

SCHEDULE SPRING 2009

*MEANS WILL LEAD ARTICLE DISCUSSION

Date	Topic	Readings
Jan 23	Organizational Meeting followed by course orientation for new attendees	
Jan 30	Di Samek -- A Comparison of International and Domestic Adoptees on a Latent Class Model of Externalizing Steve Ludeke –Religiousness and the Traditional Moral Values Triad	
Feb 6	Greg Perlman Genetic and Environmental Influences on the Skin Conductance Response Jake Buchanan —Article discussion leader	Bierut et al. '08 Smoking genes Van den Oord et al. '08 Neuroticism GWAS
Feb 13	Jake Anderson -- An Investigation of Gamma Oscillations in Alcoholics and Non-Alcoholics Kian Imaninaini -- SNPs in the Twin Study	
Feb 20	Chris Patrick -- Toward a Psychoneurometric Approach to the Study of Psychopathology	
Feb 27	Ken Winters - Adolescent Brain Development and Alcohol Abuse Susceptibility	
Mar 6	Irene Elkins – MCTFR update: working toward a common nicotine phenotype across GEDI sites Brian Hicks - Substance misuse, behavioral disinhibition, and premorbid risk Casey Gilmore - Nature of the genetic association between externalizing psychopathology and brain electrophysiology Meg Keyes Environmental Risk and Protective Factors Mike Miller – Analyzing GEDI SNP Genotypes: Error Detection and Efficient GWAS Tactics	Special Class Time: today we will extend the class time from 1:15 to 3 p.m. Scheduled are 5 presentations we will give next week in Washington, D.C., at a GEDI conference.
Mar 13	Report and discussion of GEDI meeting in DC Undergrads: Paper Topic Due: email your topic to wiacono@tfs.psych.umn.edu	
Mar 20	SPRING BREAK – No class	
Mar 27	Dan Irons – Article discussion leader Rob Kirkpatrick -- Shared-Environmental Contributions to High Cognitive Ability	Oggers et al. '08 exposure to substances Koenen et al. '09 Childhood IQ reserve hypothesis

Apr 3	<p>Lisa Legrand-- Lesser-Known Assessments of the MCTFR</p> <p>Erin Tully -- Depression, Anxiety, and Startle Response Paper Outline Due</p>	
Apr 10	<p>Henry Yoon – A Multimethod Investigation of the P3 Response in Adults with or without a Lifetime History of Substance Dependence</p> <p>Marina Bornovalova – Disentangling the Causes and Consequences in the Developmental Trajectory to Adult Antisocial Behavior</p>	
Apr 17	<p>Ana DiRago – Depression-personality during development</p> <p>Cornelia Iucha – Internalizing disorders: Is there an interaction between serotonin transporter (5HTT) polymorphism and stressful life events?</p>	
Apr 24	<p>Lindsay Matteson – ADHD and other externalizing psychopathology: Familial transmission of risk</p> <p>Sarah Ward – Persistence and Age of Onset in Conduct Dis</p>	
May 1	Research Day – No Class, but everyone is welcome to attend Research Day. Ian Gotlib is the featured speaker.	Meet in Elt n639 for Research Day
May 8	<p>Meg Keyes & Anu Sharma – Highlighted findings and what we can learn from SIBs PAPER DUE</p>	

February 6 readings (Bierut, et al., 2008; van den Oord, et al., 2008)

Bierut, L.J., Stitzel, J.A., Wang, J.C., Hinrichs, A.L., Gruzza, R.A., Xuei, X., Saccone, N.L., Saccone, S.F., Bertelsen, S., Fox, L., Horton, W.J., Breslau, N., Budde, J., Cloninger, C.R., Dick, D.M., Foroud, T., Hatsukami, D., Hesselbrock, V., Johnson, E.O., Kramer, J., Kuperman, S., Madden, P.A., Mayo, K., Nurnberger, J., Jr., Pomerleau, O., Porjesz, B., Reyes, O., Schuckit, M., Swan, G., Tischfield, J.A., Edenberg, H.J., Rice, J.P., & Goate, A.M. (2008). Variants in nicotinic receptors and risk for nicotine dependence. *Am J Psychiatry*, **165**, 1163-1171.

van den Oord, E.J., Kuo, P.H., Hartmann, A.M., Webb, B.T., Moller, H.J., Hetteema, J.M., Giegling, I., Bukszar, J., & Rujescu, D. (2008). Genomewide association analysis followed by a replication study implicates a novel candidate gene for neuroticism. *Arch Gen Psychiatry*, **65**, 1062-1071.

March 27 readings (Koenen, et al., 2009; Odgers, et al., 2008)

Koenen, K.C., Moffitt, T.E., Roberts, A.L., Martin, L.T., Kubzansky, L., Harrington, H., Poulton, R., & Caspi, A. (2009). Childhood IQ and Adult Mental Disorders: A Test of the Cognitive Reserve Hypothesis. *Am J Psychiatry*, **166**, 50-57.

Odgers, C.L., Caspi, A., Nagin, D.S., Piquero, A.R., Slutske, W.S., Milne, B.J., Dickson, N., Poulton, R., & Moffitt, T.E. (2008). Is it important to prevent early exposure to drugs and alcohol among adolescents? *Psychol Sci*, **19**, 1037-1044.