A. BIOGRAPHICAL

1. PERSONAL

Eve De Rosa Mibs Martin Follett Professor in Human Ecology
Department of Psychology
Cornell University
Human Ecology Building, Rm 173
Ithaca, NY
14853
eve.derosa@cornell.edu

LEAVES

Maternity: September 2012 – April 2013
Maternity: August 2006 – March 2007
Sabbaticals: **2010 – 2011** - Visiting Scientist, Weizmann Institute, Israel; **Fall 2020**

RESEARCH OVERVIEW

I am a first-generation, African-American, female neuroscientist in the Psychology Department at Cornell University. I use a cross-species approach, with rats and humans, to examine how modulatory influences change brains and cognitive faculties across the lifespan. A recent focus has been on examining associations between neurocognitive function and autonomic health, as the neurochemical acetylcholine, in involved in both healthy cognitive and autonomic regulation, and diminishes with normal aging and precipitously in Alzheimer's disease (5R01AG066430). Our work has also been supported through the Canadian Institutes of Health Research (CIHR) and the Natural Sciences and Engineering Research Council of Canada (NSERC). Additionally, our lab represents Cornell University in the NIA-sponsored Recruitment Accelerator for Diversity in Aging Research, Cognitive Loss & Dementia (RADAR-CLD), to boost participation from underrepresented populations neuroscience research and to increase their representation in clinical trials for neurodegenerative diseases. For community outreach, our lab with the Community Neuroscience Initiative at Cornell has developed a Get to know Your Brain program, seeded by funds from Engaged Cornell, to have undergraduates teach neuroscience to elementary school children in an under-resourced school district in the city of Syracuse. Post-pandemic it has transformed into our BrainSTEM program, where we connect neuroscientists of color across the nation with preservice teachers of color, to make the neuroscience inspired lessons for K-12 students. We are also working on a sustained relationship with the Marine Biological Laboratory's Summer Program in Neuroscience, Excellence and Success (SPINES), which develops neuroscientists from backgrounds underrepresented in neuroscience to be leaders in the field. This demonstrates our passion for how scholarship needs diversity in both ideas and the people who wish to pursue them.

2. DEGREES

Ph.D. **2000** **Harvard University**, Department of Psychology, Cognition, Brain & Behavior
Supervisors: Drs. Michael E. Hasselmo and Mark G. Baxter
B.A. **1991** **Vassar College**, Departments of Biology-Psychology

3. POSITIONS AND EMPLOYMENT

Cornell University, Department of Psychology (Human Development), Associate Professor 2013-current
Dean of Faculty 2021-current
Dean's Fellow for Racial and Social Justice 2020-current
Director of Undergraduate Studies, Human Development 2017-2020
Rebecca Q. and James C. Morgan Sesquicentennial Fellow 2013-2018

University of Toronto, Department of Psychology
Associate Professor 2009-2013
Program in Neuroscience 2004-2013
Assistant Professor 2003-2009
Faculty in the School of Graduate Studies 2003-2014

Rotman Research Institute at Baycrest; Associate Scientist 2004-2013

Weizmann Institute of Science, Israel, Department of Neurobiology
Visiting scientist 2011

Stanford University School of Medicine, Department of Psychiatry
NIAAA Postdoctoral Fellow 2000 – 2003

Harvard University School of Medicine, Brigham and Women's Hospital
Biochemistry and Magnetic Resonance Spectroscopy of surgical metabolism 1991-1993
Research Assistant

4. HONOURS

Chancellor's Award for Excellence in Faculty Service, State University of New York 2019
Empire Innovation Award, State University of New York 2013
Donald T. Stuss Award for Research Excellence, Rotman Research Institute 2009
Dean's Excellence Award, University of Toronto 2009
MERIT Minority Training Research Award, National Institutes of Health (NIA) 2005
Connaught Award, University of Toronto 2004
D.G. Marquis Behavioral Neuroscience Award, American Psychological Association 2001
For best published paper in Behavioral Neuroscience in 2000.
George W. Goethals Award for excellence in teaching, Harvard University 1999
Mortimer and Theresa Sackler Fellowship, Programme in Psychobiology, Harvard University 1999
Graduate School of Arts and Sciences Prize Fellowship, Harvard University 1993-1999

5. PROFESSIONAL AFFLIATIONS AND ACTIVITIES

National Institute on Aging (NIA)
Member**,** Neuroscience Study Section 2017-2022

Neuromatch Conference
Member of Program Committee: Theme D – Cognition, motivation and emotion 09/2020

National Science Foundation (NSF), Cognitive Neuroscience Study Section
Member 2012 - 2014

Canadian Institutes of Health Research, Behavioural Science A Study Section
Member 06/2011 – 06/2012
Declined Membership while on sabbatical 07/2010
Invited Panelist 05/2008; 12/2008; conflict for 05/2009; 05/2010

National Institutes of Health (NIH)
Biobehavioral Regulation, Learning and Ethology (BRLE) Interdisciplinary Study Section
Invited Panelist 06/2004; 06/2005; 06/2006
BRLE Declined membership due to pre-tenured status 01/2007; 01/2008

National Science Foundation (NSF)
Collaborative Research in Computational Neuroscience (CRCNS) Interdisciplinary Study Section
Invited Panelist 03/2004; 02/2005; conflict for 2006 and 2007; 03/2008

PROFESSIONAL AFFLIATIONS AND ACTIVITIES Cont'd

***Ad hoc* Reviewer**
American Journal of Geriatric Psychiatry; Behavioural Brain Research; Behavioral Neuroscience Canadian Institutes of Health Research (CIHR); Cerebral Cortex; European Journal of Neuroscience; Frontiers in Human Neuroscience; Journal of Experimental Child Psychology; Journal of Neuroscience; National Science Foundation (NSF); Neuroimage; Neuroscience & Biobehavioral Reviews; Neuropsychologia; PLOS One; Perspectives on Psychological Science; Physiology & Behavior; Psychopharmacology; Psychonomic Bulletin & Review

Professional Membership
Association for Psychological Science; Canadian Society for Brain, Behaviour and Cognitive Science; Cognitive Neuroscience Society; Organization for Human Brain Mapping; Society for Neuroscience

ACADEMIC HISTORY
6.
A. RESEARCH AWARDS

SUBMITTED
National Institute on Aging R01
Title: Pupillary dynamics as a biomarker of locus coeruleus integrity and neurocognitive aging.
Co-PI: In revision

AWARDED

HopeLab
Title: Explorations of equitable access to Purpose through de-stressing techniques
Co-PI: 10/2022; Community Neuroscience Initiative

National Institute on Aging R01
5R01AG066430
Title: Basal forebrain connections to the heart and mind in healthy aging
Co-PI: 05/2020 – 02/2025

Engaged Cornell Undergraduate Research Grant, Cornell University
Title: Brainset for Achievement: Empowering Students with Brain Agency
Co-PI: 06/2018 – 05/2019

Federal Capacity Funds in New York, National Institute of Food and Agriculture
Title: Translation of Mind-Body Neuroscience to the Elderly Community
Co-PI: 10/2017- 09/2020

Institute for Social Sciences, Cornell University
Title: Influence of Body State on Cognition and Emotion in Shaping Environmental Interactions: Implications for Aging
PI: 11/2015

Empire Innovation Program, State University of New York
PI: 7/2013 – 6/2016

Natural Sciences and Engineering Research Council of Canada (NSERC), Research Tools and Infrastructure
Title: Custom crossmodal operant chambers for rodent in vivo electrophysiology and electrochemistry
PI: 04/2013 - 04/2014

RESEARCH AWARDS Cont'd

Natural Sciences and Engineering Research Council of Canada (NSERC), Discovery Award
Title: Contributions of the Cholinergic Basal Forebrain to Selective Attention and Learning: A Cross-species Approach
PI: 04/2011 - 04/2016

Canadian Institutes of Health Research (CIHR), Behavioural Sciences – A
Title: Normal Aging and the Cholinergic Hypothesis of Cognitive Impairment
PI: 10/2010-10/2015

Canadian Institutes of Health Research (CIHR), Behavioural Sciences – A
Title: Normal Aging and the Cholinergic Hypothesis of Cognitive Impairment
PI: 10/2006-10/2009

Natural Sciences and Engineering Research Council of Canada (NSERC), Discovery Award
Title: Contributions of the Cholinergic Basal Forebrain to Selective Attention and Learning
PI: 04/2005 - 04/2010

Connaught New Staff Matching Award, University of Toronto, Connaught Committee
PI: 07/2004 - 07/2006

RESEARCH AWARDS Cont'd

Canadian Foundation for Innovation / Ontario Innovation Trust, New Opportunities
PI: 08/2004 – 08/2007

Canadian Foundation for Innovation / Infrastructure Operating Funds, New Opportunities
PI: 03/2004 – 03/2009

Connaught Start-up Award, University of Toronto
05/2004

Minority Postdoctoral Fellowship, NIH; National Institute on Alcohol Abuse and Alcoholism 06/2000 – 06/2003

Graduate School of Arts and Sciences Prize Fellowship, Harvard University 09/1993 – 06/2000

Sackler Scholarship, Programme in Psychobiology, Harvard University 09/1999 – 06/2000

SCHOLARLY AND PROFESSIONAL WORK

***** denotes that I was the Training Supervisor

7. REFEREED PUBLICATIONS

A. ARTICLES

Cammarata, C.*, Zhou, N.*, Markello, R.D.* Riley, E.*, Anderson, A.K.* & **E. De Rosa**. (in revision) Taking twelve slow breaths enhances cardiovascular and cognitive plasticity.

Riley, E.*, Turker, H., Swallow, K., **De Rosa, E**. & Anderson, A.K. (in revision) Task evoked pupillary responses as a peripheral marker of central cognitive aging.

*Ransom, A., Anderson, A.K., **De Rosa, E.** & Bian, L. (submitted) Emotion Talk: Emotional Self-Disclosure Shapes Children's Social Choices

REFEREED PUBLICATIONS Cont'd

Cammarata, C.*, Wethington, E. & **De Rosa, E**. (submitted) Older adults' views on cognitive aging interventions

Hu, K.*, **De Rosa, E.** & Anderson, A.K. (submitted) Individual differences in motivation and mesolimbic response predict inattention to saving cues.

Sadeghi, S.*, Wittmann, M., **De Rosa, E.** & Anderson A.K. (In Press) Wrinkles in subsecond time perception are synchronized to the heart. *Psychophysiology*

Perry Fordson, H.*, Gardhouse, K., Cicero, N. Chikazoe, J, Anderson A.K. & **De Rosa, E.** (In Press) A Novel Deep Learning Based Emotion Recognition Approach To Well Being from Fingertip Blood Volume Pulse. *Proceedings of IEEE International Conference on Machine Learning and Cybernetics*

Perry Fordson, H.*, Xing, X., Guo, K., Xu, X., **De Rosa, E.** & Anderson, A.K. (In Press) Hyper Enhanced Learning System for Emotion Recognition. *Biomedical Signal Processing: Innovation and Application.*

Cammarata, C.* & **De Rosa, E**. (2022) Cholinergic Disruption at the Muscarinic Receptors Mimics the Effect of Natural Aging on Cognitive Flexibility. *Experimental Brain Research*, 240(11), 2989-2997. doi: 10.1007/s00221-022-06472-x.

Ransom, A.*, LaGrant, B.*, Spiteri, A., Kushnir, T., Anderson, A. K., & **De Rosa, E.** (2022). Face-to-face learning enhances the social transmission of information. *PLOS One*, *17*(2), e0264250.

Hu, K.*, **De Rosa, E**., & Anderson, A. K. (2020). Differential color tuning of the mesolimbic reward system. *Scientific Reports*, *10*(1), 1-12.

Li, X.*, Chiu, M., Swallow, K. M., **De Rosa, E**., & Anderson, A. K. (2020). Attention and cardiac phase boost judgments of trust. *Scientific reports*, *10*(1), 1-8.

Hu, K.*, **De Rosa, E.** & Anderson, A.K. (2019). Yellow is for safety: Perceptual and affective perspectives. *Psychological Research*, 84(7):1912-1919 doi: 10.1007/s00426-019-01186-2.

Li, X*, Swallow K, Chiu M, **De Rosa E**, Anderson AK. Does the body give the brain an attentional boost? Examining the relationship between attentional and cardiac gating (2018) Biol Psychol. 139(11): 124-130. doi: 10.1016/j.biopsycho.2018.10.008

Markello, R.D.*, Spreng, R.N. Luh W-L, Anderson A.K., & **De Rosa, E.** (2018) Segregation of the human basal forebrain using resting state functional MRI. *NeuroImage*, 173, 287-297. DOI: 10.1016/j.neuroimage.2018.02.042.

Ljubojevic, V.*, Luu, P.* Gill, P.*, Beckett, L-A.*, Takehara-Nishiuchi, K. & **De Rosa, E.** (2018). Cholinergic modulation of frontoparietal cortical network dynamics supporting supramodal attention. *Journal of Neuroscience*, 38, 3988-4005. DOI 10.1523/JNEUROSCI.2350-17.2018

Hu, K.*, **De Rosa, E.** & Anderson, A.K. (2018). The saving posteriority effect: Differential temporal salience of earnings and savings. *Nature Communications,* DOI: 10.1038/s41467-018-05201-9

Li., X.*, Swallow, K., Chiu, M., **De Rosa, E.** & Anderson, A.K. (2018) Does the body give the brain an attentional boost? Examining the relationship between attentional and cardiac gating. *Biological Psychology*, 139, 124-130.

De Rosa, E. (2017) Will analytics suppress a diversity of ideas in psychological science? *Perspectives on Psychological Science,* 12, 1138-1140.

REFEREED PUBLICATIONS Cont'd

Schmitz, T.W.*, Dixon, M.L.*, Anderson, A.K. & **De Rosa, E.** (2014) Distinguishing attentional gain and tuning in young and older adults. *Neurobiology of Aging*, 5, 2514-25

Ljubojevic, V.*, Luu, P.* & **De Rosa, E.** (2014) Cholinergic contributions to supramodal attentional processes. *Journal of Neuroscience*, 34, 2264-2275

Botly, LCP* & **De Rosa, E.** (2012) Using visual search to examine cholinergic contributions to feature binding in the rat *Cerebral Cortex,* 22, 2441-2453

Schmitz, T.W.*, Cheng, F.* & **De Rosa, E.** (2010) Failing to ignore: Paradoxical neural effects of perceptual load on early attentional selection in normal ageing. *Journal of Neuroscience,* 30, 14750-8

Dixon, M.L.*, Zelazo, P. David & **De Rosa E.** (2010) Evidence for Intact Memory-guided Attention in School-Aged Children. *Developmental Science*, 13, 161-69

Schmitz, T.W.*, **De Rosa, E.** & Anderson, A.K. (2009) Opposing influences of affective state valence on visual cortical encoding. *Journal of Neuroscience*, 29, 7199-207

Botly, L.C.P.* & **De Rosa, E.** (2009) Cholinergic deafferentation of the neocortex using 192 IgG-saporin impairs feature binding in rats. *Journal of Neuroscience*, 29, 4120-4130.
Recommended by the Faculty of 1000

Botly, L.C.P.* & **De Rosa, E.** (2009) The role of the nucleus basalis magnocellularis in feature binding in rats. *Physiology & Behavior*, 97, 313-20

Dixon, M.L.*, Ruppel, J.*, Pratt, J. & **De Rosa, E.** (2009) Learning to Ignore: Acquisition of Sustained Attentional Suppression. *Psychonomic Bulletin & Review,* 16, 418-423.

Botly, L.C.P.* & **De Rosa, E.** (2008) Acetylcholine, attention, and feature binding: A cross-species investigation. *Psychological Science*, 19, 1185-93

Caplan, J.B.*, McIntosh, A.R. & **De Rosa, E.** (2007) Two Distinct Neuromodulatory Functional Networks for Successful Resolution of Proactive Interference. *Cerebral Cortex*. 17, 1650-1663.

Botly, L.C.P. * & **De Rosa, E.** (2007) Cholinergic influences on feature binding. *Behavioral Neuroscience,* 121, 264-276.

Deshmukh, A., Rosenbloom, M.J., **De Rosa, E.**, Sullivan, E.V. & Pfefferbaum, A. (2005) Regional Striatal Abnormalities in Schizophrenia: Effects of comorbidity for alcoholism, recency of alcoholic drinking, and anti-psychotic medication type. *Schizophrenia Research*, 79, 189-200

Sullivan, E.V., Deshmukh, A., **De Rosa, E.**, Rosenbloom, M.J., & Pfefferbaum, A. (2005). Striatal and Forebrain Nuclei volumes: Contribution to motor function and working memory deficits in Alcoholism. *Biological Psychiatry*, 57, 768-776.

De Rosa, E., Desmond, J.E., Anderson, A.K., Pfefferbaum, A., & Sullivan, E.V. (2004). The human basal forebrain supports integration of new with old learning. *Neuron,* 41, 825-837.

De Rosa, E. & Sullivan, E.V. (2003) Enhanced release from proactive interference in nonamnesic alcoholics: Implications for impaired associative binding. *Neuropsychology*, 17, 469-481.

Anderson, A.K., Christoff, K., Panitz, D., **De Rosa E.**, Gabrieli J.D.E. (2003) Neural correlates of the automatic processing of threat facial signals. *Journal of Neuroscience*, 23, 5627-5633.

REFEREED PUBLICATIONS Cont'd

Desmond, J.E., Chen, A.S.H., **De Rosa, E.,** Pryor, M.R., Pfefferbaum, A., & Sullivan, E.V. (2003). Increased fronto-cerebellar activation in alcoholics during verbal working memory: An fMRI study. *Neuroimage,* 19, 1510-1520.

Sullivan, E.V., Harding, A.J., Pentney, R., Dlugos C., Martin. P.R., Parks, M.H., Desmond, J.E., Chen, S.H.A., Pryor, M.R., **De Rosa, E.**, & Pfefferbaum, A. (2003): Disruption of frontocerebellar circuitry and function in alcoholism. *Alcoholism: Clinical and Experimental Research*, (27), 301-309.

De Rosa, E., Hasselmo, M.E. & Baxter, M.G. (2001) Contribution of the cholinergic basal forebrain to proactive interference from stored odor memories during associative learning in rats. *Behavioral Neuroscience*, 115, 314-327.

De Rosa, E. & Hasselmo, M.E. (2000) Muscarinic cholinergic neuromodulation reduces proactive interference between stored odor memories during acquisition learning in rats. *Behavioral Neuroscience*, 114, 32-41.
Awarded the D.G. Marquis Behavioral Neuroscience Award, American Psychological Association

Mann, D.V., Robinson, M.K., Rounds, J.D., **DeRosa, E.**, Niles D.A., Ingwall J.S., Wilmore D.W., Jacobs D.O. (1997) Superiority of blood over saline resuscitation from hemorrhagic shock: a 31P magnetic resonance spectroscopy study. *Annals of Surgery*, 226, 653-61.

Mizobata Y., Rounds J.D., Prechek D., **DeRosa E.**, Wilmore D.W., Jacobs D.O. (1994) 31P magnetic resonance spectroscopy demonstrates expansion of the extracellular space in the skeletal muscle of starved rats. *Journal of Surgical Research*, 56, 491 - 499

Kobayashi T., Robinson M.K., Robinson V., **DeRosa E**., Wilmore D.W., Jacobs D.O. (1993) Glutathione depletion alters hepatocellular high-energy phosphate metabolism. *Journal of Surgical Research*, 54, 189-195.

7B. CHAPTERS

Botly, L.C. P.*, Baxter, M.G., & **De Rosa, E.** (2008) The Basal Forebrain and Memory. In *New Encyclopedia of Neuroscience.* (L.R. Squire, editor-in-chief). Elsevier.

De Rosa, E. & Baxter, M.G. (2002) The Basal Forebrain. In *Encyclopedia of Cognitive Science* (L. Nadel, editor-in-chief), vol.1, pp.322-28. London: Macmillan Reference Ltd.

8. PAPERS PRESENTED AT MEETINGS

Perry Fordson, H.*, Gardhouse, K., Cicero, N. Chikazoe, J, Anderson A.K. & **De Rosa, E.** (2022) A Novel Deep Learning Based Emotion Recognition Approach To Well Being from Fingertip Blood Volume Pulse. *Proceedings of IEEE International Conference on Machine Learning and Cybernetics* **(TALK)**

Riley, E., Cicero, N., Swallow, K., Anderson, A.K., & De Rosa, E. (2022) Pupillary responses are strongly correlated with locus coeruleus activity in middle aged adults. *Organization for Human Brain Mapping* (**POSTER**)

Brangman, S.A., Royal, K., Dillenbeck, C., McNamara, S., Smith, N., De Rosa, E., Anderson, A.K., Riley, E. R.* (2022) Community Research Liaison Role in Increasing Participation of African Americans in Cognitive Research: A Case Study. *Alzheimer's Association International Conference.* (**POSTER**)

PAPERS PRESENTED AT MEETINGS cont'd

Li, Z., Zhang, Z., Riley, E.R.*, Anderson, A.K., De Rosa, E. & Dai, W. (2022) Basal Forebrain and age-related changes in cerebral blood flow and arterial transit time using magnetic resonance imaging. . *International Society for Magnetic Resonance in Medicine* (**TALK**)

Li, Z., Zhang, Z., Duan, W., Riley, E.R., Anderson, A.K., De Rosa, E. & Dai, W. (2020) Age-associated changes in cerebral blood flow-related measures using arterial spin labeling. *International Society for Magnetic Resonance in Medicine* (**POSTER**)

Anderson, A.K., De Rosa, E. & Tosta, S. (2020) Precision-Tinted Spectral Filters Reduce TBI-Related Migraines and Visual Cortical Sensitivity. *North American Brain Injury Society* (**POSTER**)

Cammarata, C.* & **De Rosa, E.** (2019) Modulation of Cortical Population Activity in Resolving Proactive Interference. *Society for Neuroscience* (**POSTER**)

Riley, E.*, Steinberg, S., Chen L., Swallow, K.M., **De Rosa, E.** & Anderson, A.K. Measuring age-related changes in locus coeruleus intensity and its relationship to cognitive aging. *Society for Neuroscience* (**POSTER**)

Cammarata, C.*, Ratner, K., Burrow, A., Anderson, A.K. & **De Rosa, E.** (2019) Get to know your brain days: Agency through neuroscience learning. *Society for Neuroscience* (**POSTER**)

Cammarata, C.*, Markello, R.D.* & **De Rosa, E.** (2018) Lifespan changes to cognitive flexibility in rats. *Society for Neuroscience* (**POSTER**)

Li, X.*, Ljubojevic, V.*, Jones-Rounds, J. & **De Rosa, E.** (2017) Cholinergic implications in a cross-species investigation of cortical network dynamics in feature binding. *Society for Neuroscience* (**POSTER**)

Markello, R.D.*** De Rosa, E.,** DuPre, E., Spreng, R.N., Luh, W-M. & Anderson, A.K. (2016) Autonomic influences on resting state activity mediated by the basal forebrain. *Organization for Human Brain Mapping*. **(POSTER)**

Ljubojevic, V*., Luu, P*., Bennett, L-A*, Gill, P.R*., Takehara-Nishiuchi, K. & **De Rosa, E**. (2015) Neural correlates of anticipatory spatial attention using local field potential recordings with 5-choice serial reaction time task in rats. *Society for Neuroscience* **(NANOSYMPOSIUM)**

Hu, K.*, Anderson, A.K., Luh, W-M, **De Rosa, E.** (2015) Differential contributions of positive and negative reinforcement in temporal order visual processing. *Society for Neuroscience* **(POSTER)**

Hu*, K., Anderson, A.K., Luh, W-M & **De Rosa, E.** (2015) The role of different spatial frequency channels in reinforcement learning using multi-echo fMRI. *Organization for Human Brain Mapping*. **(POSTER)**

Ljubojevic, V*., Bennett, L-A*, Gill, P.R*., Luu, P*., Takehara-Nishiuchi, K. & **De Rosa, E.** (2014) Cholinergic modulation of frontoparietal activity during the orienting and disengagement of attention in rats. *Society for Neuroscience* (**POSTER**)

Ljubojevic, V*., Bennett, L-A*, Gill, P.R*., Luu, P*., Takehara-Nishiuchi, K. & **De Rosa, E** (2013) Cholinergic modulation of attention-driven oscillations during feature binding in rats, *Society for Neuroscience* **(POSTER)**

Ljubojevic, V*., Botly, LCP* & **De Rosa, E** (2012). Cholinergic contributions to learned attentional suppression in the rat with touchscreens, *Society for Neuroscience* **(NANOSYMPOSIUM)**

PAPERS PRESENTED AT MEETINGS cont'd

Schmitz, TW*, Pun, C, Anderson, A.K., **De Rosa, E.** & Ferber, S. (2012). Fulfilling perceptual expectations: Predictive coding dissociates feature-selective processing in the absence of visual stimuli, *Society for Neuroscience* **(NANOSYMPOSIUM)**

De Rosa, E., Dixon, M.L.*, Anderson, A.K. & Schmitz, T.W. * (2011) Age-related changes in top-down modulation of extrastriate cortical push-pull discriminatory signal. *Society for Neuroscience* **(NANOSYMPOSIUM)**

Schmitz, T.W. *, Dixon, M.L.*, Anderson, A.K. & **De Rosa, E.** (2011) Predictive coding and feature-based attention are dissociable cortical feedback signals for perceptual inference. *Society for Neuroscience* **(NANOSYMPOSIUM)**

Ljubojevic, V.*, Luu P.* & **De Rosa, E** (2011) Cholinergic modulation of cross-modal attentional orienting. *Society for Neuroscience* **(POSTER)**

Ljubojevic, V.*, Luu P.* & **De Rosa, E** (2010) Cholinergic modulation of both visual and olfactory attention with the five-choice serial reaction time test. *Society for Neuroscience* **(NANOSYMPOSIUM)**
Schmitz, T.W. *, Dixon, M.L.*, Anderson, A.K. & **De Rosa, E.** (2010) Manipulations of perceptual load reveal age-related differences in extrastriate push-pull discriminatory signal. *Society for Neuroscience* **(NANOSYMPOSIUM)**

Schmitz, T.W.*, Anderson, A.K. & **De Rosa, E**. (2010) Attention to affective stimuli abolishes age-related susceptibility to unattended information *Organization for Human Brain Mapping* **(POSTER)**

Dixon, M.L.*, Schmitz, T.W.* & **De Rosa, E**. (2009) Aging and Selective Attention: Modulating the Salience of Signal and Noise. *American Psychological Association* **(POSTER)**
Anne Anastasi Student Poster Award to M.L.D., *American Psychological Association*

Botly, L.C.P.* & **De Rosa, E.** (2009) Using visual search to examine cholinergic contributions to feature binding in the rat. *Society for Neuroscience* **(POSTER)**

Schmitz, T.W.*, Anderson, A.K. & **De Rosa, E**. (2009) The influence of physical and affective salience on visuocortical processing. *Society for Neuroscience* **(NANOSYMPOSIUM)**

Botly, L.C.P.* & **De Rosa, E.** (2008) Cholinergic deafferentation of the neocortex with 192 IgG-Saporin impairs feature binding in rats. *Society for Neuroscience* **(NANOSYMPOSIUM)**

Schmitz, T.W.*, **De Rosa, E**. & Anderson, A.K. (2008) Emotional states differentially modulate the scope of attentional 'spotlight' in younger and older adults. *Society for Neuroscience* **(NANOSYMPOSIUM)**

De Rosa, E., Schmitz, T.W.* & Cheng, F.* (2008) Neural Evidence of Unintentional Encoding of Irrelevant Information in Normal Aging. *Cognitive Aging Conference* **(POSTER)**

Botly, L.C.P.* & **De Rosa E**. (2008) Normal Aging and Feature Binding: Implications for Cholinergic Contributions. *Cognitive Neuroscience Society.* **(POSTER)**

Dixon, M. L.*, Lee, D. H., Zelazo, P. David & **De Rosa E.** (2008) Contextual Cueing in School-Aged Children using Target-Directed Action. *Cognitive Neuroscience Society.* **(POSTER)**

Schmitz, T.W.*, Dixon, M. L.*, **De Rosa, E**. & Anderson, A.K. (2008) Emotional states differentially bias extrastriate correlates of the attentional spotlight. *Cognitive Neuroscience Society.* **(POSTER)**

PAPERS PRESENTED AT MEETINGS cont'd

Balducci, X.L.*, Schmitz, T.W.*, Sproule, B.A., **De Rosa, E.**, Herrmann, N., Busto, U.E. (2008) Dysfunction of reward processing in alcohol dependence assessed by fMRI and dextroamphetamine. *College on Problems of Drug Dependence* **(TALK)**

Botly, L.C.P.* & **De Rosa E**. (2007) Acetylcholine, attention, and feature binding: a cross-species investigation. *Society for Neuroscience*. **(NANOSYMPOSIUM)**

Schmitz, T.W.,* Cheng, F.* & **De Rosa, E**. (2007) Neural evidence of unintentional encoding of irrelevant information in normal aging. *Society for Neuroscience*. **(NANOSYMPOSIUM)**

Dixon, M.L.*, Ruppel, J.*, Pratt, J., & **De Rosa, E**. (2007) Determining the Fate of Irrelevant Information using the Extradimensional shift. *Canadian Society for Brain, Behaviour and cognitive Science.* **(TALK)**

Cheng, F.*, Schmitz, T.W.*, Hasher, L., & **De Rosa, E**. (2007) Age-related changes in selective attention enhances memory for the irrelevant. *Cognitive Neuroscience Society.* **(POSTER)**

Schmitz, T.W.,* Adamo, M.*, & **De Rosa, E.** (2007) Distinct and overlapping frontal—subcortical networks facilitate changes in selective attention during learned inhibition. *Cognitive Neuroscience Society.* **(POSTER)**

Adamo, M*., Schmitz, T.W.*, Shaikh, K.*, & **De Rosa, E.** (2007) Effects of learned inhibition on cortical processing. *Cognitive Neuroscience Society.* **(POSTER)**

Botly, L.C.P.* & **De Rosa E**. (2006) Cholinergic influences on feature binding in rats. *Society for Neuroscience* **(POSTER)**

De Rosa, E. & Anderson, A.K. (2005) Neural correlates of learned irrelevance: An fMRI study. *Israel Society for Neuroscience.* **(NANOSYMPOSIUM)**

De Rosa, E. & Anderson, A.K. (2005) Neural correlates of learned irrelevance: An fMRI study. *Society for Neuroscience.* **(POSTER)**

Shaikh K*. & **De Rosa, E.** (2005) Learned Irrelevance: Selective Attention as an Inhibitory Process. *Cognitive Neuroscience Society.* **(POSTER)**

Caplan, J. B.*, McIntosh, A.R. & **De Rosa, E.** (2005) Basal-forebrain dependent versus independent networks for successful resolution of proactive interference. *Organization for Human Brain Mapping*. **(POSTER)**

Deshmukh, A. **De Rosa, E.** Serventi, K. Rosenbloom, MJ, Pfefferbaum, A. & Sullivan, EV (2005) Patterns of Subcortical Volume Deficits in Alzheimer's Disease and Korsakoff's Syndrome. *Biological Psychiatry*. **(POSTER)**

De Rosa, E., D. Murray, D., Spadoni, A., Pfefferbaum, A. & Sullivan, E.V. (2004) Age enhanced interference from past learning on the present. *Canadian Society for Brain, Behaviour and Cognitive Science.* **(TALK)**

Deshmukh, A. **De Rosa, E.** Rosenbloom, MJ, Pfefferbaum, A. & Sullivan, EV (2005) Medication but not Alcoholism Comorbidity Contributes to basal ganglia Volume Deficits in Schizophrenia. *Biological Psychiatry*. **(POSTER)**

PAPERS PRESENTED AT MEETINGS cont'd

PAPERS PRESENTED AT MEETINGS cont'd

De Rosa, E., D. Murray, D., Spadoni, A., Pfefferbaum, A. & Sullivan, E.V. (2003) Effects of normal and pathological aging on proactive interference using a nonverbal paired-associate paradigm. *Society for Neuroscience*. **(NANOSYMPOSIUM)**

De Rosa, E., Desmond, J.E., Pfefferbaum, A. & Sullivan, E.V. (2002). Basal forebrain nuclei associated with decreased proactive interference. *Society for Neuroscience*. **(NANOSYMPOSIUM)**

De Rosa, E., Desmond, J.E., Pfefferbaum, A. & Sullivan, E.V. (2002). Reduced activation of the basal forebrain system in nonamnesic alcoholics: An fMRI study of Proactive Interference. *Alcoholism: Clinical and Experimental Research*. **(POSTER)**

PAPERS PRESENTED AT MEETINGS cont'd

Chen, S.H.A., Desmond, J.E., Pryor, M.R., **De Rosa, E**., Pfefferbaum, A. & Sullivan, E.V. (2002) Frontocerebellar circuitry and verbal memory in alcoholism: An fMRI study. *Alcoholism: Clinical and Experimental Research*, 26 (5). **(POSTER)**

De Rosa, E., Desmond, J.E., Pfefferbaum, A, and Sullivan, E.V. (2001). Basal forebrain nuclei act to attenuate proactive interference during encoding: an fMRI study of healthy and detoxified nonamnesic individuals. *Cognitive Neuroscience Society.* **(POSTER)**

De Rosa, E., Huang, D.T., Pfefferbaum, A. & Sullivan, E.V. (2001) Proactive Interference in nonamnesic chronic alcoholics. *Society for Neuroscience*. **(POSTER)**

De Rosa, E., Hasselmo, M.E. & Baxter, M.G. (2000) Contribution of the cholinergic basal forebrain to proactive interference from stored odor memories during associative learning in rats: 192 IgG-saporin. *Society for Neuroscience*. **(POSTER)**

INVITED TALKS

The Brain and Healthy Aging 2023
Roche Science Week at the Bermuda College
Science Demos with Middle Schoolers, Masterclass with High Schoolers, Public Lecture

Power of the Liberal Arts 2022
Vassar College, Panelist

Basal Forebrain connections to the heart and mind in healthy aging 2022
Department of Psychology, Columbia University
Keynote Speaker: Undergraduate Research Conference, Georgetown University

Preparing the Next Generation of BIPOC STEM Leaders 2021
Hunt Institute, Race & Education Webinar

Examining the Yin and Yang of Attention 2019
International Irlen Conference, Manchester, England

Bringing the Brain, Positive Emotions, and Purpose to Education 2018
Urban Education Conference, Terra Education and Science

Age-related changes in autonomic influences on resting state activity with fMRI 2018
Aging, Inflammation, Metabolism and Stress Series rescheduled
Department of Molecular Biology & Genetics, Cornell University

INVITED TALKS Cont'd

Enhancing the Present and Suppressing the Past
Science Organization of Latinos, Cornell University 2017
Neuroscience Association for Undergraduate Students, University of Toronto 2011

When is now? Feelings and the perception of time. 2016
STATE Festival of Art and Science, Berlin, Germany

The neurochemical acetylcholine and cognitive efficacy
Psychology Colloquium, Cornell University 2015

Acetylcholine and Attention
Lake Ontario Visionary Establishment (L.O.V.E.) Conference 2014
Dept. of Anatomy and Cell Biology, University of Western Ontario 2012
Neurobiology and Behavior, Cornell University 2011

The Yin and Yang of Attention
Rotman Research Institute; Baycrest Hospital, Toronto 2012
Ebbinghaus Empire Talk Series; University of Toronto 2012
Department of Human Development, Cornell University 2012

Bound by Attention: A Cross-species look at Feature Binding
Neuroscience Colloquium, Guelph University 2010
Neuroscience Colloquium, Ottawa University 2010
Psychology Colloquium, Ryerson University 2009

Cholinergic contributions to Feature Binding
Cognitive Neuroscience, University of British Columbia 2007
Rotman Rounds, Rotman Research Institute at Baycrest 2007

Chronic Alcoholism as a Model for Cholinergic Dysfunction 2006
Clinical Neuropharmacology, Centre for Addiction and Mental Health

The Basal Forebrain and Mnemonic Interference: From Computational Modelling to Human Functional Networks 2005
Computational Neuroscientists of Upper Canada, Fields Institute, University of Toronto

Learning to Ignore 2005
Ebbinghaus Empire, Department of Psychology, University of Toronto

The Basal Forebrain Helps Integrate the Old and the New 2004
Rotman Rounds, Rotman Research Institute at Baycrest
Learning and Plasticity Series, Program in Neuroscience, University of Toronto

The Cholinergic Basal Forebrain: Suppressing the Past & Enhancing the Present 2003
Department of Psychology, University of Toronto
Department of Psychology and Program in Neuroscience, University of Oregon at Eugene
Department of Psychology and Program in Neuroscience, University of California at Santa Barbara
Cognitive Neuroscience, Stanford University

AWARDS: Graduate Mentees

Lia Chen, B.Sc. 2021
National Science Foundation, Graduate Research Fellowship

Celine Cammarata, Ph.D. 2021
Federation of Associations in Behavioral & Brain Sciences
Doctoral Dissertation Research Excellence Award

Vladimir Ljubojevic, Ph.D.
Natural Sciences and Engineering Research Council of Canada (NSERC, PGS-D) 2011-2014
Natural Sciences and Engineering Research Council of Canada (NSERC, CGS-M) 2010-2011

Taylor W. Schmitz, Ph.D.
Governor General of Canada Gold Medal for Academic Excellence 2013
Natural Sciences and Engineering Research Council of Canada (NSERC) 2009-2012
Vanier Canada Graduate Scholarships (CGS-D) Program
UTNP Society for Neuroscience (SFN) Student Travel Award 2008
Ontario Graduate Scholarship Program (OGS) 2007-2008

Leigh Botly, Ph.D.
Ontario Mental Health Fellowship Research Studentship 2009-2010
UTNP Society for Neuroscience (SFN) Student Travel Award 2008
Society for Neuroscience (SFN) Graduate Student Travel Award 2007
American Psychological Foundation (APF) COGDOP Graduate Research Scholarship. 2007
U of T, Psychology Conference Travel Grant 2007
Natural Sciences and Engineering Research Council of Canada (NSERC) 2006-2009
Canada Graduate Scholarships (PGS-D) Program
Natural Sciences and Engineering Research Council of Canada (NSERC) 2005-2006
Canada Graduate Scholarships (CGS-M) Program
Ontario Graduate Scholarship Program (OGS) 2004-2005

10

A. UNDERGRADUATE COURSES TAUGHT

HD3250 / PSY396 Neurochemical Basis of Human Behavior
This course focuses on the mechanisms and behavioral outcomes of the major classes of neurotransmitters and neuromodulators. It addresses how these neurochemicals affect the nervous system and subsequent behavior/mind processes.
100% responsibility for course design; reading assignments; lecture preparation; writing assignments; exam development.

HD4620 Research Seminar: Brain Activity and Behavior
This seminar focuses on neural and psychological mechanisms related to attention, learning, and memory for advanced undergraduates interested in brain-behaviour relationships.
100% responsibility for course design; reading assignments; writing assignments.

HD4980 Senior Honors Seminar
This year-long weekly seminar guides select undergraduates through the process of completing an honors thesis in Human Development. The course focuses on developing their writing abilities and how to present research findings in a manuscript, and receiving feedback on drafts of their thesis, as well as practice presenting the results of their thesis in poster and oral presentations.

PSY260 Introduction to Learning & Plasticity [before 2008-2009 Introduction to Learning]
This course focuses on the fundamentals of learning and memory. To gain insight into the dynamics of these processes, we will also consider the principles of brain plasticity, i.e., the capacity of the brain to change with learning. It surveys the general principles of learning and memory across human and nonhuman animals to examine how behavior is acquired, altered, and maintained as a result of experience.
100% responsibility for course design; reading assignments; lecture preparation; exam development.

B. **GRADUATE COURSES TAUGHT**

HD6250 Neurochemistry of Human Cognition
Thus far, the field of cognitive neuroscience has primarily focused on the neuroanatomy of cognition. In this course, we reviewed the basic functional anatomy and properties of neurotransmitter systems in order to also consider the neurochemistry of cognition.
100% responsibility for course design; reading assignments; writing assignments.

PSY4607 Human Neuroanatomy (Coordinator)
Lectures in human neuroanatomy and function, dissection of the human brain under the guidance of demonstrators at the School of Medicine.

INDEPENDENT RESEARCH (OTHER):

King Abdullah University of Science and Technology, Department of Biological Engineering,
Graduate Summer Research Internship, Manita Vivatsethachai Summer 2010

C. UNDERGRADUATE HONOR'S THESES SUPERVISED

College of Human Ecology, Human Development
Lia Chen 2018-2019
Brandon Lessing 2018-2019
Stephanie Steinberg 2018-2019

College of Agriculture and Life Sciences, Neurobiology
Connor McAllister 2018-2019

College of Human Ecology, Human Development
Anita Jegarl 2017-2018

College of Human Ecology, Human Development
Brian LaGrant 2016-2017
Zuckerman Award winner for Best Honors Thesis in Human Development

College of Human Ecology, Human Development
Anna Fernandez 2016-2017

College of Arts & Sciences, Neurobiology and Behavior
Rachel Armstrong 2016-2017

College of Human Ecology, Division of Nutritional Sciences
Anne Erickson 2015-2016

INDEPENDENT RESEARCH: OTHER

I have always had five+ students per semester participate in independent research credits every semester for both human and rodent research. At the University of Toronto, I would also formally mentor students from other Universities in Canada. I have had two student publications in the *Journal of Undergraduate Life Sciences,* published by University of Toronto Press. This published work is from their independent research projects. Only a small percentage of the submissions are accepted. The students go through the entire editorial process, e.g., responding to reviews, making the final edits on the proof, and they are very proud when they receive the hard copy journal with their article included.

Siu C.* & De Rosa, E. (2011) Attentional and learning mechanisms of suppressing behaviourally-irrelevant information in rats. *Journal of Undergraduate Life Sciences*

Tumer, S.*, Valencia, A.*, Xin, W*., Siu, C.*, Safar, T.* & De Rosa, E. (2012) The Role of Cortical Cholinergic Inputs in a Selective Attentional Suppression Task. *Journal of Undergraduate Life Sciences*

B. ADMINISTRATIVE POSITIONS

9.

A. Positions held and service on committees and organizations within the University

DEPARTMENTAL

Chair, Mentoring Committee for Dr. M. Gonzalez	2018-current
Director of Undergraduate Studies, Human Development	2017 - 2020
Chair, Graduate Admissions Committee	2018 - 2020
Member, Undergraduate Education Committee	2013 - 2020
Member, Executive Committee	2014 - 2020
Member, Open Rank Psychology Faculty Search	2019 - 2020
Interviewing 6 candidates	
Member, Departmental Space Review Committee	2019
Member, Open Rank Departmental Faculty Search for Sociology	2018-2019
Interviewed 3 candidates	
Member, Open Rank Departmental Faculty Search for Social Networks	2016-2018
Interviewed 3 candidates; hired 1	
Member, Graduate Admission Committee	2017-2018
Member, Mentoring Committee for Dr. N. Spreng	2014-2016
Member, Third Year Pre-tenure Review, Dr. J. Kim	2012
Member, Undergraduate Teaching Committee	2008–2012
	2003–2006
Member, Selection Committee for Cognition/Social Psychology Positions Tenure-Track Lecturer	
Interviewed 6 candidates; hired 2	2011-2012
Member, Advancement for Cross-Appointed Faculty, Dr D. Mabbott	2012
Member, Third Year Pre-tenure Review, Dr. K. Takehara	2011
Organizer Brain & Behaviour Talk Series	2009-2010
Member, Selection Committee for Behavioural Neuroscience Position	
Interview 3 candidates; hired 1	2009-2010
Interviewed 5 candidates; hired 1	2008–2009
Interviewed 3 candidates; hired 0	2007-2008
Member, Sessional Advancement for Dr. J. Vervaeke	2009-2010
Member, Magnetic Resonance Imaging Scanner Acquisition Committee	2004–2008
Member, Selection Committee for Personality/Abnormal & Developmental Position	2005–2006
Interviewed 8 candidates; hired 2	
Co-organizer Psychology Department Colloquia	2005–2006
Member, Sessional Advancement for Dr. N. Rector	2005–2006
Member, Executive Committee	2003–2005
Member, Selection Committee for Psychology Chair	2005

DEPARTMENTAL cont'd

Member, Selection Committee for Psychology Graduate Chair 2005
Member, Selection Committee for Director of the Centre for Biological Timing & Cognition
Interviewed 2 candidates; hired 0 2005-2006
Chair, Local Animal Care Committee for 1 Spadina Viviarium 2003–2004
Overseer for Federal Canadian Council on Animal Care (CCAC) Assessment of 1 Spadina vivarium 2003–2004
Co-organizer, First and Second Prospective Graduate Student Weekends 2004, 2005
Ad hoc Member, of the Centre for Biological Timing and Cognition for issues related infrastructure planning for animal and neuroimaging research 2004–2006

COLLEGE OF HUMAN ECOLOGY (CHE)
Dean's Fellow for Racial and Social Justice 2020-current
Co-Chair Promoting Justice and Equity Committee 2020-current
Member, CHE Strategic Visioning - Steering Committee 2020-2021
Member, CHE Education Policy Committee 2017-2020
Member, MRI User Advisory Committee 2019-current
Faculty Mentor, Human Ecology Peer Mentor Program 2014-current
Cornell Representative, SUNY Brain Network Excellence 2013-current
Chair, College Ad Hoc Promotion Committee 2015

UNIVERSITY
Member, Cornell-NIH FIRST Institutional Steering Committee 2022-currrent
Dean of Faculty, Cornell University 2021-current
Member, College of Human Ecology Dean Search 2019-2020
Member, Social Science Psychology Super Department Subcommittee 2019-2020
Faculty Mentor, Biology Scholars Program 2018
Chair, Dissertation Committee, School of Graduate Studies, U of T 2011
Department of Pharmaceutical Sciences
Co-Organizer, Toronto High School Brain Bee*,* Program of Neuroscience, U of T 2008-2010
2005-2006
Member, Advisory Committee of *Transitional Year Programme*, U of T 2005-2008
Judge, Conference Travel Scholarship, Program in Neuroscience, U of T 2008
Poster Judge, Program in Neuroscience, U of T 2004; 2005; 2007; 2008
Member, Selection Committee for Research Scientist for the *Centre for Addiction and Mental Health*
Interviewed 4 candidates; hired 1 2004–2005
Member, *University Animal Care Committee*, U of T 2003–2004
Mentor in The Status of Women Mentoring Program 2004–2005

Positions held and service on committees and organizations outside the University of scholarly and academic significance.
Member, for United States Federal Grant Review Study Section 2015 - 2022
National Institutes of Aging (NIA) – Neuroscience Review Committee, Washington, DC

Member, United States Federal Grant Review Panel 2012 - 2014
National Science Foundation (NSF) - Cognitive Neuroscience, Arlington, VA

Member for Canadian Federal Grant Review Study Section
Canadian Institutes of Health Research (CIHR): Behavioural Sciences A; Ottawa, ON 06/2011-06/2012
Declined Invitation for member status while on sabbatical 06/2010

Invited Panelist for Canadian Federal Grant Review Study Section
Canadian Institutes of Health Research (CIHR): Behavioural Sciences A; Ottawa, ON
05/2008; 12/2008; conflict for 05/2009; 05/2010

UNIVERSITY Cont'd

Chair**, Visual Attention Nanosymposium Slide Session,** ***Society For Neuroscience*** 11/2010

Invited Panelist for United States Federal Grant Review Interdisciplinary Study Sections
National Institutes of Health (NIH)

Biobehavioral Regulation, Learning and Ethology, Washington, DC 06/2004; 06/2005; 06/2006
Declined invitation for member status 01/2007; 01/2008

National Science Foundation (NSF)
Collaborative Research in Computational Neuroscience, Arlington, VA
03/2004; 02/2005; conflict for 2006 and 2007; 03/2008

B. HONOURS AWARDED TO UNDERGRADUATE ADVISEES

Undergraduate Mentees

Kelsey Killelea
Human Ecology Alumni Association Summer Research Fellowship Summer 2020

Connor McAllister
Ann S. and Robert R. Morley Student Research Fund Fall 2018

Lia Chen
Human Ecology Alumni Association Alan D. Mathios Research and Service Grant Fall 2018

Stephanie Steinberg
Human Ecology Alumni Association Alan D. Mathios Research and Service Grant Fall 2018

Brandon Lessing
Human Ecology Alumni Association Summer Research Fellowship Summer 2018

Rachel Armstrong
Merrill Presidential Scholar – Selected Mentor Spring 2017

Brain LaGrant
Zuckerman Award for Best Honour's Thesis in Human Development Spring 2017
Human Ecology Alumni Association Summer Research Fellowship Summer 2016

Anita Jegarl
Urie Bronfenbrenner Award for Outstanding Performance in Research in Human Development Spring 2018
Human Ecology Alumni Association Summer Research Fellowship Summer 2017

Anne Erickson
Human Ecology Alumni Association Summer Research Fellowship Summer 2015

Bingyan Shi
Tanner Dean's Scholar Summer Research Fellowship Summer 2015

Katherine Philips
Marjorie A. Corwin Undergraduate Summer Research Fellowship Summer 2014

Amrita Lamba
U of T Excellence Award in Natural Sciences and Engineering Summer 2013

Lev Tankelevitch
Natural Sciences and Engineering Research Council of Canada (NSERC-USRA) Summer 2012
Undergraduate Student Research Award (USRA)

Philip Wu
U of T Excellence Award in Natural Sciences and Engineering Summer 2012

Nassim Collishaw
Natural Sciences and Engineering Research Council of Canada (NSERC-USRA) Summer 2010

Undergraduate Awardees cont'd

Graham Chamberlain
Natural Sciences and Engineering Research Council of Canada (NSERC-USRA) Summer 2009
Robb Fatt
Natural Sciences and Engineering Research Council of Canada (NSERC-USRA) Summer 2008
Gennie Wang
Natural Sciences and Engineering Research Council of Canada (NSERC-USRA) Summer 2008
Paul Luu
U of T Excellence Award in Natural Sciences and Engineering Summer 2008
Frederick Cheng
U of T Excellence Award in Natural Sciences and Engineering Summer 2007
Natural Sciences and Engineering Research Council of Canada **(**NSERC-USRA) Summer 2006
Michael Maksimowski
George Mandler Research Fund Summer 2006
Bratislav Misic
Natural Sciences and Engineering Research Council of Canada **(**NSERC-USRA) Summer 2006
Sandra Sadry
Natural Sciences and Engineering Research Council of Canada **(**NSERC-USRA) Summer 2005

C. Student Committees

Dissertation Committee, Department of Human Development 2021-
Student: Lia Chen Supervisor: Dr. E. De Rosa
Dissertation Committee, Department of Human Development 2019-
Student: Saeedeh Sadeghi Supervisor: Dr. E. De Rosa
Dissertation Committee, Department of Human Development 2019-2022
Student: Ashley Ransom Supervisor: Dr. E. De Rosa
Dissertation Committee, Department of Human Development 2016-2021
Student: Xinyi Li Supervisor: Dr Adam Anderson
Dissertation Committee, Department of Human Development 2016-2020
Student: Celine Cammarata Supervisor: Dr. E. De Rosa
Dissertation Committee, Department of Human Development 2015-2017
Student: Elizabeth DuPre Supervisor: Dr Nathan Spreng
Dissertation Committee, Department of Human Development 2014-2016
Student: Sarah Moore Supervisor: Dr Richard Depue
Dissertation Committee, Department of Psychology 2009-2014
Student: Vladimir Ljubojevic Supervisor: Dr. E. De Rosa
Dissertation Committee, Department of Psychology 2007-2012
Student: Taylor Schmitz Supervisor: Dr. E. De Rosa
Dissertation Committee, Department of Biomedical Engineering 2011-13
Student: Sabine Weyland Supervisors: Drs. E. De Rosa and Dr. T Chau
Dissertation Committee Internal Examiner, Department of Psychology 2012
Student: Lily Riggs Supervisor: Dr. J. Ryan
Dissertation Committee Internal Examiner, Department of Psychology 2011
Student: Doug Garrett Supervisor: Dr. C. Grady
Dissertation Committee, Department of Psychology 2011-2013
Student: Amy Wilkinson Supervisor: Dr. M. Dennis
Master's Thesis Defense, Institute of Medical Science 2012
Student: Aaron Kucyi Supervisor: Dr. K. Davis
Master's Thesis Defense, Department of Psychology 2011
Student: Jessica Hughes Supervisor: Dr. E. De Rosa
Master's Thesis Defense, Department of Psychology 2011
Student: Mark Morrisey Supervisor: Dr. K. Takehara
Master's Thesis Defense, Department of Psychology 2011

Student Committees Cont'd

Student: Sabrina Nawaz Supervisor: Dr. J. Yeomans
Master's Thesis Defense, Department of Psychology 2011
Student: Yuqi Yu Supervisor: Dr. A. Anderson
Master's Thesis Defense Examiner, Department of Psychology 2011
Student: Davood Gozli Supervisor: Dr. J. Pratt
Master's Thesis Defense Examiner, Department of Psychology 2011
Student: Rachel Newsome Supervisor: Dr. M. Barense
Master's Thesis Defense External Examiner, Department of Physiology 2011
Student: Paul Luu Supervisor: Dr. M. Wojtowicz
Master's Thesis Defense, Department of Psychology 2010
Student: Vladimir Ljubojevic Supervisor: Dr. E. De Rosa
Master's Thesis Defense Internal Examiner, Department of Psychology 2010
Student: Kristin Wilson Supervisor: Dr. S. Ferber
Master's Thesis Defense Examiner, Department of Psychology 2010
Student: David Wasserman Supervisor: Dr. J. Yeomans
Dissertation Committee, Department of Psychology 2008-2012
Student: Taylor Schmitz Supervisor: Drs. E. De Rosa and A. Anderson
Dissertation Committee, Department of Psychology 2007-2012
Student: Katie Mak-Fan Supervisor: Dr. M. Taylor
Dissertation Committee, Department of Psychology 2007-2012
Student: Nevena Simic Supervisor: Dr. J. Rovet
Dissertation Committee, Department of Psychology 2005-2011
Student: Sarah Borkowski Wheeler Supervisor: Dr. J. Rovet
Dissertation Committee, Department of Psychology 2008-2011
Student: Norman Farb Supervisor: Dr. A. Anderson
Dissertation Committee, Department of Psychology 2006-2010
Student: Leigh Botly Supervisor: Dr. E. De Rosa
Dissertation Committee, Institute of Medical Science 2009-2010
Student: David Kideckel Supervisor: Dr. P. Sandor
Dissertation Committee, Department of Psychology 2007-2008
Student: Sarah Harrison Supervisor: Dr. J. Nobrega
Dissertation Committee, Department of Psychology 2007
Student: Karin Korth Supervisor: Dr. P. Fletcher
Member, Ph.D. Program Advisory Committee, Institute of Medical Science 2006-2007
Student: Adelaide Yiu Supervisor: Dr. S. Josselyn
Internal Reviewer, Ph.D. Transfer Examination, Institute of Medical Science 2007
Student: Dr. Michele Korostil Supervisor: Dr. A.R. McIntosh
Internal Examiner, Masters of Science in Pharmacology, U of T School of Medicine 2007
Student: Sarah Johnson Supervisor: Dr. T. Young
Dissertation Defense Committee, Department of Psychology 2007
Student: Andrea Protzner Supervisor: Dr. A. R. McIntosh
Dissertation Defense Committee, Department of Psychology 2006
Student: Sean Cain Supervisor: Dr. M. Ralph
Dissertation Defense Committee, Department of Psychology 2006
Student: Franca Placenza Supervisor: Drs. F. Vaccarino and S. Erb
Member, Ph.D. Transfer Committee, Department of Physiology, U of T School of Medicine 2006
Student: Hoi Ki Ding Supervisor: Dr. P. Frankland
Member Dissertation Defense Committee, Ph.D. from Institute of Medical Science 2005
Student: Lori-Ann Christie Supervisor: Dr. N.W. Milgram
External Reviewer, Masters of Science in Pharmacology, U of T School of Medicine 2006
Student: Mona Kessas Supervisor: Dr. J.N. Nobrega
External Reviewer, Masters of Science in Pharmacology, U of T School of Medicine 2005
Student: Joan Chan Supervisor: Dr. N.W. Milgram