Publications

A representative selection of publications worked on by Franklin Fellows (in bold type) during their time at UGA (or after) that use neuroimaging methods:

1) Gray, J. C., Amlung, M. T., **Owens, M.**, Acker, J., Brown, C. L., Brody, G., Sweet, L. H., & MacKillop, J. (in press). Neuroeconomics of tobacco demand: An initial investigation of the neural correlates of cigarette cost-benefit decision making in male smokers. *Scientific Reports*.

2) Lindbergh, C.A., **Mewborn, C.M.,** Hammond, B.R., Renzi-Hammond, L.M., Curran-Celentano, J., & Miller, L.S. (2016). The relationship of lutein and zeaxanthin levels to neurocognitive functioning: An fMRI study. *Journal of the International Neuropsychological Society, 22*, 1-12. doi: 10.1017/S1355617716000850.

3) **Hamm, J.P.**, Yuste, R. (2016). Somatostatin Interneurons Control a Key Component of Mismatch Negativity in Mouse Visual Cortex. *Cell Reports*. 16, 407–420.

4) Carrillo-Reid L., Miller J.E., **Hamm, J.P.,** Jackson J., Yuste, R. (2015). Endogenous Sequential Cortical Activity Evoked by Visual Stimuli. *Journal of Neuroscience.*35(23):8813-28.

5) **Pierce, J.E**. & McDowell, J.E. (2017). Reduced cognitive control demands following practice of saccade tasks in a trial type probability manipulation. *Journal of Cognitive Neuroscience.* (2):368-381. doi: 10.1162/jocn_a_01051.

6) **Pierce, J.E**., & McDowell, J.E. (2016). Modulation of cognitive control levels via manipulation of saccade trial type probability assessed with event-related BOLD fMRI. *Journal of Neurophysiology*. 115(2):763-72. doi: 10.1152/jn.00776.2015.

7) Schaeffer, D.J., **Rodrigue, A.L.**, Burton, C.R., **Pierce, J.E**., Unsworth, N., Clementz, B.A., & McDowell, J.E. (2015). White matter structural integrity differs between people with schizophrenia and healthy groups as a function of cognitive control. *Schizophrenia Research*. 169(1-3):62-8. doi: 10.1016/j.schres.2015.11.001

8) Schwarz, N.F., Krafft, C.E., Chi, L., Weinberger, A.L., Schaeffer, D.J., **Pierce, J.E**., **Rodrigue, A.L**, Williams, C.F., DiBattisto, C.H., Maria, B.L., McDowell, J.E., & Davis, C.L. (2015). Antisaccade-related brain activation in children with attention-deficit/hyperactivity disorder – a pilot study. *Psychiatry Research: Neuroimaging*, *234(2):*272-9*.* doi: 10.1016/j.pscychresns.2015.10.003

9) Schaeffer, D.J., Krafft, C.E., Schwarz, N.F., Chi, L., **Rodrigue, A.L.**, **Pierce, J.E.**, Allison, J.D., Yanasak, N.E., Liu, T., Davis, C.L., & McDowell, J.E. (2014). The relationship between uncinate fasciculus white matter integrity and verbal memory proficiency in children. *Neuroreport, 25(12)* 921-5.

10) Schaeffer, D.J., Krafft, C.E., Schwarz, N.F., Chi, L., **Rodrigue, A.L.**, **Pierce, J.E.**, Allison, J.D., Yanasak, N.E., Liu, T., Davis, C.L., & McDowell, J.E. (2014). An 8-month exercise intervention alters frontotemporal white matter integrity in overweight children. *Psychophysiology, 51(8),* 728-33.

11) Bailey, K., **Amlung, M. T.,** Morris, D. H., Price, M. H., McCarthy, D. M., & Bartholow, B. D. (2016). Separate and joint effects of alcohol and caffeine on conflict monitoring and adaptation. *Psychopharmacology, 233, 1245-55.*

12) **Amlung, M.,** Sweet, L. H., Acker, J., Brown, C. L. & MacKillop, J. (2014). Dissociable brain signatures of choice conflict and immediate reward preferences in alcohol use disorders. *Addiction Biology. 19*(4).

13) Gray, J. C., **Amlung, M.**, Acker, J., Sweet, L. H., Brown, C., & MacKillop, J. (2014). Clarifying the neural basis for incentive salience of tobacco cues in smokers. *Psychiatry Research: Neuroimaging. 223*(3), 218-225.

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of alcohol cost-benefit decision making in heavy drinking men. *Neuropsychopharmacology, 39*, 1988-1995.
15) Schaeffer, D. J., **Amlung, M.,** Li, Q., Krafft, C. E., Austin, B. P., Dyckman, K. A., & McDowell, J. E. (2013). Neural correlates of behavioral variation in healthy adults' antisaccade performance. *Psychophysiology, 50*(4), 325-333.
16) MacKillop, J., **Amlung, M.,** Wier, L., David, S. P., Ray, L. A., Bickel, W. K., & Sweet, L. H. (2012). The neuroeconomics of nicotine dependence: A preliminary study of delay discounting of monetary and cigarette rewards in smokers. *Psychiatry Research: Neuroimaging, 202*, 20-29.
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