CURRICULUM VITAE

A. BIBLIOGRAPHIC INFORMATION

1. PERSONAL

Adam K. Anderson, Phd
Department of Human Development
Human Neuroscience Institute
College of Human Ecology
Cornell University
G77 Martha Van Rensselaer Hall
Ithaca NY 14850

Email: anderson@cornell.edu

2. EDUCATION

2000 - 2003 **Post-Doctoral Fellow, Department of Psychology, Stanford University**
Specialization: Affective and Cognitive Neuroscience
Advisor: John D. E. Gabrieli

1995 - 2000 **Ph.D., Experimental Psychology, Yale University**
Specialization: Cognitive psychology and neuropsychology
Advisor: Elizabeth A. Phelps

1987 - 1991 **B.A., Cum Laude with special honors in concentration, Vassar College**
Concentration: Cognitive Science
Advisor: Janet Andrews

3. EMPLOYMENT

2013-present **Associate Professor**
Department of Human Development
Cornell University, NY, USA

2013-present **Member**
Human Neuroscience Institute
Cornell University, NY, USA

2013-present **Chief Scientific Officer**
Zenytime, Neuronytics LLC
San Francisco, CA

2011	**Visiting Scientist** Department of Neurobiology Weizmann Institute, Rehovot, Israel
2009 - 2013	**Associate Professor** Department of Psychology University of Toronto, St George, Toronto , Canada
2004 - 2013	**Research Associate** Rotman Research Institute, Baycrest Centre, Toronto, Canada
2003 - 2009	**Assistant Professor** Department of Psychology University of Toronto, St George, Toronto, Canada
1993 - 1995	**Research Assistant** **Center for Developmental Neuroscience,** **New York State Institute for Basic Research** Studies of infant intermodal perceptual development Laboratory of David Lewkowicz
1991 - 1993	**Research Assistant** **Harvard University, Department of Psychology** Studies of visual cognition Laboratory of Stephen M. Kosslyn

4. HONORS, AWARDS AND FELLOWSHIPS

- Marsico Visiting Scholar, University of Denver 2017
- Scientific delegate, STATE Festival of Art and Science, Berlin, Germany, 2016
- Fellow, Bronfenbrenner Center for Translational Research 2014
- Scientific delegate, World Economic Forum, Davos-Klosters, Switzerland, January 2013
- Research Fellow, Mind and Life Institute, 2010-
- Cognitive Neuroscience Society, Young Investigator Award, 2010
- American Psychological Association, Distinguished Scientific Contributions Early Career Award, Behavioral and Cognitive Neuroscience, 2009
- Selected as “Outstanding alumni” by Yale Graduate School of Arts and Sciences, 2009
- Ontario Ministry of Research and Innovation, Early Career Award, 2009
- Canada Research Chair in Cognitive and Affective Neuroscience, 2003-2012
- McDonnell-Pew Trust Research Fellowship, 2000
- National Research Service Award, NIH, 2000
- Dissertation Fellowship, Yale University, 1999
- Margaret Floy Washburn Fellowship, Vassar College, 1994
- Office of Mental Retardation and Developmental Disabilities Award, New York State 1994

5. PROFESSIONAL AFFILIATIONS AND ACTIVITIES

American Psychological Association
American Psychological Society
Cognitive Neuroscience Society
Society for Affective Sciences
Society for Personality and Social Psychology
Society for Neuroscience

Editorial activity

Guest editor, *Proceedings of the National Academy of Sciences*, 2016
Associate editor, *Emotion,* American Psychological Association, 2009-2013, 2017-present
Guest editor, Special section on Mindfulness training and emotion regulation. *Emotion,* American Psychological Association, 2010
Consulting editor, *Emotion,* American Psychological Association, 2005-2009
Consulting editor, *Social Cognitive and Affective Neuroscience,* Oxford journals, 2006-
Consulting editor, *Journal of Experimental Psychology: General,* American Psychological Association, 2006-2009
Consulting editor, *Psychological Science,* American Psychological Society, 2006-2009
Consulting editor, *Cognitive, Affective, & Behavioral Neuroscience,* Psychonomic Society, 2006-2014

Journal reviewer

Acta Psychologica, Archives of General Psychiatry, Behavioral Brain Research, Behavioral Brain Sciences, Behavioral Neuroscience, Biological Psychiatry, Brain, Cerebral cortex, Chemical Senses, Child Development, Cognition, Cognition and Emotion, Cognitive Affective and Behavioral Neuroscience, Cortex, Current Biology, Emotion, Emotion Review, Epilepsia, European Journal of Neuroscience, Human Brain Mapping, International Journal of Psychophysiology, Journal of Affective Disorders, Journal of Cognitive Neuroscience, Journal of Experimental Psychology: General, Journal of Experimental Psychology: Human Perception and Performance, Journal of Experimental, Psychology: Learning, Memory & Cognition, Journal of Neurology Neurosurgery & Psychiatry, Journal of Neuropsychology, Journal of Neuroscience, Journal of Personality and Social Psychology, Journal of Vision, Learning & Memory, Memory & Cognition, Nature Communications, Nature Neuroscience, Neuroimage, Neuropsychologia, Neuroscience, Neuroscience letters, PloS Biology, PLoS ONE, Proceedings of the National Academy of Sciences, Psychological Bulletin, Psychological Review, Psychological Science, Psychonomic Bulletin & Review, Psychopharmacology, Quarterly Journal of Biology, Quarterly Journal of Experimental Psychology, Science, Social Cognitive and Affective Neuroscience, Social Neuroscience, Social Psychological and Personality Science Trends in Cognitive Sciences, Visual Cognition, Vision Research

Grants, panels, and other review

Air Force Office of Scientific Research, Alberta Heritage Foundation for Medical Research, British Psychological Society, British Psychological Society's Doctoral Award Committee, Canada Foundation for Innovation (CFI), Canadian Institutes of Health Research (CIHR), Canada Research Chairs (CRC), Human Frontiers, Israeli Science Foundation (ISF), National Science Foundation (NSF), National Institutes of Mental Health (NIMH), National Cancer Institute (NIH), National Sciences and Engineering Council of Canada (NSERC), Organization for Human Brain Mapping, Research Advisory Council (Workplace Safety and Insurance Board), Social Sciences and Humanities Research Council (SSHRC), Wellcome Trust

B. ACADEMIC HISTORY

6. A. RESEARCH ENDEAVOURS

Examinations of the psychology and neuroscience of emotion and its influence on cognition and social communication. A major focus is developing a framework in which emotions are understood as various adaptations for the regulation of mind, brain and behavior.

B. RESEARCH AWARDS/GRANTS

[A] Canadian equivalent to NIH
[B] Canadian equivalent to NSF

Pending

2018 NSF (co-PI)
Decisions, emotions, and travel dynamics under overcrowding and risk in real and simulated subway environments

2018 R01-National Institute on Aging (co-PI)
Neural and Autonomic markers to assess and predict the cognitive aging spectrum

2018 R01-National Institute on Aging (co-PI)
Cholinergic connections to the heart and mind in healthy aging

National endowment for the Arts (co-PI)
Object memories: Art, Neurocognitive Function, and Social Empathy

Funded

2018-2021 National Institute on Aging (Primary sponsor)
Canary in a coal mine: locus coeruleus, norepinephrine signaling and dementia

2018-2020 Engaged Cornell (co-PI)
Brainsets for Achievement: Empowering Students with Brain Agency

2017-2020 National Institute of Food and Agriculture (NIFA) (co-PI)
Translation of Mind-Body Neuroscience to the Elderly Community

2016-19 BSF US-Israel Binational Science Foundation (co-PI)
Dissociating affective and semantic valence in brain and Behavior

2015 Cornell Vertebrate Group
Neurogenetic Sources of Individual Variation in Sensitivity to the Environment

2015 Social Sciences Institute
Neurogenetics of Sensitivity to the Environment: Emotional Memory as a Mediator of GxE Effects

2014 – 2015 Pilot Program for Innovation in Translational Research (co-PI)
Neurologic signature of pain in Non-Suicidal Self Injury

2011 – 2016 [A]Canadian Institutes for Health Research, (PI)
Neurocognitive indices of disgust in Obsessive Compulsive Disorder

2011 – 2016 [A]Canadian Institutes of Health Research (PI)
Neurocognitive markers of depression relapse vulnerability (Renewal)

2011 – 2016 [A]Canadian Institutes of Health Research (PI)
Neurogenetic examinations of noradrenergic contributions to emotion and attention

2011 – 2013 [B]Social Sciences and Humanities Research Council (PI)
Using fMRI to distinguish emotional appraisals and feelings

2010 – 2012 Templeton Foundation, Positive Neuroscience Award (PI)
Neurogenetics of dopaminergic contributions to positivity

2010 – 2012 [B]Social Sciences and Humanities Research Council (PI)
Neurocognitive examinations of oral and moral disgust

2009 - 2012 [B]National Science and Engineering Research Council,
Discovery Accelerator (PI) (Awarded to top 5% of funded grants)
Neurogenetics of cognitive-emotional interactions

2010 - 2015 [B]National Science and Engineering Research Council (PI)
Valence as an organizing construct in cognition

2009 - 2010 Varella Research Award, Mind and Life Institute (Co-PI)
Mindfulness meditation and the neural expression of sadness

2009 - 2012 Ontario Ministry of Research and Innovation (PI)
Central and peripheral indices of moral disgust

2008 - 2013 Canada Research Chairs Program (PI)
Neurogentic contributions to individual differences in emotion-cognition interactions

2007 - 2010 National Institutes of Health (R01) (co-investigator)
Effects of trauma from a single life threatening event on cognition

2007 - 2010 Canadian Institutes for Health Research (co-investigator),
Effects of trauma from a single life threatening event on memory

2006 - 2009 Canadian Institutes for Health Research, (PI)
Neurocognitive markers of depression relapse vulnerability

2006 - 2007 Varella Research Award, Mind and Life Institute (Co-PI)
Mindfulness meditation and neural representations of interoception

2004 - 2006 Connaught new faculty grant, U of T (PI)

2004 - 2009 [B]National Science and Engineering Research Council (PI)
Neurocognitive examinations of valenced cognition

2003 - 2008 Canada Research Chairs Program (PI)
Central and peripheral representations of emotion

2003 Canadian Foundation for Innovation (PI)
Central and peripheral representations of emotion

2003 Ontario Innovation Trust (PI)
Central and peripheral representations of emotion

2001 - 2002 Olfactory Research Fund Research Fellowship (Co-PI)
Affective primacy in olfaction

2000 - 2003 McDonnell-Pew Fellowship (PI)
Neural examinations of affective primacy

2000 - 2003 National Research Service Award, NIH
Neural correlates of affective primacy

C. SCHOLARLY AND PROFESSIONAL WORK *Trainee.

Gross, J, **Anderson, A.K.**, Hard, B, & Schmader, T (projected Fall, 2019). *Interactive Psychology: People in Perspective*. W.W. Norton Publishing., NY, NY

*Todd, R., Miskovic, V. *Chikazoe, J. & **Anderson A.K** (in press) Emotional Objectivity: Neuroscience of emotion and its interactions with cognition. *Annual Review of Psychology*.

*Melo, H. & **Anderson, A.K.**(2020). Neurogenetics of Resilience. In C.R. Snyder, S.J. Lopez, L.M. Edwards, and S.C. Marques (Eds.), The Oxford Handbook of Positive Psychology, 3rd Edition. New York, NY: Oxford University Press.

*Lee, D., *Todd, R., McKinnon, M. Levine, B. & **Anderson A.K.** (resubmission). Flashbulb perceptions: Altered Attentional Tuning 8 Years Following a Single Traumatic Event.

*Hu, K., DeRosa, E. & **Anderson, A.K.** (resubmission). Yellow is for safety: Perceptual and affective perspectives

*Hao, Y., Yao, L., Smith, D.M, Sorel, E. 4, **Anderson, A.K,** Schumacher, E.H. & Evans, G.W. (resubmission) Prefrontal-posterior coupling mediates emotion transitions and their influence on executive function.

*Hu, K., DeRosa, E. & **Anderson, A.K.** (submitted). The effect of color on the brain

*Hu, K., DeRosa, E. & **Anderson, A.K.** (submitted) Individual differences in motivational orientation and reward response predict inattention to saving

*Ali, H.H, **Anderson, A.K.**, & *Kron, A. (submitted) Comparing Three Models of Arousal in the Human Brain.

*Chick, C., *Hill, A. Jones-Rounds, J. & **Anderson, A.K.** (submitted) My Body, Your Emotions: Viscerosomatic Modulation of Facial Expression Discrimination

*Li, X., *Chiu, M., Swallow, K., De Rosa E. & **Anderson, A.K** (submitted). Attend and befriend: Boosting trust with mind and heart

*Chikazoe, J., *Lee, D.H., Kriegeskorte, N. & **Anderson, A.K.** (2019). Evidence for taste type representations in the human gustatory cortex. *Nature Communications, (2019)10:1048*

Segal, Z.V., **Anderson, A.K.**, Gulamani, T., Williams, L.D. Desormeau, P., Desormeau, A., Walsh, K. & *Farb, N. (2019). Practice of Therapy Acquired Regulatory Skills and Depressive Relapse/Recurrence Prophylaxis Following Cognitive Therapy or Mindfulness Based Cognitive Therapy. *Journal of Consulting and Clinical Psychology, 87(2):*161-170.

*Li, X., *Chiu, M. Swallow, K., 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.

*Hu, K., DeRosa, E. & **Anderson, A.K.** (2018). Differential temporal salience of earning and saving. *Nature Communications, 9(1),* 2843.

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

*Lee, D.H. & **Anderson, A.K.** (2018). Form of facial expression communication originates in sensory function. In Fox, Lapate, Shackman & Davidson (Eds) Nature of Emotion, Oxford University Press

Anderson, A.K. (2018). How Do You Feel?: An Interoceptive Moment with Your Neurobiological Self. *Quarterly Review of Biology, 93, 40-41. Review*

*Farb, N., **Anderson, A.K.** Ravindran, A., Hawley, L. Irving, J., Mancuse, E., Gulamani, T., Williams, G., & Segal, Z.V. (2018). Prevention of Relapse/Recurrence in Major Depressive Disorder With Either Mindfulness-Based Cognitive Therapy or Cognitive Therapy. *Journal of Consulting and Clinical Psychology,* 86(2):200-204.

Palombo, D.J., Bacopulos, A., Amaral, R.S.C., Olsen, R.K., Todd, R.M. **Anderson, A.K.** & Brian Levine (2018). Episodic Autobiographical Memory is Associated with Variation in the Size of Hippocampal Subregions. *Hippocampus,* 28(2):69-75

*Eaton, T. & **Anderson, A.K.** (2018). Emotional memories and how your life may depend upon them. *Behavioral and Brain Sciences,* 41:e11.

Miskovic, V., & **Anderson, A.K.** (2018). Modality general and modality specific coding of hedonic valence. *Current Opinion in Behavioral Sciences*, 19, 91-97

*Chapman, H., *Lee, D., *Susskind, J.M., Bartlett, M. & **Anderson, A.K.** (2017). The face of Distaste: A Preliminary Study. *Chemical Senses*, 42(6):457-463

*Lee, D. **Anderson A.K.** (2017) Reading what the mind thinks from how the eye sees. *Psychological Science,* 28(4):494-503

*Lee, D. & **Anderson, A.K.** (2017). Emotions as Information Processing Functions in Behavior and Experience. *Psychological Inquiry*, 28(1):39-44

*Lee, D. & **Anderson A.K.** (2017). Form and function of facial expressive origins. In J.M. Fernández Dols and J. Russell (Eds.). *The Science of Facial Expression 2nd Edition.* Oxford University Press

*Melo, HL., **Anderson, A.** (2016) The Neurogenetics of Resilience. In S.J. Lopez an C.R. Snyder (Eds) *The Oxford Handbook of Positive Psychology.* Oxford University Press.

Todd, R.M, Ehlers,M.R. & **Anderson A.K.** (2016) What BANE can offer GANE: Individual differences in function of hot spot mechanisms. *Behavioral Brain Sciences, 39, 44-45.*

Miskovic, V. Kuntzelman, K., Chikazoe, J. & **Anderson, A.K.** (2016). Representation of affect in sensory cortex. *Behavioral Brain Sciences*, 39, pgs 41-42.

*Melo, HL., **Anderson, A.** (2016) The Function of Positive Emotions in Exploration. *Positive Neuroscience. Eds. J. Greene, I. Morrison, M. Seligman.* Oxford University Press.

Picardo, R., Baron, A. S., **Anderson, A. K.**, & *Todd, R. M. (2016). Tuning to the positive: Age-related Differences and Parental Influences on Subjective Perception of Facial Emotion. *PLoS ONE* 11(1): e0145643

*Lee, D. & **Anderson A.K.** (2016). Form and function in emotional expressions. In L. Feldman Barrett, M. Lewis, and J.M. Haviland-Jones (Eds) *Handbook of Emotion*. Guilford Press.

*Todd, R. M., **Anderson, A. K.,** & Phelps, E. (2016). Attending to the world without an amygdala. In R. Adolphs & D. Amaral (Eds.) *Living without an amygdala.* Guilford Press

Palombo, D., *Todd, R., **Anderson, A.K.** Levine, B. (2016). The neural correlates of memory for a life-threatening event: An fMRI study of passengers from flight AT236. *Clinical Psychological Science*, Vol. 4(2) 312–319

Anderson, A.K. (2015). Toward an objective neural measurement of subjective feeling states. *Psychology of Consciousness*, 2, 30-33

*Farb. N., *Irving, J.A., **Anderson, A.K**., Segal, Z. (2015). A Two-Factor Model of Relapse/Recurrence Vulnerability in Unipolar Depression. *Journal of Abnormal Psychology,* Vol 124(1), 38-53.

*Melo, H & **Anderson, A.K.** (2015). Imaging genetics of positive psychology. In M. Pluess (Ed) Genetics of Psychological Well-Being: The Role of Heritability and Genes in Positive Psychology. Pgs 230-251. Oxford University Press

*Kron, A. *Pilkiw, M., *Banaei, Goldstein, J. A. & **Anderson AK** (2015). Are valence and arousal separable in emotional experience? *Emotion,* 15(1), Feb 2015, 35-44

*Todd, R., Ehlers, M., Mueller, D., Robertson, A., Palombo, D., Freeman, N. Levine, B. & **Anderson, A.K.** (2015). Neurogenetic variations in norepinephrine availability enhance perceptual vividness. *Journal of Neuroscience,* 35(16):6506–6516.

*Chikazoe, J., *Lee, D., Kriegekorte, N, **Anderson A.K.** (2014). Population level coding of affect across stimuli, modalities and individuals. *Nature Neuroscience,* 17:1114-22

*Riggs, L., Fujioka, T., Chan, J., McQuiggan, D.A., & **Anderson, A.K.**, & Ryan, J.D. (2014). Association with Emotional Information Alters Subsequent Processing of Neutral Faces. *Frontiers in Human Neuroscience*, 8.

*N Lipsman, T Nakao, N Kanayama, JK Krauss, **A Anderson**, P Giacobbe et al (2014) Neural overlap between resting state and self-relevant activity in human subcallosal cingulate cortex–Single unit recording in an intracranial study. *Cortex, 60*, 139-144

*Kron, A., *Pilkiw, M. Goldstein, A., *Lee, D.H., *Gardhouse, K.**, Anderson, A.K.** (2014). Spending one's time: The hedonic principle in ad libitum viewing of pictures. *Emotion,*14 (6), 1087

*Koscik, T., *White, N., *Chapman, H.A, **Anderson A.K.** (2014). The sensory foundations of socioemotional perception. *The Cognitive Neurosciences*, 5th edition (Eds M. Gazzaniga & G.R. Mangun) MIT Press, 751-766.

*Schmitz, T., *Dixon, M.L., **Anderson, A.K.**, De Rosa, E. (2104). Distinguishing attentional gain and tuning in young and older adults. *Neurobiology of Aging*, 35(11):1-12

*Todd, R. M., Palombo, D., Mueller, D., *Robertson, A., *Eaton, T., Freeman, N., Levine, B., & **Anderson, A. K.** (2014). Deletion variant in the *ADRA2b* gene increases coupling between emotional responses at encoding and later retrieval of emotional memories. *Neurobiology of Learning and Memory*, 112:222-9.

*Chapman H.A, **Anderson, A.K** (2014). Trait physical disgust is related to moral judgments outside of the purity domain. *Emotion*, 14(2), 341-348.

*Markovic, J., **Anderson, A.K**., *Todd, R. (2014) Tuning to the significant: Neural and genetic processes underlying affective enhancement of visual perception and memory. *Behavioral Brain Research, 259*, 1, 229–241

*Lee D. H., *Mirza, R., Flanagan J. G., **Anderson, A. K.** (2014). Optical origins of opposing facial expression actions. *Psychological Science,* 25(3):745-52

Hawley LL, Schwartz D, Bieling PJ, *Irving J, Corcoran K, *Farb NAS, **Anderson AK,** Segal ZV (2014). Mindfulness Practice, Rumination and Clinical Outcome in Mindfulness-Based Treatment. *Cognitive Therapy and Research*, 38, 1-9.

*Farb NAS, **Anderson AK**, *Irving JA, Segal ZV. (2014). Mindfulness Interventions and Emotion Regulation. In *Handbook of Emotion Regulation, 2nd Edition* (ed. James Gross), Guilford Press. 548-570.

*Chapman, H.A., *Johannes, K., Moscovitch, M., & **Anderson, A.K.** (2013). Evidence for the differential salience of disgust and fear in episodic memory. *Journal of Experimental Psychology:General,* 142(4):1100-12.

*Todd R.M., Müller, D.J. *Lee, D.H., *Robertson, A., *Eaton, T., Freeman, N., Palombo, D.J., Levine B., & **A.K. Anderson** (2013). Genes for emotion enhanced remembering are linked to enhanced perceiving. *Psychological Science,* 24(11), 2244-2253.

Palombo, D. J., Amaral, R. S. C., Olsen, R. K., Mueller, D., *Todd, R. M., **Anderson, A.K.**, Freeman, N., and Levine, B (2013). *KIBRA* Polymorphism is associated with Individual differences in hippocampal subregions: Evidence from anatomical segmentation using high-resolution MRI. *Journal of Neuroscience, 33*(32), 13088-13093.

*Lee D.H., *Susskind, J.M., & **Anderson, A.K.** (2013). Social transmission of the sensory benefits of fear eye widening. *Psychological Science,* 24(6):957-65.

*Kron, A., Goldstein, A., *Lee, D. H., *Guardhouse, K., & **Anderson, A.K.** (2013). How are you feeling? Revisiting the quantification of emotional qualia. *Psychological Science,* 24(8):1503-11.

*Farb, N. *Chapman, H. & **Anderson, A.K.** (2013). Emotions: Form follows function. *Current Opinion in Neurobiology*, 23(3):393-8.

*Syal, S., & **Anderson, A. K.** (2013). It takes two to talk: A second-person neuroscience approach to language learning. *Behavioral and Brain Sciences*, *36*(04), 439-440.

*Todd RM, *Schmitz TW, *Susskind J & **Anderson AK** (2013) Shared neural substrates of emotionally enhanced perceptual and mnemonic vividness. *Frontiers in Behavioral Neuroscience* 7:40.

*Chapman, H.A. & **Anderson, A.K.** (2013). Things rank and gross in nature: A review and synthesis of moral disgust. *Psychological Bulletin*, 139(2), 300-327.

*Farb NAS, Segal ZV, & **Anderson AK** (2013). Mindfulness meditation training alters cortical representations of respiratory related activity. *Social, Cognitive and Affective Neuroscience.* 8(1):15-26

*Ortner, C.N.M., Zelazo, P.D., & **Anderson, A.K.** (2013). Effects of Reappraisal and Suppression on Concurrent Attentional Performance. *Motivation and Emotion*. 37(2): 346-354

*Gardhouse K. & **Anderson, A.K.** (2013). Affective Science: The objective measurement of subjective experience. In P. Vuilleumier and J. Armony (Eds.) *The Cambridge Handbook of Human Affective Neuroscience* (pp 57-81*).* Cambridge University Press.

*Todd, R. M. & **Anderson, A. K.** (2013). Salience, state, and expression: The influence of specific aspects of emotion on attention. In K. Ochsner and S.M. Kosslyn (Eds.) *Oxford handbook of cognitive neuroscience* (pp.11-31). New York: Oxford University Press.

*Chapman, H.A. & **Anderson, A.K.** (2012). Understanding Disgust. *Annals of the NY Academy of Sciences: The Year in Cognitive Neuroscience*, 1251: 62-76.

*Niu, Y., *Todd, R., Wan, F., & **Anderson, A.K.** (2012). Affective salience can reverse the effects of stimulus-driven salience on eye movements in complex scenes. *Frontiers of psychology: Emotion Science*, 3:336.

*Niu, Y., Todd, R.M., Kyan, M. & **Anderson, A.K.** (2012) Visual saliency and emotional salience influence eye movements. *Transactions on Applied Perception*, 9(3), No. 13.

*Todd, R. M., Cunningham, W. A., **Anderson**, **A. K.** & Thompson, E. (2012). Affect-Biased Attention as Emotion Regulation. *Trends in Cognitive Sciences, 16(7)*:365-372.

*Todd RM, Talmi D, *Schmitz TW, *Susskind J, **Anderson AK.** (2012) Psychophysical and neural evidence for emotion-enhanced perceptual vividness. *Journal of Neuroscience*. 15;32(33):11201-12.

*Farb N.A., Segal, Z.V., **Anderson, A.K.** (2012). Attentional Modulation of Primary Interoceptive and Exteroceptive Cortices. *Cerebral Cortex, 23 (1),* 114-126

*Farb, N.A.S., Segal, Z.V., & **Anderson, A.K.** (2012). The Mindful Brain and Emotion Regulation. *Canadian Journal of Psychiatry*, 57(2):70-7.

*Farb, N.A.S., Segal, Z.V. & **Anderson, A.K.** (2011). Towards a Neuroimaging Biomarker of Depression Vulnerability. *Translational Neuroscience*, 2 (4): 281-292

*Chapman, H.A. & **Anderson, A.K.** (2011). Varieties of moral emotional experience. *Emotion Review*, 3 (3), 255-257

• Chapman, H.A. & **Anderson, A.K.** (2011). Response to commentary by Royzman and Kurzban. *Emotion review*, 3 (3) 272-273

Agrafioti, F., Hatzinakos, D., & **Anderson, A.K.** (2011). ECG Pattern Analysis for Emotion Detection. *IEEE Transactions on Affective Computing*, 2(3).

Menon M, *Schmitz TW, **Anderson AK**, Graff A, Korostil M, Mamo D, Gerretsen P, Addington J, Remington G, Kapur S. (2011). Exploring the neural correlates of delusions of reference. *Biological Psychiatry, 70(12)*:1127-33

*Farb NA, **Anderson AK**, Bloch RT, Segal ZV. (2011). Mood-linked responses in medial prefrontal cortex predict relapse in patients with recurrent unipolar depression. *Biological Psychiatry, 70(4):* 366-72.

*Riggs, L., McQuiggan, D.A., *Farb, N., **Anderson, A.K.,** & Ryan, J.D. (2011). The role of overt attention in emotion modulated memory. *Emotion, 11(4): 776-85*

*West. G., **Anderson A.K.,** Ferber S., Pratt J. (2011). Electrophysiological evidence for biased competition in V1 for fear expressions. *Journal of Cognitive Neuroscience* 23(11):3410-8

*Todd, R. M., Palombo, D. J., Levine, B., & **Anderson, A.K.** (2011). Genetic differences in emotionally enhanced memory. *Neuropsychologia*, 49(4), 734-744.

*Steidl S, *Razik F, **Anderson AK.** (2011). Emotion enhanced retention of cognitive skill learning. *Emotion*, 11(1):12-9.

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*West, G., **Anderson, A.,** Bedwell, J. S., & Pratt, J. (2010). Red diffuse light suppresses the accelerated perception of fear. *Psychological Science,* 21(7): 992-999.

*Farb, N.A., **Anderson, A.K.**, Mayberg, H., Bean, J., McKeon D. & Segal, Z.V. (2010). Minding one's emotions: Mindfulness training alters the neural expression of sadness. *Emotion* 10(1): 25-34.

Corcoran, A.M, *Farb, N., **Anderson A.K.,** Segal, Z.V. (2010). Mindfulness and emotion regulation: Outcomes and possible mediating mechanisms. In A.N. Kring & D.M. Sloan (Eds) Emotion regulation and Psychopathology: Transdiagnostic approach to etiology and treatment. (pp. 339-355). Guilford Publishing, NY.

*Susskind, J.M., **Anderson, A.K.**, and Hinton, G.E. The Toronto face database. *Technical Report UTML* TR 2010-001, Dept. of Computer Science, University of Toronto, 2010.

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Anderson, A.K. & Segal, Z.V. (2009) Relapse and recurrence in major depressive disorder. *Frontiers in neuroscience*, 3(2): 273.

*West, G.L., **Anderson, A.K**., Pratt, J. & (2009). Motivationally Significant Stimuli Show Visual Prior Entry: Direct Evidence for Attentional Capture. *Journal of Experimental Psychology: Human Perception and Performance, 35(4):1032-42.*

*Schmitz, T.W., De Rosa, E., **Anderson, A.K.** (2009). Opposing influences of affective state valence on visual cortical encoding. *Journal of Neuroscience*, Jun 3;29(22):7199-207.

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TEACHING

Undergraduate courses taught

Perception
Cognitive Neuroscience
Human Mind and Brain
Physiology and Psychology of Emotion
Social and Affective Neuroscience
Seminar in Emotion, Cognition and Brain

Graduate courses taught

Neuroscience of human emotion
Current directions in human affective neuroscience
Seminar in Emotion, Cognition and Brain

Trainees

Doctorate

Daniel Lee[5*]	2014	Emotional Eyes: from Sensory Evolution to Social Exaptation*

*2015 John Leyerle-CIFAR Prize for Interdisciplinary Research. Honours a dissertation that has clearly performed outstanding interdisciplinary research **Current position:** Fellow, Institute of Cognitive Science, University of Colorado, Boulder

Taylor Schmitz[4*] (co-supervisor)	2012	Attentional filtering in young and older adulthood*

*Governor General Gold Medal. The Governor General's Gold Medal was first awarded in 1873 by the Earl of Dufferin. This award has since become one of the most prestigious that a student at a Canadian educational institution may receive. **Current position:** Assistant Professor, Department of Physiology and Pharmacology, University of Western Ontario.

Hanah Chapman[3] 2011 Things Rank and Gross In Nature: Psychological,Physiological and Neuroimaging Investigations of Sociomoral Disgust **Current position:** Assistant Professor, Department of Psychology, Brooklyn College

Josh Susskind[2] 2010 Interpreting Faces with Neurally Inspired Generative* Models (http://hdl.handle.net/1807/29884)

*John Leyerle-CIFAR Prize for Interdisciplinary Research. Honours a dissertation that has clearly performed outstanding interdisciplinary research. **Current position:** Engineering Manager, Deep learning specialist, Apple Inc.

Norman Farb[1] 2010 Changes in Viscerosomatic Neural Activity with Mindfulness Meditation Training Reflect Improved Present-Moment Self-Awareness **Current position:** Assistant Professor, Department of Psychology, University of Toronto

Post-Doctoral Fellows

Lissa Riley, 2018-present

Kesong Hu (co-supersvised) 2014-2016
Current position: Assistant Professor, Department of Psychology, Lake Superior University

Junichi Chikazoe, 2010-2015
Current position: Associate professor, National institute for physiological Sciences, Japan

Tim Koscik, 2012-2014
Current position: Assistant Professor, Department of Psychiatry, University of Iowa

Supriya Syal, 2012-2014
Current position: Founder, Dulcimer Labs

Rebecca Todd, 2008-2012
Current position: Assistant Professor, Department of Psychology, University of British Columbia

Assaf Kron, 2010-2013
Current position: Assistant Professor, Department of Psychology, University of Haifa

Niu Yaqing, 2011-2013
Current position: Network Engineer at Cogeco Connexion

Esther Fujiwara (co-supervised), 2007
Current position: Associate Professor, Department of Psychiatry, University of Alberta

Media relations and coverage

http://aclab.human.cornell.edu/press/

2018

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• Exhibited in American Museum of Natural History, New York, NY • Science World, Vancouver BC • Great Lakes Science Center, Cleveland OH • Frank H. McClung Museum, Knoxville, TN

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•Featured in Scientific American, ABC news, ScienceNow, Agence France-Presse, Bloomberg News, Reuters, Chicago Tribune, Le Monde, Boston Globe, Pittsburgh Post Gazette, CBC, Prevention magazine, Self magazine, Shape magazine

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