses

Rehabilitation Psychology Associate **2000**

Durham Rehabilitation Institute at Durham Regional Hospital

Division of Medical Psychology, Duke University Medical Center

Conducted neuropsychological evaluations of rehabilitation patients

Clinical Associate (Neuropsychology) **1997 - 1999**

Departments of Psychiatry and Neurology, UNC School of Medicine

Administered neuropsychological tests to diverse outpatients

FORENSIC SUPERVISION

Dr. Patrick Logue Department of Psychiatry Duke University Hospital	Forensic Neuropsychology	1999 - 2004
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Dr. Helen Brantley Department of Psychiatry UNC Hospitals	Forensic Child/Adolescent Evaluations	1997 - 1998
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HONORS

Advanced Career Development Award, Rehabilitation R&D, Department of Veterans Affairs	2005-2008
Invited Participant, Enhancing Rehabilitation Research in the South (ERRIS) Intensive Grant-writing Workshop	2007
Career Development Award, Rehabilitation R&D, Department of Veterans Affairs	2002-2005
Invited Participant, Northeast Cognitive Rehabilitation Research Network Cognitive Rehabilitation Workshop	2004
Association of Geriatric Psychiatry Summer Research Institute Participant	2002
Department of Health and Human Services Training Grant	1993-94
Undergraduate Degree awarded Highest Distinction	1990
Phi Beta Kappa Honorary Fraternity	1990
Psi Chi Honorary Psychology Fraternity	1990

FUNDING

Veterans Affairs Rehabilitation Research & Development Advanced Career Development Award (Zinn)

“Rehabilitation for Information Processing Limitations in Stroke Patients”

Primary Investigator/Awardee

2005-2008

Annual Direct Costs: Salary + \$50,000 annual research budget

Institute of Medical Research In-house Grant (Zinn)

“Pilot Study of Demand Sensitive Rehabilitation”

Primary Investigator

2005

Annual Direct Costs: \$15,000

Institute of Medical Research, Bristol-Myers Squibb Company (Butterfield, Zinn)

“An Open Label Pilot Study of Aripiprazole in PTSD”

Co-Primary Investigator

2003-2004

Annual Direct Costs: \$61,832

Veterans Affairs Rehabilitation Research & Development Career Development Award (Zinn)

“Effectiveness of Rehabilitation in Stroke Patients with Executive Function Disorders”

Primary Investigator/Awardee

2002-2005

Annual Direct Costs: Salary + \$20,000 annual research budget

93F053 Veterans Administration HSR&D (Bosworth, Swartzwelder, Zinn)

(Health Service Research and Development Post-doctoral Fellowship Program)

“Cognitive Impairment from Long-term Alcohol Intake”

Co-Primary Investigator

2000-2002

Annual Direct Costs: \$7000

REFEREED PUBLICATIONS

Papers

Zinn, S., Voils, C.I., Klein, H., Thompson, K.A., & Swartzwelder, H.S. (in press). Semantic strategies on the Hopkins Verbal Learning Test in non-demented clinical patients. *Applied Neuropsychology*.

Zinn, S., Bosworth, H.B., Hoenig, H.M., & Swartzwelder, H.S. (2007). Information processing deficits early after stroke. *Archives of Physical Medicine and Rehabilitation* 88(2) pp.173-180.

Zinn, S. (2006). White matter involvement in processing speed, short term and working memory: Evidence from cerebrovascular disease. *Journal of the International Neuropsychological Society* 12(S1) p. 143.

Zinn, S. (2005). Cognitive flexibility and the caudate nucleus. *Archives of Clinical Neuropsychology* 20(7) p. 867.

Zinn, S., Stein, R., & Swartzwelder, H.S. (2004). Executive function early in abstinence from alcohol. *Alcoholism: Clinical & Experimental Research* 28(9) pp.1338-1346.

Zinn, S., Dudley, T.K., Hoenig, H.M., Bosworth, H.B., Reker, D., Hamilton, B.H., Duncan, P.W., Horner, R.D. (2004). The effect of post-stroke cognitive impairment on rehabilitation process and functional outcome. *Archives of Physical Medicine and Rehabilitation* 85(7) pp. 1084-1090.

Zinn, S., Bosworth, H.B., Edwards, C.E., Swartzwelder, H.S. & Logue, P.E. (2003). Performance of recently detoxified patients with alcoholism on a neuropsychological screening test. *Addictive Behavior* 28(5) p. 837-849.

Jackson, E.W., Ryan, J., Zinn, S., Johnson, M.W., Gerber, D., Andreoni, K., Zacks, S., Fair, J., Shrestha, R., and Fried, M.W. (2002). Delayed neuropsychological dysfunction following liver transplantation for acute liver failure: a matched case controlled study. *Liver Transplantation* 8(10) p. 932-936.

Zinn, S., Bosworth, H.B., Hoff Lindquist, J., & Horner, R.D. (2002). Determinants of quality of life at six months post-stroke. *Annals of Behavioral Medicine* 24(2) (abstract).

Zinn, S., Bosworth, H.B., Dudley, T.K., Duncan, P.W. & Horner, R.D. (2001). Effect of cognitive impairment on disability in stroke patients receiving varied quality of rehabilitative care. *Archives of Physical Medicine and Rehabilitation* 82(9) (abstract).

Zinn, S., Edwards, C.L., Bosworth, H.B., Swartzwelder, H.S., Logue, P.E. (2001). Patterns of cognitive impairment in alcoholics on neuropsychological screening. *Clinical Neuropsychologist* 15(2), p. 283 (abstract).

Zinn, S., McCumber, S. & Dahlstrom, W. G. (1999). Cross-validation and extension of the MMPI-A IMM scale. *Assessment* 6(1), pp. 1-5.

Refereed Presentations

Zinn, S., Drury, P., Grambow, S. (2007). Factor analysis of executive functions in cerebrovascular disease. Presented at the 35th Annual Meeting of the International Neuropsychological Society.

Zinn, S., Golightly, Y., McCulloch, K. (2007). Relationship between executive functioning and balance and mobility in cerebrovascular disease. Presented at the 35th Annual Meeting of the International Neuropsychological Society.

Butterfield, M.I., Strauss, J.L., Zinn, S., O'Loughlin, S., O'Connor, K.M., Davidson, J. & Marx, K. (2006). An open-label pilot study of aripiprazole in PTSD. Presented at the 2006 Annual Meeting of the American Psychiatric Association.

Zinn, S. & Steffens, D. (2006) Psychiatric Disorders Contribute to Functional Decline in Vascular Disease. Presented at the 19th Annual Meeting of the American Association of Geriatric Psychiatry.

Zinn, S. (2006) White Matter Involvement in Processing Speed, Short Term and Working Memory in Cerebrovascular Disease. Presented at the 34th Annual Meeting of the International Neuropsychological Society.

Zinn, S. & Steffens, D. (2005). Depression in cerebrovascular disease. Presented at the 18th Annual Meeting of the American Association of Geriatric Psychiatry.

Zinn, S. (2005). Differential impairment of executive functions in cerebrovascular disease. Presented at 33rd Annual Meeting of the International Neuropsychological Society.

Feliu, M., Johnson, S., Edwards, C.L., Bennett, G, Lee, C., Robinson, E., & Zinn, S. (2004). Conceptualization of aggression in the symptom constellation of depression in African Americans. Presented at the 25th Annual Meeting of the Society for Behavioral Medicine.

Zinn, S., Leimone, L., Swartzwelder, H.S. & Steffens, D. (2004). Depression early after stroke. Presented at the 16th Annual Meeting of the American Association for Geriatric Psychiatry.

Zinn, S., Carter, A.C. & Swartzwelder, H.S. (2004). Strategy on the Ruff Figural Fluency Test: a measure of executive function. Presented at the 32nd Annual Meeting of the International Neuropsychological Society.

Zinn, S., Bosworth, H.B., & Horner, R.D. (2003). Stroke characteristics as factors in post-stroke depression. Presented at the Annual Meeting of the American Association of Geriatric Psychiatry.

Zinn, S., Bosworth, H.B., Hoff Lindquist, J., & Horner, R.D. (2002). Determinants of quality of life at six months post-stroke. Presented at Annual Meeting of Society for Behavioral Medicine.

Zinn, S. & Swartzwelder, H.S. (2002). Spatial ability and organizational strategy on the Rey Osterrieth complex figure. Presented at Annual Meeting of International Neuropsychological Society.

Zinn, S., Bosworth, H.B., Edwards, C.E., Swartzwelder, H.S. & Logue, P.E. (2001). Neuropsychological screening test results in detoxified patients with alcoholism. Presented at the 2001 Annual Conference of the American Psychological Association.

Other Publications

Johnson, S.R., Feliu, M., Logue, P.E., Harrell, E. & Zinn, S. (in press). Neuropsychological assessment of African Americans. In Edwards, C.E. (Ed.), *The Handbook of Behavioral Medicine and Diversity*.

Zinn, S. (2008). The Human Frontal Lobes: Functions and Disorders (review). *Applied Neuropsychology* 15(1), p. 92-93.

Zinn, S. (2007). State of the art in TBI research (review). *Applied Neuropsychology* 14(4), p. 305-306.

Zinn, S. (2005). Adherence in rehabilitation. In H. B. Bosworth, E. Z. Oddone & M. Weinberger (Eds.), *Patient Treatment Adherence: Concepts, Interventions, and Measurement*. Mahwah, NJ: Lawrence Erlbaum Associates.

Other Presentations

Zinn, S., Stein, R. & Swartzwelder, H.S. (2002). Executive Functions as Determinants of Substance Abuse Treatment Success. Presentation to Substance Abuse Clinic Staff Seminar, Durham VA Medical Center.

Zinn, S. (2001). Aging, Cognitive Impairment and Post-stroke Rehabilitation. Invited talk at Geriatrics Grand Rounds, Duke University Medical Center.

Zinn, S., Bosworth, H.B. & Horner, R.D. (2001). Stroke Rehabilitation, Cognitive Impairment and Functional Outcomes. Presentation at Stroke Fellows Research Symposium, Duke University Medical Center.

Zinn, S. & Swartzwelder, H.S. (2001). Cognitive Effects of Normal Aging and Alcoholism. Presentation at Fellows' Seminar, Center for the Study of Aging and Human Development, Duke University Medical Center.

EXPERT REVIEWS

Ad Hoc Reviewer

2001 - present

Archives of Physical Medicine & Rehabilitation, Elsevier

Journal of the International Neuropsychological Society, Cambridge University Press

Child Neuropsychology, Swets Zeitlinger

Applied Neuropsychology, Lawrence Erlbaum

Cognitive Neuropsychiatry, Psychology Press

International Journal of Geropsychiatry, Wiley Interscience

Health Services Research Journal, Health Research and Educational Trust