



SCOTT JONES

Oregon Health & Science University, Behavioral Neuroscience

Degrees:

B.S. in Psychology, Kansas State University – Manhattan, KS

B.S. in Biology, Kansas State University – Manhattan, KS

Advisor:

Bonnie Nagel, PhD

Scholar Award Donors:

Barbara and Phil Silver

About the Scholar:

Scott uses neuroimaging techniques to look at structural and functional aspects of the developing adolescent brain. He is interested in understanding the impact of binge-drinking on the development of the adolescent brain, and how changes in brain activity or structure lead to neurocognitive deficits. He is also interested in how these changes relate to impulsivity and risk-taking behavior, as well as what impact family history of alcoholism has on these neurological and behavioral changes.

Benefits to Society:

Scott's work helps provide insight into future drug and alcohol intervention and prevention strategies targeted at adolescents.

Publications and Posters:

Cservenka, A., Alarcon, G., **Jones, S. A.**, Nagel, B. J. Advances in human neuroconnectivity research: applications for understanding familial history risk for alcoholism (in press). *Alcohol Research: Current Reviews*. 2015

Cservenka, A., **Jones, S. A.**, Nagel, B. J. Reduced cerebellar brain activity during reward processing in adolescent binge drinkers (submitted). *Developmental cognitive neuroscience*. 2015

Jones, S. A., Nagel, B. J. Binge drinking impacts cerebellar response during decision making in adolescents (in preparation). *NeuroImage*.

Jones, S. A., Cservenka, A., Alarcon, G. & Nagel, B. J. Adolescent binge-drinkers show atypical brain activity during risky decision-making (November 2014). Poster presented at the *Annual International Congress for Integrative Developmental Cognitive Neuroscience meeting*, Hollywood, CA.

Jones, S. A., Nagel, B. J. Longitudinal sex differences in brain activity during spatial working memory in adolescents (October 2015). Poster to be presented at the *Annual Society for Neuroscience meeting*, Chicago, IL.