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ACADEMIC EMPLOYMENT

2010-now Harvard University, Department of Psychology
Post-Doctoral Fellow
Advisor: Daniel L. Schacter

EDUCATION

PhD 2010 Duke University, Department of Psychology and Neuroscience
Certificate in Cognitive Neuroscience
Advisors: David C. Rubin & Roberto Cabeza
Functional Neuroimaging of Autobiographical Memory

HBS 2003 University of Toronto, Department of Psychology
Psychology Research Specialist, English Minor
With Distinction
Honors Thesis Advisor: Brian Levine
Aging & Emotion in Autobiographical Memory

FUNDING

2010 Ruth L. Kirschstein National Research Service Award (NRSA), US \$41,500
L'Oreal Fellowship for Women in Science, US \$60,000
2009 Myra and William Waldo Boone Fellowship, Duke University, US \$54,000
Katherine Goodman Stern Fellowship, Duke University, US \$54,000 (declined)
2008 Phillip Jackson Baugh Fellowship, Duke University, US \$52,406
2007 Leadership in Aging Society Award, Duke University, US \$3500
2006-09 Vertical Integration Fellowship, Duke University, US \$1800-3600
2006 NSERC Post Graduate Scholarship, CAD \$63,000 (declined)
2004 Ontario Graduate Scholar, CAD \$15,000 (declined)
2002-03 NSERC Summer Award, University of Toronto, CAD \$9000

RESEARCH INTERESTS

My research investigates the cognitive and neural mechanisms supporting memory for autobiographical experiences, and how memory for the personal past changes due to age, emotion and the context of retrieval.

PUBLICATIONS

- In Review Schryer E, Ross M, St. Jacques PL, Levine B, Fernandes M. Age differences in the emotional language of autobiographical recall.
- In Press St. Jacques PL. Functional neuroimaging of autobiographical memory. In D Bernstein & DC Rubin (Eds), *Understanding autobiographical memory: Theories and approaches*.
 St. Jacques PL, Cabeza R. Neural correlates of autobiographical memory. In S Ghetti & PJ Bauer (Eds.), *Origins and development of recollection*. Oxford UP.
 St. Jacques PL, Conway M, Cabeza R. Gender differences in autobiographical memory for everyday events: Retrieval elicited by SenseCam Images vs. Verbal Cues. *Memory*.
 St. Jacques PL, Kragel PA, Rubin DC. Dynamic neural networks supporting memory retrieval. *Neuroimage*.
 St. Jacques PL, Rubin DC, Cabeza R. Age-related effects on the neural correlates of autobiographical memory retrieval. *Neurobiology of Aging*.
 St. Jacques PL, Winecoff A, Cabeza R. Emotion and aging. In P Vuilleumier & J Armony, *Handbook of Human Affective Neuroscience*.
- 2011 Janssen SMJ, St. Jacques PL, Rubin DC. The temporal distribution of autobiographical memory: Changes in reliving and vividness over the life span do not explain the reminiscence bump. *Memory & Cognition*, 39 (1), 1-11.
 St. Jacques PL, Botzung A, Miles A, Rubin DC. Functional neuroimaging of autobiographical memory in post-traumatic stress disorder. *Journal of Psychiatric Research*, 45, 630-637.
 St. Jacques PL, Conway MA, Lowder M, Cabeza R. Watching my mind unfold vs. yours: An fMRI study using a novel camera technology to examine the neural correlates of self projection of self vs. other. *Journal of Cognitive Neuroscience*, 23, 1275-1284.
- 2010 St. Jacques P, Conway M, Lowder M and Cabeza R. Watching My Mind Unfold vs. Yours: An fMRI Study Using a Novel Camera Technology to Examine Neural Differences in Temporal vs. Mental Self-Projection. *Frontiers in Human Neuroscience. Conference Abstract: The 20th Annual Rotman Research Institute Conference, The frontal lobes*. doi: 10.3389/conf.fnins.2010.14.00087
 St. Jacques P, Dolcos F, Cabeza R. Effects of aging on functional connectivity of the amygdala during negative emotional evaluation: A network analysis of fMRI data. *Neurobiology of Aging*.
- 2009 St. Jacques PL, Bessette-Symons B, Cabeza R. Functional Neuroimaging Studies of Aging and Emotion: Fronto-Amygdalar Differences during Emotional Perception and Episodic Memory. *Journal of the International Neuropsychological Society*, 15, 819-825.
 St. Jacques PL, Dolcos F, Cabeza R. Effects of aging on functional connectivity of the amygdala during subsequent memory for negative pictures: A network analysis of fMRI data. *Psychological Science*, 20(1), 74-84.
- 2008 St. Jacques PL, Rubin DC, LaBar K, Cabeza R. The short and long of it: Neural correlates of temporal-order memory for autobiographical events. *Journal of Cognitive Neuroscience*, 20(7), 1327-1341.

PUBLICATIONS CONT.

- 2007 Cabeza R, St. Jacques, P. Functional neuroimaging of autobiographical memory
Trends in Cognitive Science. 11, 219-227.
- Chow TW, Takeshita S, Honjo K, Pataky CE, St. Jacques PL, Kusano ML, Caldwell CB, Ramirez J, Black S, Verhoeff NPLG. Comparison of manual and semi-automated delineation of regions of interest for radioligand PET imaging analysis. *BMC Nuclear Medicine*, 7(2), 1-11.
- St. Jacques PL, Levine B. Ageing and autobiographical memory for emotional and neutral events. *Memory*, 15, 129-144.
- 2004 Chow TW, Verhoeff NPLG, Takeshita S, St. Jacques PL, Freedman M, Black S, Wilson A, Hussey D, Houle S, Meyer J. Depression in frontotemporal dementia is associated with decreased left temporal lobe 5HT1a receptor density. *Annals of Neurology*: 56(S8): S17.
- In Prep St. Jacques PL, Conway MA, Cabeza R. Two ways of accessing the personal past: An fMRI study examining the neural mechanisms of reliving during autobiographical memory retrieval.
- St. Jacques PL, Conway MA, Cabeza R. Age-related differences in the neural mechanisms of autobiographical memory elicited via personal photographs.
- St. Jacques PL, Lowder MW, Cabeza R. Temporal versus visuospatial source memory for autobiographical events.

PRESENTATIONS & INVITED TALKS

- 2011 St. Jacques PL, Conway MA, Lowder MW, Cabeza RC. (July). Two ways of accessing the personal past: An fMRI study examining the neural mechanisms of reliving during autobiographical memory retrieval. Paper to be presented at the International Conference on Memory, York University, York, England.
- 2009 St. Jacques PL. (October). Functional neuroimaging of Autobiographical Memory, Aging and Emotion. Invited talk at Harvard University.
- St. Jacques PL, Cabeza, R. (October). Reliving autobiographical memories for everyday events: An fMRI study using a novel SenseCam technology. Paper presented at the SenseCam Symposium, Chicago, IL.
- 2008 St. Jacques PL, Dolcos F, Cabeza R. (November). Effects of aging on functional connectivity of the amygdala for subsequent memory of negative pictures. Paper presented at the Gerontological Society of America Annual Meeting, National Harbor, MD.
- St. Jacques PL, Miles A, LaBar K, Cabeza R, Rubin DC. (November). How quickly they are recovered: Characterizing the time-course of neurocognitive activity during the retrieval of autobiographical memories. Paper presented at the annual Society for Neuroscience Conference, Washington, DC.
- St. Jacques PL, Cabeza R, Conway MA. (June). An fMRI study of SenseCam. Paper presented to the SenseCam Meeting Group, Microsoft Research Laboratory, Cambridge, England.
- 2007 St. Jacques PL. (December). Effects of aging on functional connectivity of the amygdala during emotional evaluation and subsequent memory: A network analysis of fMRI data. Paper presented at the Center for Cognitive Neuroscience Colloquium, Duke University, Durham, NC.
- St. Jacques PL. (April). Functional neuroimaging of autobiographical memory. Paper presented at the Department of Psychology and Neuroscience, Cognitive and Affective Social Neuroscience Colloquium, Duke University, Durham, NC.

CONFERENCE POSTERS

- 2011 St. Jacques PL, Kragel PA, Rubin DC. (June). Dynamic neural networks supporting autobiographical memory retrieval. Poster to be presented at the 17th Annual Meeting of the Organization on Human Brain Mapping, Quebec City, Canada.
- St. Jacques PL, Conway MA, Cabeza R. (April). Two Ways of accessing the personal past: An fMRI study examining the functional connectivity of the hippocampus during autobiographical memory retrieval. Poster presented at the 18th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- St. Jacques PL, Conway MA, Cabeza R. (February). Age-related effects on autobiographical memory retrieval: An fMRI study using a novel camera technology. Poster presented at the Dallas Aging Conference, Dallas, Texas.
- 2010 St. Jacques PL, Conway MA, Lowder MW, Cabeza, R. (April) Watching my mind unfold vs.yours: An fMRI study using a novel camera technology to examine neural differences in self-projection of self vs. other. Poster presented at the 17th Annual Meeting of the Cognitive Neuroscience Society, Montreal, Canada.
- St. Jacques PL, Conway MA, Lowder MW, Cabeza R. (March) Watching my mind unfold vs.yours: An fMRI study using a novel camera technology to examine neural differences in temporal vs. mental self-projection. Poster presented at the 20th Annual Rotman Research Institute Conference, Toronto, ON, Canada.
- 2009 St. Jacques PL, Lowder M, Rubin DC, Cabeza R. (October). Neural correlates of temporal-context vs. item memory for autobiographical events: An fMRI study using a novel photo paradigm. Poster to be presented at the Society for Neuroscience Conference, Chicago, IL.
- St. Jacques PL, Rubin DC, Cabeza R. (March). A reduction in sustained hippocampal activity underlies age-related deficits in the episodic richness of autobiographical memories. Poster presented at the Annual Rotman Research Institute Conference, Toronto, ON, Canada.
- St. Jacques PL, Rubin DC, Kragel P, Cabeza R. (March). Age-Related deficits in the episodic richness of autobiographical memories reflect a reduction in prefrontal-hippocampal interactions. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- 2008 St. Jacques PL, Miles A, LaBar K, Cabeza R, Rubin DC. (April). Spatiotemporal dynamics of autobiographical memory retrieval in aging. Poster presented at the Biennial Cognitive Aging Conference, Atlanta, GA.
- St. Jacques PL, Miles A, LaBar K, Cabeza R, Rubin DC. (February). Common and unique patterns of activation during the search and elaboration of autobiographical memories. Poster presented at the North Carolina Cognition Group, Raleigh, NC.
- Houghtling AS, St. Jacques PL, Rubin DC. (February). Emotion and autobiographical memory retrieval. Poster presented at the North Carolina Cognition Group, Raleigh, NC.
- 2007 St. Jacques PL. (July). Age-related differences in the episodic richness of emotional autobiographical events. Poster presented at the Annual Society for Applied Research in Memory and Cognition, Bates, ME.
- St. Jacques PL, Dolcos F, Cabeza R. (May). Effects of aging on functional connectivity of the amygdala during emotional evaluation: A network analysis of fMRI data. Poster presented at the Annual Cognitive Neuroscience Conference, New York, NY.
- 2006 St. Jacques PL, Rubin DCR, LaBar K, Cabeza R. (October). Neural correlates of temporal-context vs. item memory for autobiographical events: An fMRI study using a novel photo paradigm. Poster presented at the annual Society for Neuroscience Conference, Atlanta, GA.
- Pataky CE, St. Jacques PL, Davidson P, Grady C, Chow TW. (September). Alexithymia in dementia. Poster presented at the UCSF 5th International Conference on Frontotemporal Dementia, San Francisco, CA.
- St. Jacques PL, Dolcos F, Cabeza R. (April). Effects of aging on subsequent memory for emotional pictures: An event-related fMRI study. Poster presented at the Biennial Cognitive Aging Conference, Atlanta, GA.

CONFERENCE POSTERS CONT.

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- 2006 St. Jacques PL, Rubin DCR, LaBar K, Cabeza R. (October). Neural correlates of temporal-context vs. item memory for autobiographical events: An fMRI study using a novel photo paradigm. Poster presented at the annual Society for Neuroscience Conference, Atlanta, GA.
 Pataky CE, St. Jacques PL, Davidson P, Grady C, Chow TW. (September). Alexithymia in dementia. Poster presented at the UCSF 5th International Conference on Frontotemporal Dementia, San Francisco, CA.
 St. Jacques PL, Dolcos F, Cabeza R. (April). Effects of aging on subsequent memory for emotional pictures: An event-related fMRI study. Poster presented at the Biennial Cognitive Aging Conference, Atlanta, GA.
- 2005 St. Jacques PL, Rubin D, LaBar K, Cabeza R. (November). Neural correlates of temporal-order memory for autobiographical events: An fMRI study using a novel photo paradigm. Poster presented at the annual Society for Neuroscience Conference, Washington, DC.
 St. Jacques PL, Levine B. (2005, May). Age-Related Differences Persist in Autobiographical Memory Recall of Emotional Events. Poster presented at the Annual Convention of the American Psychological Society, Los Angeles, CA.
 St. Jacques PL, Chow TW, Grady CL, Davidson PSR, Pataky CE, Springer M. (2005, April). Recognition Memory for Emotional Stimuli in Frontotemporal Dementia. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, New York, NY.
- 2004 Chow TW, Verhoeff NPLG, Takeshita S, St. Jacques PL, Freedman M, Black S, Houle S, Meyer J. (August). Reduced serotonin 1a receptors in depressed frontotemporal lobar degeneration subjects. Poster presented at the Frontotemporal Dementia Satellite Meeting in conjunction with the International Conference on Alzheimer's Disease and Related Disorders, Philadelphia, PA.
 Thomas VS, St. Jacques PL, Chow TW. (August). Volumetric correlation of basal ganglia and physical disability in frontotemporal lobar degeneration. Poster presented at the Frontotemporal Dementia Satellite Meeting in conjunction with the International Conference on Alzheimer's Disease and Related Disorders, Philadelphia, PA.
- 2003 St. Jacques P, Levine B. (October). Age differences in autobiographical memory and emotion. Poster presented at the Kunin-Lunenfeld Applied Research Unit Annual Conference, Baycrest Centre for Geriatric Care, Toronto, ON.
 St. Jacques P, Levine B. (May). Autobiographical memory and emotion in young and old adults. Poster presented at the University of Toronto Department of Psychology, Psychology Research Specialist Program Poster Session, University of Toronto, Toronto, ON.
 Happaney K, Marwaha S, St. Jacques P. (April). Resistance to extinction in young children: A potential measure of the development of hot executive function. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Tampa, FL.

SERVICE

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- 2007 Cognitive/Neuroscience Lunchbox, Graduate Student Coordinator
 Psychology & Neuroscience Recruitment, Graduate Student Coordinator
- 2005-08 Campus Representative for Association for Psychological Science
- 2006-07 Coordinator of Autobiographical Memory Journal Club
- 2006-08 Departmental Representative for the Graduate & Professional Student Council

AD-HOC REVIEWING

Applied Cognitive Psychology, Cerebral Cortex, Developmental Neuropsychology, Hippocampus, Human Brain Mapping, Journal of Cognitive Neuroscience, Journal of Neuroscience, Neuroimage, Neuropsychologia

AWARDS

2009	Summer Institute for Cognitive Neuroscience Fellow, UCSB
2008	Preparing Future Faculty Fellow, Duke University IPAM: Mathematics of Brain Imaging Award, UCLA Center for Computational Biology (CCB) Fellow, UCLA Graduate School Conference Travel Award, Duke University, US \$500
2007	Advanced Neuroimaging Summer School Award, UCLA Graduate School Conference Travel Award, Duke University, US \$500
2006	Graduate School Conference Travel Award, Duke University, US \$500
2005	Association for Psychological Science Travel Assistance Award
2003	Millennium Fellows Program Award, Society for Research in Child Development
2002	Alumnae Panhellenic Association Scholarship, University of Toronto, CAD \$1000
2000	Innis College Anniversary Scholarship, University of Toronto, CAD \$500
1999	Innis College Alumni Book Award, University of Toronto

RESEARCH POSITIONS

2003-04	Rotman Research Institute, Tiffany Chow, <i>Serotonergic Function in Dementia using PET</i>
2003	University of Toronto, Morris Moscovitch, <i>Older Adults' Remember and Know Responses</i>
2002-03	Child Study Center, University of Toronto, Philip D. Zelazo, <i>Executive Function in Preschoolers</i>

TEACHING

Guest Lecturer

2011	Neurobiology of Learning & Memory, Duke University
2009	Vertical Integration Program, Duke University
2008	Biological Bases of Behavior, Elon University
2007	Research Methods in Psychology, Duke University
2006	Introduction to Cognitive Psychology, Duke University Human Memory, Duke University

Teaching Fellow

2007	Research Methods in Psychology, Duke University
2007-06	Introduction to Cognitive Psychology, Duke University
2006	Human Memory, Duke University Psychology and Creativity, Duke University

ADVISING

2009	Mary Tucker, Senior Thesis, Duke University
2008	Rima Sestokas, Senior Thesis, Duke University
2007	Andrea Houghtling, Senior Thesis, Duke University

PROFESSIONAL SOCIETY MEMBERSHIP

Association for Psychological Science, Cognitive Neuroscience Society, Gerontological Society of America, Organization for Human Brain Mapping, Society for Neuroscience, Society for Applied Research in Memory and Cognition

ACADEMIC REFERENCES

Roberto Cabeza, Professor, Duke University
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Brian Levine, Senior Scientist, Rotman Research Institute;
Assistant Professor, University of Toronto
levine@psych.utoronto.ca

Morris Moscovitch, Senior Scientist, Rotman Research Institute;
Professor of Psychology, University of Toronto
momos@psych.utoronto.ca

David C. Rubin, Juanita M. Kreps Professor, Duke University
david.rubin@duke.edu

Daniel L. Schacter, William R. Kenan Jr. Professor, Harvard University
dls@wjh.harvard.edu