

CURRICULUM VITAE

PART I: General Information

Date Prepared: 06/14/06
Name: Elizabeth C. Leritz
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Home Address: 1731 Beacon Street, Apt. 416, Brookline, MA 02445
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FAX: 857-364-4544
Place of Birth: Springfield, Massachusetts

Education:

1996	B.A. Washington University in St. Louis
2000	M.S. University of Florida
2004	Ph.D. University of Florida

Postdoctoral Training:

2005-	NIH/NINDS Research Fellow, Brigham & Women's Hospital, Division of Aging (sponsoring institution) and the Geriatric Research, Education and Clinical Center (GRECC), VA Boston Healthcare System, Boston MA: William Milberg, Ph.D., ABPP/Cn & Regina McGlinchey, Ph.D., Sponsors
2004-2005	Postdoctoral Fellow, VA Boston Healthcare System and Harvard Medical School Department of Psychiatry, Boston, MA: William Milberg, Ph.D., Jennifer Moye, Ph.D. and Michelle Karel, Ph.D., Supervisors

Academic Appointments

2005-	Research Fellow, Brigham & Women's Hospital Division of Aging, Harvard Medical School
2004-	Clinical Fellow, Harvard Medical School Department of Psychiatry

Hospital or Affiliated Institution Appointments:

2003-2004	Clinical Intern, Harvard Medical School Department of Psychiatry
2004-	Clinical Fellow, Harvard Medical School Department of Psychiatry
2005-	Research Fellow, Brigham & Women's Hospital Division of Aging, Harvard Medical School

Professional Societies

1998-	International Neuropsychological Society
1998-	American Psychological Association

Editorial Boards:

- 2001 Ad hoc reviewer, Archives of Clinical Neuropsychology
2002 Ad hoc reviewer, Clinical Neuropsychologist

Awards and Honors

- 2000 Graduate Student Council Research Travel Award, University of Florida
- 2001 Research and Graduate Programs Travel Award for platform presentation of research, University of Florida
- 2002 Department of Clinical and Healthy Psychology Research Award for Excellence in Clinical Psychology Research, University of Florida
- 2002 Ronald and Phyllis Levitt Award for Excellence in Clinical Neuropsychology Research, University of Florida
- 2002 Henry Hécaen Award for demonstration of a record of achievement that indicates a promising career in the field, American Psychological Foundation and Division 40 (American Psychological Association)
- 2005 Laird Cermak Award for best submission in memory research, International Neuropsychological Society

PART II: Research, Teaching and Clinical Contributions

A. Narrative Report of Research, Teaching, and Clinical Contributions

Research

The diverse research experiences that I obtained in graduate school enabled me to develop several interest areas that I have pursued during my post-doctoral training at the Geriatric Neuropsychology Laboratory (GNL) located within the Geriatric Research, Education, and Clinical Center (GRECC), VA Healthcare System, Boston. This research has been conducted under the direction of William Milberg, Ph.D. and Regina McGlinchey, Ph.D. My broad goals have been to better understand how diseases such as dementia, stroke, and amnesia affect aspects of cognition such as memory, executive functioning and language. These aims, combined with an interest in the early detection of dementia led to the development of an independently-funded research project in which I am examining how different aspects of memory (i.e., those mediated by different brain regions, such as the medial temporal lobes and the frontal lobes) are affected in individuals who are at risk for developing Alzheimer's Disease or Vascular Dementia. This is a mentored project funded through NINDS and administered through the Division of Aging at Brigham & Women's Hospital; Drs. Milberg and McGlinchey serve as co-mentors. I am also particularly interested in understanding the neuroanatomical correlates of processes that underlie the successful encoding and retrieval of recently-experienced and remote events. Within these domains, future goals are to understand how classical associative learning is affected in our at-risk populations by working with one of my mentors (Dr. McGlinchey) on a paradigm that has received extensive support through previous studies in our laboratory. We also plan to begin collaborating with a local laboratory to further investigate memory in at-risk groups by correlating underlying neural activity (event-related potentials) (ERP's) with our experimental/behavioral measures.

Consistent with prior research conducted in the GNL, I have also developed an interest in learning how aspects of neuropsychological functioning, such as memory and language, are affected by cerebrovascular accidents (strokes). The primary goal of this research has been to differentiate the cognitive and linguistic deficits that are associated with vascular insults to particular brain regions, with a secondary goal of further understanding the interplay between memory and language, and how these processes are organized in the brain.

Research pursuits also include further enhancement of my skills in the processing and analysis of magnetic resonance imaging (MRI) techniques, such as morphometry and, specifically, diffusion tensor imaging (DTI). Ultimately, data from these imaging protocols will be analyzed in conjunction with data collected in my behavioral experiments to gain a further understanding of the inter-relationship(s) between brain and behavior.

Teaching

Current teaching responsibilities include the clinical supervision of psychology and geropsychology interns and post-doctoral fellows who are enrolled in our clinical training program at the GRECC/GNL. This includes supervision of neuropsychological assessments for the VA Neuropsychology Service and for the Aphasia Research Center (ARC). I have also become involved in the supervision of a research assistant on a specific project that was recently submitted to a local neuropsychology conference, and also provide direction for manuscript preparation. Teaching responsibilities also include serving as a teaching assistant for Dr. Milberg's Neuropsychological Assessment class at Harvard University Medical

School, which involves working directly with students and providing assistance with grading. I also have given several lectures on topics such as memory and stroke to undergraduate classes (Boston University) and to a local nursing leadership conference.

Clinical

My current clinical work includes conducting neuropsychological assessments through the VA Boston Neuropsychology Service, the GRECC, and through the ARC. This involves test selection, administration, interpretation, report writing, as well as providing feedback to patient, family members, and when appropriate, the referral source. Evaluations for the ARC involve the additional activity of presenting data and interpretation to the weekly Neurobehavioral/Aphasia Rounds held at the Boston VA. Patients are referred with a wide variety of presenting problems and potential etiologies, and include both young and old individuals. Current contributions on these services also include the supervision of interns and post-doctoral fellows who are enrolled in our clinical training program. This involves providing guidance with regard to test selection, administration, interpretation and case formulation, report writing, as well as feedback. Clinical and supervisory duties are conducted under the direction/supervision of William Milberg, Ph.D./ABPP/Cn.

B. Funding Information

- 2001-2004 McKnight Brain Institute, University of Florida, Co-Principal Investigator, "Aging, Novel Priming, and the Hippocampus"
- 2002-2004 NIH/NIMH predoctoral National Research Service Award (F31), Principal Investigator, "Hippocampal Involvement in Explicit and Implicit Memory." University of Florida (sponsoring institution), Russell M. Bauer, Ph.D., ABPP/Cn (Sponsor)
- 2005-2008 NINDS National Research Service Award (NRSA; F32), Principal Investigator, "Memory Dissociations and Risk for Alzheimer's Disease versus Vascular Dementia." Brigham & Women's Hospital (sponsoring institution), William Milberg, ABPP/Cn & Regina McGlinchey, Ph.D. (Sponsors)

C. Report of Current Research Activities

- 1. "Memory dissociations and risk for AD versus VaD." (NIH/NINDS F32). Project role: Principal Investigator
- 2. "Aphasia Research Center Program Project (NIH/NIDCD). Project role: Research Fellow
- 3. "Cognitive and Neuroanatomic Indicators of Dementia Risk." Project role: Co-Investigator
- 4. "Relating Cortical Function to Cerebrovascular and Dementia Risk." Project role: Research Fellow

D. Report of Teaching

1. Local Contributions

- 2001 Critical Thinking in Health Care

- Teaching Assistant
University of Florida, College of Health Professions
Directed discussion groups (problem-based learning method)
60 undergraduate students (approximate)
10 hours per week: preparation/ student contact/ grading
- 2002 Cognitive Bases of Behavior
Teaching Assistant
University of Florida, Department of Clinical & Health Psychology
Lectured on topics of attention, memory, and language
17 graduate students
10 hours per week: preparation/ student contact
- 2005 Introduction to Neuropsychology
Guest Lecturer
Boston University, Department of Psychology
Two lectures on the topic of memory
62 undergraduate students
12 hours preparation/ student contact
- 2006 Stroke: The Hole Story
Invited presentation to the Nursing Leadership Conference, Bedford, MA
Lecturer
50 attendees
5 hours preparation/ contact time

2. Advisory and supervisory responsibilities in a clinical or laboratory setting

- 2001-2002 Research Supervisor
Supervised undergraduate honors thesis (received Highest Honors)
Approximately 10 hours per week preparation/ student contact
- 2001-2003 Research Supervisor
Supervised undergraduate research assistant
Approximately 10 hours per week preparation/ student contact
- 2005- Research Supervisor
Supervise 3 research assistants in GNL laboratory
Approximately 5 hours per week preparation/ student contact

E. Report of Clinical Activities

- 1999 Practicum in Neuropsychology, Shands Hospital Psychology Clinic, University of Florida
- 2000 Practicum in Medical Psychology, Shands Hospital Psychology Clinic, University of Florida
- 2000 Practicum in Primary Care Psychology, Eastside Community Practice, University of Florida
- 2000 Practicum in Child and Pediatric Psychology, Shands Hospital Psychology Clinic, University of Florida
- 2001 Advanced Practicum in Adult Neuropsychology, Shands Hospital Psychology Clinic, University of Florida

- 2001 Advanced Practicum in Child Neuropsychology, Shands Hospital
Psychology Clinic, University of Florida
- 2001-2002 Internship, VA Boston Healthcare System & Harvard Medical School,
Geriatric Neuropsychology: Major rotation; PTSD: Minor Rotation
- 2004-2005 Postdoctoral Fellowship in Geropsychology and Neuropsychology, VA
Boston Healthcare System and Harvard Medical School, Neuropsychology:
Major Rotation, Geriatric Mental Health and Long-Term Care: Minor
Rotation
- 2005- Clinical Fellow, Boston Consortium in Clinical Psychology, General &
Geriatric Neuropsychology Rotation
- 2005- Clinical supervisor, Boston Consortium in Clinical Psychology, General &
Geriatric Neuropsychology Rotation

PART III: Bibliography:

Original Articles

1. Leritz, E., Brandt, J. Minor, M., Reis-Jensen, F, Petri, M. Subcortical functioning in patients with systemic lupus erythematosus. *Journal of the International Neuropsychological Society* 2000; 6: 821-825.
2. Leritz, E., Brandt, J., Minor, M., Reis-Jensen, F., Petri, M. Neuropsychological functioning and its relationship to antiphospholipid antibodies in patients with systemic lupus erythematosus. *Journal of Clinical and Experimental Neuropsychology* 2002; 24: 527-533.
3. Leritz, E., Loftis, C., Crucian, G., Friedman, W., Bowers, D. Self-awareness of deficits in Parkinson's disease. *The Clinical Neuropsychologist* 2004; 18: 352-361.

Book Chapters and Reviews

1. Bauer, R.M., Leritz, E.C., Bowers, D. Research methods in neuropsychology. In Schinka, J.A., Velicer, W.F., Weiner, I.B., editors. *Comprehensive Handbook of Psychology, Volume 2: Research Methods in Psychology*. New York: Academic Press, 2001.
2. Leritz, E.C., Grande, L.J., Bauer, R.M. Temporal lobe epilepsy as a model to understanding memory function: The distinction between explicit and implicit memory. (in press). Invited review for: *Epilepsy and Behavior*, 2006.

Submitted/ In Preparation

1. Leritz, E.C., McGlinchey, R., King, A., Abrams, L., Marsiske, M., Schmalfuss, I., Leonard, C., & Bauer, R.M. Associative priming, explicit memory, and hippocampal volumes in mild cognitive impairment. To be submitted to: *Neuropsychology*.
2. Leritz, E.C., McGlinchey, R., Grande, L., Lundgren, K., Albert, M. & Milberg, W. Using preserved lexical access to estimate premorbid IQ in aphasia. To be submitted to: *Brain and Language*.
3. Barber, C., Leritz, E.C., El-Messidi, L., Milberg, W. & McGlinchey, R. Cognitive

processes underlying verbal fluency. To be submitted to: Journal of the International Neuropsychological Society.

Abstracts

1. Young, C., Codori, A.M., Slavney, P.R., Rosenblatt, A.R., Krafft, L., Leritz, E., and Brandt, J. (1997, July). One-year prevalence of major depression after predictive testing for Huntington's disease. Poster session presented at the American Society of Human Genetics Conference, Baltimore, Maryland.
2. Houck, C., Grande, L., Leritz, E., Kilduff, P., and Fennell, E. (1999, April) Use of the Child Behavior Checklist to examine problem behaviors in pediatric brain tumor patients. Poster session presented at the 17th annual Florida Child Health Conference, Gainesville, Florida.
3. Grande, L., Leritz, E., Houck, C., & Fennell, E. (2000, August). Neuropsychological predictors of behavior problems in pediatric brain tumor patients. Paper session presented at the 108th annual meeting of the American Psychological Association, Washington, D.C.
4. Leritz, E., Grande, L., Gilmore, R., Roper, S., & Bauer, R. (2001, February). Conceptual and perceptual priming in temporal lobe epilepsy. Paper session presented at the 29th meeting of the International Neuropsychological Society, Chicago, Illinois.
5. Grande, L., Leritz, E., Mason, K., Evans, D., & Bauer, R. (2001, February). Longitudinal neuropsychological assessment of women with HIV. Poster session presented at the 29th annual meeting of the International Neuropsychological Society, Chicago, Illinois.
6. Bauer, R., Frakey, L., Leritz, E., & Thomas, K. (2001, February). Examining temporal lobe contributions to spatial memory using the virtual arena. Poster session presented at the 29th annual meeting of the International Neuropsychological Society, Chicago, Illinois.
7. Leritz, E., Shenal, B., Crucian, G., & Bowers, D. (2002, February). Differential effects of pallidotomy on depression and anxiety in Parkinson's disease. Poster session presented at the 30th meeting of the International Neuropsychological Society, Toronto, Ontario.
8. Leritz, E., Bauer, R., Roper, S., Gilmore, R., & Eisenschenk, S. (2003, February). Stereologic measures of hippocampal cell loss and memory function in surgical epilepsy. Poster session presented at the 31st annual meeting of the International Neuropsychological Society, Honolulu, Hawaii.
9. Bowers, D. & Leritz, E. (2003, February). Unawareness and insight in Parkinson's disease. Invited symposium presented at the 31st annual meeting of the International Neuropsychological Society, Honolulu, Hawaii.
10. Chang, Y., Leritz, E., McCoy, K., McDonald, C., & Bauer, R. (2003, February). Use of the Wechsler Memory Scale -III in surgical epilepsy. Poster session presented at the 31st annual meeting of the International Neuropsychological Society, Honolulu, Hawaii.
11. Leritz, E., King, A., & Bauer, R. (2004, February). Episodic and semantic priming in aging and mild cognitive impairment. Poster session presented at the 32nd meeting of the International Neuropsychological Society, Baltimore, Maryland.
12. Leritz, E., King, A., Abrams, L., Marsiske, M., Leonard, C., Schmalfluss, I., Fennell, E., Perlstein, W., & Bauer, R. (2005, February). Associative priming, explicit memory, and

their relationship to hippocampal volumes in aging and mild cognitive impairment. Paper session presented at the 33rd annual meeting of the International Neuropsychological Society, St. Louis, Missouri.

13. Leritz, E., McGlinchey, R., Grande, L., Lundgren, K., Albert, M. & Milberg, W. (2006, February). Using preserved lexical access to estimate premorbid IQ in aphasia. Poster session presented at the 34th annual meeting of the International Neuropsychological Society, Boston, Massachusetts.
14. Barber, C., Leritz, E., El-Messidi, L., Milberg, W. & McGlinchey, R. (2006, June). Cognitive processes underlying verbal fluency. Poster session presented at the annual meeting of the Massachusetts Neuropsychological Society, Boston, Massachusetts.
15. Leritz, E., McGlinchey, R., Grande, L., Lundgren, K., & Milberg, W. (2006, October). Measuring premorbid IQ in aphasia using indirect lexical access. Presentation to be given at the annual meeting of the Academy of Aphasia, Vancouver, British Columbia.

Dissertation

Leritz, E.C. Associative priming and explicit memory in aging and mild cognitive impairment. Gainesville (FL): University of Florida, 2004.