

Recommended Reading for Prospective Students

Students interested in joining the *Neuroinformatics and Brain Connectivity Lab* are encouraged to read through the following representative publications:

1. **Laird AR**, Riedel MC, **Sutherland MT**, Eickhoff SB, Ray KL, Uecker AM, Fox PM, Turner JA, Fox PT. Neural architecture underlying classification of face perception paradigms. *Neuroimage* 119, 70-80, 2015.
2. Riedel MC, Ray KL, Dick AS, **Sutherland MT**, Hernandez Z, Fox PM, Eickhoff SB, Fox PT, **Laird AR**. Meta-analytic connectivity and behavioral parcellation of the human cerebellum. *Neuroimage* 117, 327-342, 2015.
3. **Sutherland MT**, Ray KL, Riedel MC, Yanes JA, Stein EA, **Laird AR**. Neurobiological impact of nicotinic acetylcholine receptor agonists: An ALE meta-analysis of pharmacological neuroimaging studies. *Biol Psychiatry* 78, 711-720, 2015.
4. Fedota JR, **Sutherland MT**, Salmeron BJ, Ross TJ, Hong LE, Stein EA. Reward anticipation is differentially modulated by varenicline and nicotine in smokers. *Neuropsychopharmacology* 40, 2038-2046, 2015.
5. Ray KL, McKay DR, Fox PM, Riedel MC, Uecker AM, Beckmann CF, Smith SM, Fox PT, **Laird AR**. ICA model order selection of task co-activation networks. *Front Neurosci* 7, 237, 2013.
6. **Sutherland MT**, Carroll AJ, Salmeron BJ, Ross TJ, Hong LE, Stein EA. Down-regulation of amygdala and insula functional circuits by varenicline and nicotine in abstinent smokers. *Biol Psychiatry* 74, 538-546, 2013.
7. **Sutherland MT**, Carroll AJ, Salmeron BJ, Ross TJ, Stein EA. Insula's functional connectivity with ventromedial prefrontal cortex mediates the impact of trait alexithymia on state tobacco craving. *Psychopharmacology* 228, 143-155, 2013.
8. **Sutherland MT**, McHugh M, Pariyadath V, Stein EA. Resting state functional connectivity in addiction: Lessons learned and a road ahead. *NeuroImage* 62, 2281-2295, 2012.
9. **Laird AR**, Fox PM, Eickhoff SB, Turner JA, Ray KL, McKay DR, Glahn DC, Beckmann CF, Smith SM, Fox PT. Behavioral interpretations of intrinsic connectivity networks. *J Cogn Neurosci* 23, 4022-4037, 2011.
10. Hong LE, Gu H, Yang Y, Ross TJ, Salmeron BJ, Buchholz B, Thaker GK, Stein EA. Association of nicotine addiction and nicotine's action with separate cingulate cortex functional circuits. *Archives of General Psychiatry* 66, 431-441, 2009.