

CURRICULUM VITAE

CATHERINE BRAWN FORTIER

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EDUCATION

- 2002-2005 BOSTON CONSORTIUM IN CLINICAL PSYCHOLOGY
POSTDOCTORAL FELLOW, APA Accredited Program, Meets the requirements of a clinical neuropsychology postdoctoral fellowship as defined by Division 40.
Primary Supervisor: Roberta White, Ph.D., ABPP/CN
- 2001-2002 BOSTON CONSORTIUM IN CLINICAL PSYCHOLOGY
PREDOCTORAL INTERN, APA Accredited Program, Meets the requirements of a clinical neuropsychology internship as defined by Division 40.
Major Rotation in Neuropsychology, Minor Rotation in Child Psychology
Primary Supervisors: Roberta White, Ph.D., ABPP/CN & Maxine Kregel, Ph.D.
- Jan. 2003 BOSTON UNIVERSITY
DOCTOR OF PHILOSOPHY, CLINICAL PSYCHOLOGY
APA Accredited Program
Area of Concentration: Clinical Neuropsychology
Principal Advisors: Alice Cronin-Golomb, Ph.D. & Regina McGlinchey, Ph.D.
- May 1998 BOSTON UNIVERSITY
MASTER OF ARTS, CLINICAL PSYCHOLOGY
- 1995-1997 BOSTON UNIVERSITY SCHOOL OF MEDICINE
BEHAVIORAL NEUROSCIENCE DOCTORAL PROGRAM
Principal Advisor: Laird Cermak, Ph.D.
- May 1995 BOWDOIN COLLEGE, BACHELOR OF ARTS, NEUROSCIENCE

HONORS AND AWARDS

- 2002-2004 Teaching Fellow, Boston University School of Medicine
Nov. 2000 Sorembe Lambros Scholarship Fund
1997-2001 Graduate Research Assistantship, Boston University
1997-1998 Galen C. Moses Graduate Scholarship
1995-1997 Behavioral Neuroscience Academic Merit Scholarship
May 1995 Magna cum laude, Bowdoin College
1991-1995 James Bowdoin Scholar

PROFESSIONAL AFFILIATIONS

- 2001-present International Neuropsychological Society
1998-present American Psychological Association
1996-present Society for Neuroscience
1996-present Massachusetts Neuropsychological Society

RESEARCH EXPERIENCE

- 2006-present **Geriatric Research, Education & Clinical Center (GRECC), VA Boston Healthcare System & Harvard Medical School, Boston, MA**
Principal Investigator. VA Merit Review Entry Program funded grant, “Cognitive factors and relapse in chronic alcoholism.”
- 2005-present **Geriatric Research, Education & Clinical Center (GRECC), VA Boston Healthcare System & Harvard Medical School, Boston, MA**
Research Associate.
- 2005-2006 **Boston Environmental Hazards Center, Boston University School of Medicine & VA Boston Healthcare System, Boston, MA**
Research Associate. Principal Investigator: Boston Environmental Hazards Center Grant Pending Review, Project 2, “Associative Learning in Gulf War Veterans.”
- 2002-2005 **Boston Environmental Hazards Center, Boston University School of Medicine & VA Boston Healthcare System, Boston, MA**
Associate Investigator. Postdoctoral investigator responsible for Center project on the development and validation of neurocognitive and neuropsychological tests for assessment of visuospatial function in patients with well-defined neuropathology. Contributed to pre- and post-deployment study assessing baseline neurocognitive function of troops before deployment to Persian Gulf Region. **Supervisor:** Roberta White, Ph.D./ABPP/cn
- 2002-2005 **Memory Disorders Research Center, Boston University School of Medicine & VA Boston Healthcare System, Boston, MA**
Postdoctoral Fellow. Responsibilities included contribution to the design and assembly of experimental studies, supervision of research assistant conducting physiological experiments, writing research reports for publication, and administrative grant maintenance for NIAAA Grant, “Cognitive Changes Associated with Chronic Alcohol Abuse.”
Supervisor: Regina McGlinchey, Ph.D.
- 1997-2002 **Memory Disorders Research Center, Boston University School of Medicine & VA Boston Healthcare System, Boston, MA**
Predoctoral Fellow. Independently responsible for the day-to-day operation of the “Psychophysiology of Amnesia”, “Associative Learning in Amnesia”, and “Cognitive Deficits Related to Chronic Alcoholism” sections of the Memory Disorders Research Center Program Project. **Supervisors:** Regina McGlinchey-Berroth, Ph.D. & Meike Verfaellie, Ph.D., Director.
- 1995-1997 **Memory Disorders Research Center, Boston University School of Medicine & VA Boston Healthcare System, Boston, MA**
Graduate Research Assistant. **Supervisors:** Regina McGlinchey-Berroth, Ph.D. and Laird S. Cermak, Ph.D., Director.

RESEARCH EXPERIENCE CONTINUED

- 1994-1995 **Sleep Disorders Center, Brigham and Women's Hospital & Harvard Medical School**
Clinical Research Technician.
- Summer
1995 **Center for Social Development & Education of Children, University of Massachusetts, Boston**
Research Assistant.
- 1993-1995 **Bowdoin College Neuroscience Sleep Lab, Brunswick, ME**
Honors Researcher and Technician.

CLINICAL EXPERIENCE

- 2005-present **Boston Consortium in Clinical Psychology, VA Boston Healthcare Center, Boston, MA**
Supervisor in Neuropsychology and Geriatric Research, Education & Clinical Center (GRECC)
- 2002-2005 **Boston Consortium in Clinical Psychology, VA Boston Healthcare Center, Boston, MA**
Postdoctoral Fellow in Neuropsychology & Health Science Specialist.
- 2001-2002 **Boston Consortium in Clinical Psychology, VA Boston Healthcare Center, Boston, MA**
Predoctoral Intern. Primary Rotation: Neuropsychology, Minor Rotations: Child & Adolescent Psychology, Behavioral Emergency.
- 2000-2001 **Neuropsychology Service, Child Psychiatry, Boston Medical Center, Boston, MA**
Fourth Year Advanced Clinical Practicum.
- 2000-2001 **Neuropsychology Service, VA Boston Healthcare System, Boston, MA**
Fourth Year Advanced Clinical Practicum.
- 2000-2001 **Psychological Services, Mystic Valley Regional Charter School, Malden, MA.**
Clinical Practicum, Consultation basis.
- 1999-2000 **Neuropsychology Service, VA Boston Healthcare System, Boston, MA**
Third Year Clinical Practicum.
- 1998-1999 **Center for Anxiety and Related Disorders, Boston University, Boston, MA**
Second Year Clinical Practicum.
- 1998-2001 **Neuropsychological Services, Hyde Park, MA**
Neuropsychological consultant.
- 1996-2002 **Community Rehabilitation Care, Inc., Newton & Medford, MA**
Neuropsychological trainee & consultant.
- 1997-1998 **Community Rehabilitation Care, Inc., Newton & Medford, MA**
Neurocognitive Rehabilitation Case Manager.

Summer 1996 **Department of Behavioral Neurology and Neuropsychology, Beth Israel Deaconess Hospital & Harvard Medical School**
Neuropsychological trainee.

TEACHING EXPERIENCE

2005- present **Clinical Instructor in Psychiatry, Harvard Medical School**

2002-2005 **Teaching Fellow in Psychiatry, Boston University School of Medicine**

2000 **Teaching Assistant, Psychology Department, Boston University**

PUBLICATIONS

Papers:

1. **Fortier, C. B.**, Steffen, E.M., LaFleche, G., Venne, J.R., Disterhoft, J.F. & McGlinchey, R. (2008). Delay discrimination and reversal eyeblink classical conditioning in abstinent chronic alcoholics. *Neuropsychology*. 22(2): 196-208.
2. McGlinchey, R.E., Capozzi, S., **Fortier, C.B.**, & Disterhoft, J.F. (2008). Procedural memory system supports single cue trace eyeblink conditioning in medial temporal lobe amnesia. *Neuropsychology* 22(2): 278-82.
3. McGlinchey, R.E., **Fortier, C.B.**, Capozzi, S.M., & Disterhoft, J.F. (2005). Trace eyeblink conditioning in abstinent alcoholics: Effects of complex task demands and prior conditioning. *Neuropsychology*, 19(2), 159-170.
4. **Fortier, C.B.**, Disterhoft, J.F., Capozzi, S., Kilduff, P., Cronin-Golomb, A. & McGlinchey, R. (2003). Conditional discrimination learning in patients with bilateral medial temporal lobe amnesia. *Behavioral Neuroscience*, 117(6), 1181-1195.
5. McGlinchey-Berroth, R., **Fortier, C.B.**, Cermak, L.S., & Disterhoft, J.F. (2002). Temporal discrimination learning in abstinent chronic alcoholics. *Alcoholism: Clinical and Experiment Research*, 26(6), 804-811.
6. Carrillo, M.C., Gabrieli, J.D.E., Hopkins, R.O., McGlinchey-Berroth, R., **Fortier, C.B.**, Kesner, R.P. & Disterhoft, J.F. (2001). Spared discrimination and impaired reversal eyeblink conditioning in patients with temporal lobe amnesia. *Behavioral Neuroscience*, 115(6), 1171-1179.
7. **Fortier, C.B.**, McGlinchey-Berroth, R., and Disterhoft, J.F. (2000). Cerebellar cortical degeneration disrupts discrimination learning but not delay or trace classical eyeblink conditioning. *Neuropsychology*, 14(4), 537-550.
8. Myers, C. E., McGlinchey-Berroth, R., Warren, S., Monti, L., **Brawn, C.M.**, and Gluck, M.A. (2000). Latent learning in medial temporal amnesia: Evidence for disrupted representational but preserved attentional processes. *Neuropsychology*, 14(1), 3-15.
9. McGlinchey-Berroth, R., **Brawn, C.M.**, and Disterhoft, J.F. (1999). Temporal discrimination learning in severe amnesics reveals an alteration in the timing of eyeblink conditioned responses.

Behavioral Neuroscience, 113(1), 10-18.

10. McGlinchey-Berroth, R., Carrillo, M.C., Gabrieli, J.D.E., **Brawn, C.M.**, and Disterhoft, J.F. (1997). Impaired trace eyeblink conditioning in medial temporal amnesia. *Behavioral Neuroscience*, 111(5), 1-10.

Book Chapters:

1. **Fortier, C.B.** & Freedman, M. (In press) Depression and reversible dementias. In K. Zakzanis, E. Kaplan, & M. Freedman Eds., *Differential Neuropsychological Assessment of Progressive Disorders: A Process Approach*. New York: Oxford University Press.
2. Disterhoft, J.F., Carrillo, M.C., **Fortier, C.B.**, Gabrieli, J.D.E., Knuttnen, M-G., McGlinchey-Berroth, R., Preston, A., and Weiss, C. (2002). Impact of temporal lobe amnesia, aging and awareness on human eyeblink conditioning. In L. Squire and D. Schacter (Eds.), *Neuropsychology of Memory*, Third Edition, Guilford Publications, Inc., New York, NY.

Abstracts & Presentations:

1. McGlinchey-Berroth, R., **Fortier, C.B.**, Venne, J.R., Steffen, E., & Disterhoft, J.F. (2007). Silent trace eliminates differential eyeblink learning in abstinent alcoholics. Program No. 525.24. Presented at the Society for Neuroscience Annual Meeting, San Diego, CA, November 2007. Online.
2. Steffen, E., Capozzi, S., **Fortier, C.**, Lafleche, G., Disterhoft, J.F. & McGlinchey, R. (Published Online by Cambridge University Press: 08 March 2007), The Role of Awareness in a Delay Eyeblink Discrimination Task. *Journal of the International Neuropsychological Society, Volume 13, Supplement S1*. DOI: 10.1017/S1355617707079969. Presented at the International Neuropsychological Society Annual Meeting, Portland, OR, February 2007.
3. **Fortier, C.B.**, Steffen, E.M., LaFleche, G., Capozzi, S., Disterhoft, J.F., & McGlinchey-Berroth, R. (Published Online by Cambridge University Press: 19 May 2006). Discrimination and Reversal Associative Learning in Abstinent Chronic Alcoholics. *Journal of the International Neuropsychological Society, Volume 12, Supplement S1*. DOI: 10.1017/S1355617706069918. Presented at the International Neuropsychological Society Annual Meeting, Boston, MA, February 2006.
4. **Fortier, C.B.**, Capozzi, S., Disterhoft, J.F., & McGlinchey-Berroth, R. (2005). Delay and trace discrimination reversal learning in abstinent chronic alcoholics. Program No. 192.17. Abstract Viewer and Itinerary Planner. Presented at the Society for Neuroscience Annual Meeting, Washington D.C., November 2005. Online.
5. Winzer, J., Honn, V., **Fortier, C.**, Kregel, M., & White, R. The impact of deep brain stimulation surgery on neuropsychological performance in Parkinson's disease. Presented at the National Academy of Neuropsychology Meeting, Seattle, WA, November 2004.
3. **Fortier, C.B.**, Disterhoft, J.F., Capozzi, S., Kilduff, P., Cronin-Golomb, A. & McGlinchey-Berroth, R. (2003). Conditional Discrimination Learning in Bilateral Medial Temporal Lobe Amnesic Patients. Program No. 832.4. *Abstract Viewer and Itinerary Planner*. Washington, DC: Society for Neuroscience, 2003. CD-ROM. Presented at the Society for Neuroscience Annual Meeting, New Orleans, LA, November 2003.

4. Capozzi, S., **Fortier, C.B.**, McGlinchey-Berroth, R., and Disterhoft, J.F. (2003). Trace eyeblink conditioning in patients with patients with bilateral medial temporal lobe amnesic. Program No. 832.13. *Abstract Viewer and Itinerary Planner*. Washington, DC: Society for Neuroscience, 2003. CD-ROM. Presented at the Society for Neuroscience Annual Meeting, New Orleans, LA, November 2003.
5. **Fortier, C.B.**, Disterhoft, J.F , Capozzi, S., & McGlinchey-Berroth, R. (2003). Conditional Discrimination Learning in Bilateral Medial Temporal Lobe Amnesic Patients. *Journal of the International Neuropsychological Society*, 9(2), 249. Presented at the International Neuropsychological Society Annual Meeting, Honolulu, HI, February 2003.
6. Capozzi, S., **Fortier, C.B.**, McGlinchey-Berroth, R., and Disterhoft, J.F. (2002). Delay and trace eyeblink conditioning in patients with frontal lesions. Program No. 872.18. *Abstract Viewer and Itinerary Planner*. Washington, DC: Society for Neuroscience, 2002. CD-ROM. Presented at the Society for Neuroscience Annual Meeting, Orlando, FLA, November 2002.
7. **Fortier, C.B.**, McGlinchey-Berroth, R., Tangel, L., and Disterhoft, J.F. (2002). The role of prefrontal cortex in associative learning. *Journal of the International Neuropsychological Society*, 8, 237. Presented at the International Neuropsychological Society Annual Meeting, Toronto, February 2002.
8. **Fortier, C.B.**, McGlinchey-Berroth, R., and Disterhoft, J.F. (2000). Temporal discrimination learning in recovered alcoholics reveals an impairment in acquisition and an alteration in the timing of eyeblink conditioned responses. *Society for Neuroscience Abstracts*, 26, 264.18. Presented at the Society for Neuroscience Annual Meeting, New Orleans, LA, November 2000.
9. McGlinchey-Berroth, R., **Fortier, C.B.**, Tangel, L., and Disterhoft, J.F. (2000). Trace eyeblink conditioning in naive and trained recovered alcoholics. *Society for Neuroscience Abstracts*, 26, 264.17. Presented at the Society for Neuroscience Annual Meeting, New Orleans, LA, November 2000.
10. **Fortier, C.B.**, McGlinchey-Berroth, R., and Disterhoft, J.F. (2000). Temporal discrimination learning in recovered alcoholics reveals an impairment in acquisition and an alteration in the timing of eyeblink conditioned responses. Presented at the Cognitive Neuroscience Research Forum Poster Session, Boston VA Medical Center, Boston, MA, September 2000.
11. **Fortier, C.B.**, McGlinchey-Berroth, R., and Disterhoft, J.F. (2000). Temporal discrimination learning in recovered alcoholics reveals an impairment in acquisition and an alteration in the timing of eyeblink conditioned responses. Massachusetts Neuropsychological Society Science Symposium, Boston, MA, June 2000.
12. **Brawn, C.M.**, McGlinchey-Berroth, R., Cermak, L.S., and Disterhoft, J.F. (1999). Cerebellar cortical degeneration disrupts discrimination learning but not delay or trace classical eyeblink conditioning. Presented at the Cognitive Neuroscience Research Forum Poster Session, Boston VA Medical Center, Boston, MA, September 1999.
13. **Brawn, C.M.**, McGlinchey-Berroth, R., Cermak, L.S., and Disterhoft, J.F. (1999). Cerebellar cortical degeneration disrupts discrimination learning but not delay or trace classical eyeblink conditioning. Presented at the Massachusetts Neuropsychological Society Science Symposium, Boston, MA, June

1999.

14. McGlinchey-Berroth, R., **Brawn, C.M.**, and Disterhoft, J.F. (1998). Temporal discrimination learning in severe amnesics reveals an alteration in the timing of eyeblink conditioned responses. *Society for Neuroscience Abstracts*, 24, 164. Presented at the Society for Neuroscience Annual Meeting, Los Angeles, CA, November 1998.
15. **Brawn, C.M.**, McGlinchey-Berroth, R., Cermak, L.S., and Disterhoft, J.F. (1998). Cerebellar cortical degeneration disrupts discrimination learning but not delay or trace classical eyeblink conditioning. *Society for Neuroscience Abstracts*, 24, 164. Presented at the Society for Neuroscience Annual Meeting, Los Angeles, CA, November 1998.
16. **Brawn, C.M.**, McGlinchey-Berroth, R., Gabrieli, J.D.E., L.S. Cermak, Carillo, M.C., and Disterhoft, J.F. (1997). Temporal modulation of eyeblink conditioned responses in amnesia. Presented at the Cognitive Neuroscience Research Forum Poster Session, Boston VA Medical Center, Boston, MA, September 1997.
17. **Brawn, C.M.**, McGlinchey-Berroth, R., Gabrieli, J.D.E., L.S. Cermak, Carillo, M.C., and Disterhoft, J.F. (1997). Temporal modulation of eyeblink conditioned responses in amnesia. Presented at the Massachusetts Neuropsychological Society Science Symposium, Boston, MA, June 1997.
18. Mills, V., Kixmiller, J.S., Gillespie, A., Flynn, E., Allard, J., and Bowman, A., and **Brawn, C.M.** (1997). The correspondence between the Rivermead Behavioural Memory Test and ecological prospective memory. *Brain and Cognition*, 35. Presented at the Memory Disorders: Advances in Science and Clinical Practice Conference at the Rotman Research Institute, Toronto, Canada, March 1997.
19. Kixmiller, J.S., Mills, V., Gillespie, A., **Brawn, C.M.**, Flynn, E., Allard, J., and Bowman, A. (1997). Cerebellar contribution to executive-function: A case study. *Brain and Cognition*, 35, 318-321. Presented at the Memory Disorders: Advances in Science and Clinical Practice Conference at the Rotman Research Institute, Toronto, Canada, March 1997.
20. **Brawn, C.M.**, McGlinchey-Berroth, Carillo, M.C., R., Gabrieli, J.D.E., L.S. Cermak, and Disterhoft, J.F. (1997). Trace eyeblink conditioning in alcoholic Korsakoff's amnesia and non-amnesic recovered alcoholics. Presented at the Harvard Medical School Consolidated Department of Psychiatry Research Day, Boston, MA, March 1997.
21. Myers, C., McGlinchey-Berroth, R., **Brawn C.M.**, and M. Gluck. (1997). Preserved conditional spatial discrimination, but disrupted learned irrelevance in medial temporal amnesia. Presented at the Cognitive Neuroscience Society Annual Meeting, Boston, MA, March 1997.
22. McGlinchey-Berroth, R., Carillo, M.C., **Brawn, C.M.**, Gabrieli, J.D.E., Cermak, L.S., and Disterhoft, J.F. (1996). Impaired trace eyeblink conditioning in medial temporal amnesia. *Society for Neuroscience Abstracts*, 22, 280. Presented at the Society for Neuroscience Annual Meeting, Washington, D.C., November 1996.
23. **Brawn, C.M.**, McGlinchey-Berroth, R., Carillo, M.C., Gabrieli, J.D.E., Gershberg, F.B., Cermak, L.S., and Disterhoft, J.F. (1996). Impaired trace eyeblink conditioning in alcoholic Korsakoff's amnesia. *Society for Neuroscience Abstracts*, 22, 1866. Presented at the Society for Neuroscience

Annual Meeting, Washington, D.C., November 1996.

24. **Brawn, C.M.**, Carillo, M.C., McGlinchey-Berroth, R., Gabrieli, J.D.E., and Disterhoft, J.F. (1996). Impaired trace eyeblink conditioning in bilateral medial temporal amnesia and alcoholic Korsakoff's amnesia. Presented at the Massachusetts Neuropsychological Society Science Symposium, Boston, MA, June 1996.
25. **Brawn, C.M.**, Carillo, M.C., McGlinchey-Berroth, R., Gabrieli, J.D.E., and Disterhoft, J.F. (1996). Trace eyeblink conditioning in amnesics. Presented at the Harvard Medical School Consolidated Department of Psychiatry Research Day, Boston, MA, March 1996.
26. **Brawn, C.M.** (1996). Neuropsychology of memory disorders. Presented at the Bowdoin College Neuroscience Meeting, Alumni Guest Speaker, Brunswick, ME, February 1996.
27. **Brawn, C.M.**, Kao, J., Sullivan, J.P., and Richardson, G.S. (1995). Predictors of daytime sleepiness in young, adult men. *Sleep Research*, 24. Presented at the APSS Annual Meeting, Nashville, TN, June 1995.
28. **Brawn, C.M.** (1994). The physiological and neuropsychological effects of phototherapy for seasonal affective disorder. Presented at the Maine Medical Symposium, Lewiston, ME, May 1994.

AREAS OF PRINCIPAL RESEARCH INTERESTS

Effect of Alcohol on Cognition: Investigation of the effects of cerebellar atrophy due to chronic alcoholism on learning using the technique of Pavlovian eyeblink classical conditioning.

Environmental Health & Neurotoxicology: Investigation of the effects of neurotoxicants in the work, home, and natural environment on the nervous system through the use of neuropsychological evaluations and functional neuroimaging to delineate the effects of various neurotoxicants on cognition.

Cardiovascular Risk and Cognitive Status: Investigation of cardiovascular risk factors and their effect on cognition prior to the development of frank cerebrovascular disease.

PROFESSIONAL REFERENCES

Regina McGlinchey-Berroth, Ph.D.
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Maxine Kregel, Ph.D.
Staff Neuropsychologist
Neuropsychology Service &
Boston Environmental Hazards Center

Alice Cronin-Golomb, Ph.D.
Associate Professor, Psychology
Department of Clinical Psychology
Boston University

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