

# DIANA R. SAMEK

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## CURRENT ACADEMIC APPOINTMENT

Assistant Professor 2014-present  
Human Development and Family Studies Department  
College of Human Sciences  
Auburn University, Auburn, AL

## PAST ACADEMIC APPOINTMENTS

Post-Doctoral Research Associate at the University of Minnesota 2012-2014  
Department of Psychology, Minnesota Center for Twin and Family Research,  
Minneapolis, MN  
Adjunct Professor at St. Catherine University 2013-2014  
Department of Psychology, St. Paul, MN

## EDUCATION

Ph.D., University of Minnesota – Minneapolis – St. Paul, MN 2009-2012  
Major field: Family Social Science  
Supporting program: Psychology  
M.A., University of Minnesota – Minneapolis – St. Paul, MN 2007-2009  
Major field: Family Social Science  
B.A., University of Minnesota – Minneapolis – St. Paul, MN 2002-2006  
*Summa cum laude*  
Major field: Psychology

## RESEARCH INTERESTS

- Adolescent and young adult development
- Adoptive identity and adjustment
- Alcohol and substance use
- Externalizing behaviors and disorders
- Gene- and person-environment interplay
- Parenting, peer, sibling, romantic relationships
- Personality and individual differences
- Risk, protective, and resilience factors

## TEACHING INTERESTS

- Child, adolescent, adult development
- Developmental psychology and psychopathology
- Research methods and basic statistics

## PEER REVIEWED PUBLICATIONS (N = 15)

### 2015

- Samek, D.R.**, Rueter, M.A., Keyes, M.A., McGue, M., & Iacono, W.G. (2015). Parent involvement, sibling companionship, and adolescent substance use: A longitudinal, genetically-informed design. *Journal of Family Psychology*, 29(4), 614-623. doi: 10.1037/fam0000097
- Hamilton, E.R., **Samek, D.R.**, Keyes, M., Iacono, W.G., & McGue, M. (2015). Identity development in a transracial environment: Racial/ethnic minority adjustment in Minnesota. *Adoption Quarterly*, 18(3), 213-233. doi: 10.1080/10926755.2015.1013593
- Samek, D.R.**, Elkins, I.J., Keyes, M.A., Iacono, W.G., & McGue, M. (2015). High school sports involvement diminishes the association between childhood conduct disorder and adult antisocial behavior. *Journal of Adolescent Health*, 57(1), 107-112. doi: 10.1016/j.jadohealth.2015.03.009
- Samek, D.R.**, Hicks, B., Keyes, M., Bailey, J., Iacono, W.G., & McGue, M. (2015). Gene-environment interplay between parent-offspring relationship problems and externalizing disorders in adolescence and young adulthood. *Psychological Medicine*, 45, 333-344. doi: 10.1017/S0033291714001445 (online first publication in 2014)

### 2014

- Samek, D.R.**, McGue, M., Keyes, M., & Iacono, W.G. (2014). Sibling facilitation mediates the association between older and younger sibling alcohol use in late adolescence. *Journal of Research on Adolescence*, online first publication, 1-14. doi: 10.1111/jora.12154
- Samek, D.R.**, & Hicks, B.M. (2014). Externalizing disorders and environmental risk: Mechanisms of gene-environment interplay and strategies for intervention. *Clinical Practice*, 11, 537-547. doi: 10.2217/cpr.14.47
- Samek, D.R.**, Keyes, M., Hicks, B., Bailey, J., McGue, M., & Iacono, W.G. (2014). General and substance-specific predictors of young adult nicotine and alcohol dependence in early adulthood: Genetic and Environmental Influences. *Journal of Studies on Alcohol and Drugs*, 75, 623-634.
- Bailey, J., **Samek, D.R.**, Keyes, M., Hill, K.G., Hicks, B., McGue, M., Iacono, W.G., Epstein, M., Catalano, R.F., Haggerty, K.P., & Hawkins, J.D. (2014). General and substance-specific predictors of young adult nicotine dependence, alcohol use disorder, and problem behavior: Replication in two samples. *Drug and Alcohol Dependence*, 138, 161-168. doi: 10.1016/j.drugalcdep.2014.02.023
- Samek, D.R.**, Iacono, W.G., Keyes, M., Epstein, M., Bornoalova, M.A., & McGue, M. (2014). The developmental progression of age 14 behavioral disinhibition, early age of sexual initiation, and subsequent sexual risk-taking behavior. *Journal of Child Psychology and Psychiatry*, 55, 784-792. doi: 10.1111/jcpp.12176 (online first publication in 2013)

## 2013

**Samek, D.R.**, Koh, B., & Rueter, M.A. (2013). Overview of behavioral genetics research for family researchers. *Journal of Family Theory & Review*, 5, 214-233. doi: 10.1111/jftr.12013

**Samek, D.R.**, Keyes, M.A., Iacono, W.G., & McGue, M. (2013). Peer deviance, alcohol expectancies, and adolescent alcohol use: Explaining shared and nonshared environmental effects using an adoptive sibling pair design. *Behavior Genetics*, 43, 286-296. doi: 10.1007/s10519-013-9595-9

Wroble, G.M., Grotevant, H.D., **Samek, D.R.**, & Von Korff, L. (2013). Adoptees' curiosity and information seeking about birth parents in emerging adulthood: Context, motivation, and behavior. *International Journal of Behavioral Development*, 37, 441-450. doi: 10.1177/0165025413486420

## 2011

**Samek, D.R.**, & Rueter, M.A. (2011). Considerations of elder sibling closeness in predicting younger sibling substance use: Social learning versus social bonding explanations. *Journal of Family Psychology*, 25, 931 - 941. doi:10.1037/a0025857

**Samek, D.R.**, & Rueter, M.A. (2011). Associations between Family Communication Patterns, Sibling Closeness, and Adoptive Status. *Journal of Marriage and Family*, 73, 1015-1031. doi:10.1111/j.1741-3737.2011.00865.x

## 2010

Von Korff, L., Grotevant, H.D., Koh, B.D., & **Samek, D.R.** (2010). Adoptive mothers: Identity agents on the pathway to adoptive identity formation. *Identity: An International Journal of Theory and Research*, 10, 122-137. doi: 10.1080/15283481003711767

### MANUSCRIPTS UNDER REVIEW ( $n = 2$ )

**Samek, D.R.**, Goodman, R., Erath, S. McGue, M., & Iacono, W.G. Antisocial peer affiliation and externalizing disorders in the transition from adolescent to young adulthood: Selection versus socialization effects.

*\*italics indicate student author\**

Rauer, A.J., Pettit, G.S., **Samek, D.R.**, Lansford, J.E., Dodge, K.A., & Bates, J.E. A developmental perspective on adult alcohol use: Links between substance use in adolescence and later romantic relationship involvement.

### MANUSCRIPTS UNDER REVISION ( $n = 2$ )

**Samek, D.R.**, Hicks, B., Keyes, M.A., McGue, M., & Iacono, W.G. Antisocial peer affiliation and externalizing disorders: Evidence for gene x environment x development interaction.

**Samek, D.R.**, Wilson, S., McGue, M., & Iacono, W.G. Genetic and environmental influences on the relationship between parent-child conflict and adolescent major depression over time.

## PEER REVIEWED PRESENTATIONS ( $N = 19$ )

### 2015

**Samek, D.R.**, Elkins, I. J., Keyes, M.A., Iacono, W.G., & McGue, M. (2015, March). High school sports involvement diminishes the association between childhood conduct disorder and adult antisocial behavior. Poster presented at the National Society for Research on Child Development 2015 Biennial Meeting, Philadelphia, PA.

Rauer, A., Pettit, G., **Samek, D.R.**, Lansford, J., Bates, J. Romance and drugs: Adolescent substance use as a gateway to later romantic relationships and why that might be a good thing. (2015, March). Paper presented at the National Society for Research on Child Development 2015 Biennial Meeting, Philadelphia, PA.

**Samek, D.R.**, Bailey, J., Hill, K.G., Keyes, M.A., Lee, S., Miller, M., Winters, K., Iacono, W.G., & McGue, M. (2015, May). A test-replicate approach to candidate gene research on addiction and externalizing disorders: A collaboration across four longitudinal studies. Paper presented at the Society of Research on Prevention 23<sup>rd</sup> Annual Conference, Washington, D.C.

Bailey, J.A., Hill, K.G., Epstein, M., **Samek, D.R.**, & McGue, M. (2015, May). Generalizability of gene-environment models by race/ethnicity. Paper presented at the Society of Research on Prevention 23<sup>rd</sup> Annual Conference, Washington, D.C.

**Samek, D.R.**, Hicks, B.M, McGue, M., & Iacono, W.G. (2015, June). A cross-lagged panel analysis of the associations between aggressive undercontrol and alcohol use disorder from adolescence to young adulthood. Paper presented at the Association for Research in Personality 4<sup>th</sup> Biennial Convention, St. Louis, MO.

**Samek, D.R.**, Hicks, B.M., Keyes, M.A., Iacono, W.G., & McGue, M. (2015, August). A developmental analysis of gene-environment interplay: Peers and externalizing disorders. Poster presented at the American Psychological Association (Division 7: Developmental Psychology), Toronto, Ontario, Canada.

**Samek, D.R.**, Rueter, M.A., Keyes, M.A., McGue, M., & Iacono, W.G. (2015, November). Parent involvement, sibling companionship, and adolescent substance use. Paper (to be) presented at the National Council on Family Relations 2015 Annual Conference, Vancouver, British Columbia (Canada).

*Goodman, R., Samek, D.R.*, (2015, November). Parent support, peer victimization, and adolescent academic engagement. Paper (to be) presented at the National Council on Family Relations 2015 Annual Conference, Vancouver, British Columbia (Canada).

*\*italics indicate graduate student author\**

### 2014

Hamilton, E.R., **Samek, D.R.**, Keyes, M., & McGue, M. (2014, April). Identity development in a transracial environment: Racial/ethnic minority adjustment in Minnesota. Poster presented at the New World of Adoption: Helping Families Overcome Early Adversity Conference, University of Massachusetts, Amherst, MA.

Marceau, K., **Samek, D.R.**, Kirkpatrick, R., Keyes, M., Irons, D., Miller, M., Iacono, W.G., & McGue, M. (2014, June). Do genes related to cortisol contribute to externalizing and substance use? Poster presented at the Behavior Genetics Association 44<sup>th</sup> Annual Meeting, Charlottesville, Virginia.

**Samek, D.R.**, McGue, M., Keyes, M.A., & Iacono, W.G. (2014, November). Sibling facilitation of alcohol use in late adolescence. Paper presented at the National Council on Family Relations 2014 Annual Conference, Baltimore, MD.

### 2013

**Samek, D.R.**, Iacono, W. G, Keyes, M., Epstein, M., Hill, K.G., & McGue, M. (2013, April). General and specific predictors of risky sexual behavior in early adulthood. Paper presented at the Society for Research on Child Development 2013 Biennial Meeting, Seattle, WA.

**Samek, D.R.**, Hicks, B.M., Keyes, M., Bailey, J., McGue, M. & Iacono, W.G. (2013, June). Gene-environment interplay between parent-child relationship quality and externalizing disorders in adolescence and young adulthood. Paper presented at the Behavior Genetics Association 43<sup>rd</sup> Annual Meeting, Marseilles, France.

### 2012

**Samek, D.R.**, Rueter, M.A., Keyes, M.A., Iacono, W.G., & McGue, M. (2012, June). Family involvement and adolescent alcohol use: Potential sources of shared environmental influence. Poster presented at the Behavior Genetics Association 42<sup>nd</sup> Annual Meeting, Edinburgh, UK.

### 2011

McGue, M., Miller, M. B., Basu, S., Eskin, E., Hicks, B. M., Irons, D. E., Keyes, M.A., Legrand, L.S, Malone, S. M., Oetting, W. S., **Samek, D.**, Schork, N. J., Sul, J. H., Vrieze, S. & Iacono, W.G.. (2011, March). A Genome-Wide Association Study (GWAS) of Behavioral Disinhibition. Paper presented at the Behavior Genetics Association's 41<sup>st</sup> Annual Meeting, New Port, RI.

Miller, M. B., McGue, M., Basu, S., Li, X., Keyes, M.A., Hicks, B.M., **Samek, D.**, Malone, S., & Iacono, W.G. (2011, March). GEDI GxE GWAS: Methods for Detecting Genotype-by-Environment Effects in Full Genome Scans. Paper presented at the Behavior Genetics Association's 41<sup>st</sup> Annual Meeting, New Port, RI.

Prom-Wormley, E., Eaves, L. J., Neale, M. C., Kendler, K. S., Silberg, J. L., Dick, D., Miles, D., Murrelle, E. L., Rhee, S., Corley, R. Hewitt, J., Young, S., McGue, M., Iacono, B. Legrand, L., **Samek, D.**, Thomis, M., Beunen, G. P., Boomsma, D., Bartels, M., Vink, J., Kaprio, J., Rose, R. Lichtenstein, P., White, V., Martin, N. G., Maes, H. M. (2011, April). Addressing gender differences in the genetic and environmental contributions to smoking during adolescence. Paper presented at the Society of Behavioral Medicine Annual Meeting, New Orleans, LA.

### 2010

**Samek, D.R.**, & Rueter, M.A. (2010, November). Closeness and modeling: A theoretical

model of parallel processes. Paper presented at the Annual meeting of the National Council on Family Relations 2010 Annual Conference, Theory Construction and Research Methodology Workshop, Minneapolis, MN.

## 2009

**Samek, D.R.**, & Rueter, M.A. (2009, April). The association between sibling closeness perceptions, observed family communication patterns, and adoptive status. Poster presented at the 2009 Biennial meeting of the Society for Research on Child Development, Denver, CO.

## RESEARCH SUPPORT & GRANTSMANSHIP

### Current Funding

**Samek, D.R.**, *College Experiences Leading to Alcohol and Cannabis Use Disorder Onset, Persistence, and Desistence: A Longitudinal Study*. Alabama Agricultural Experiment Station, Young Investigator Research Support Award, 2015-2017 (\$50,000 direct costs).

### Applications under Revision

**Samek, D.R.** (consultants: Hicks, B., McGue, M., & Iacono, W.G.) *Persistence of Alcohol Use Disorders: Person and Environment Effects*. National Institutes on Alcohol Abuse and Alcoholism, R03 mechanism, 2016-2018 (\$100,000 direct costs).

Submitted October, 2014

\**impact score = 43* (to be revised and resubmitted Fall, 2015)

## TEACHING EXPERIENCE

### **Assistant Professor**

Department of Human Development and Family Studies, Auburn University, Auburn, AL  
2014-present

### **Graduate Courses** taught (or to be taught):

- *HDFS 7010: Child and Adolescent Development in Context* (3 credits)  
Spring, 2016
  - Developed syllabus and course materials on the topic of child and adolescent development, facilitate graduate student learning (active reading, discussion, critical review of theory, methods, key research findings)
  - Students will be evaluated on weekly critical essays, a semester-long literature review paper, and participation/discussion

### **Undergraduate courses** taught (or to be taught):

- *HDFS 3030: Adolescent and Adult Development in the Family* (3 credits)  
Spring, 2015 (41 students)  
Fall, 2015 (48 students)
  - Developed syllabus and course materials on the topic of adolescent and young adult development, facilitated class instruction (e.g., lecture, active learning assignments, discussions)
  - Students evaluated on unit quizzes (multiple choice, short answer essay), in-class assignments, reading assignments, and a final research paper
- *HDFS 4980: Undergraduate Research and Study*  
Fall, 2015 (2 students)
  - Supervised students in my research lab (College Experiences Study)

- Students evaluated on weekly task completion (participation location, recruitment, compensation reports), attendance to lab meetings, journal entries, and summarizing and leading research article discussions

### **Adjunct Professor**

Department of Psychology, St. Catherine University, St. Paul, MN  
2013-2014

#### **Undergraduate courses taught:**

- *PSYC 2025: Lifespan Developmental Psychology* (4 credits), Fall 2013 (28 students)
  - Developed syllabus and course materials on the topic of developmental psychology, facilitated class instruction (lecture, active learning assignments).
  - Students evaluated on class discussion, exams (multiple choice, short answer, essay), a semester long paper assignment, and presentations.
- *PSYC 1001: General Psychology* (4 credits), Spring 2014 (22 students)
  - Developed syllabus and course materials on into to contemporary scientific psychology, facilitated class instruction (lecture, active learning assignments).
  - Students evaluated on in-class assignments, participation, unit quizzes, and lab reports.

Department of Family Social Science, University of Minnesota, Minneapolis-St. Paul, MN  
2011-2011

#### **Undergraduate courses taught:**

- *FSoS 4150: Sibling Relationships* (1 credit), Summer 2011 (23 students)
  - Developed and taught intensive 2-day course covering major themes relevant to understanding sibling relationship dynamics throughout the life-course. A variety of topics covered, e.g., mental health, cultural variations, siblings of individuals with disabilities, genetics, divorce, substance use.
  - Students evaluated on class discussion, giving and evaluating group presentations, completing a take-home, essay-based exam.

### **Teaching Assistant**

Teaching assistantships obtained at departments of Family Social Science (FSoS) and Sociology (SOC), University of Minnesota, Minneapolis-St. Paul, MN

#### **Undergraduate courses taught:**

- *FSoS 2105: Research Methods* (~80 students both semesters), 2009 – 2010
  - Created worksheets for research methods exercises, grading, occasional lecturing, tutored students in office hours
- *SOC 3811: Basic Social Statistics*, 2006
  - Teach labs/discussion groups of 20-30 people 1x/week, created worksheets for statistic exercises, grading, tutored students in office hours
- *SOC 1001: Introduction to Sociology*, 2005
  - Teach labs/discussion groups of 20-30 people 1x/week, grading, mentored student writing, tutored students in office hours
  - Awarded Outstanding Undergraduate Teaching Assistant Award, University of Minnesota, Department of Sociology, 2006

### **Invited Guest Lectures**

- Samek, D.R. (2012, December). A brief introduction to behavior genetics: Methods and statistics. *FSoS 8014: Quantitative Research Methods II*, Prof: Martha Rueter.
- Samek, D.R. (2011, December). Correlated family error: Violation of the independence assumption and examples on how to deal with it. *FSoS 8014: Quantitative Research Methods II*, Prof: Martha Rueter.
- Samek, D.R. (2011, April). Using quantitative analyses in family research: An example on sibling relationships. *FSoS 2105: Research Methods*, Prof: Martha Rueter.
- Samek, D.R. (2011, April; 2011, December). Sibling relationships. *FSoS 4104W: Family Psychology*, Instructor: Lynn Von Korff.
- Samek, D.R. (2010, November). Reporting results and discussion. *FSoS 2105: Research Methods*, Prof: Martha Rueter.
- Samek, D.R. (2009, April, 2010, April). Longitudinal research methods. *FSoS 2105: Research Methods*, Prof: Martha Rueter.
- Samek, D.R. (2008, 2010 December). Quantitative methods in family research. *FSoS 2105: Research Methods*, Prof: Martha Rueter.

### **ACADEMIC HONORS & AWARDS**

- Awarded the Best Student/New Professional Paper by the Families and Health Section of the National Council of Family Relations (paper title: *Parent involvement, sibling companionship, and adolescent substance use: A longitudinal, genetically-informed design*) 2015
- Selected to participate in the competitive Fragile Families Summer Data Workshop 2015 (Columbia University) 2015
- Fellowship recipient of National Institutes of Mental Health Neurobehavioral Aspects of Personality and Psychopathology Training Grant (MH017069) (\$39,264 stipend + \$2,000 travel; \$41,264 total) 2012-13
- Recipient of departmental dissertation funding (McFarland Award) (\$12,089 stipend + tuition waiver; ~\$14,000 total) 2011-12
- Recipient of three departmental fellowships (Waller Awards) (\$5,000 each year; \$15,000 total) 2009-11
- Outstanding Undergraduate Teaching Assistant Award, University of Minnesota, Department of Sociology 2006

### **PROFFESIONAL MEMBERSHIPS**

- American Psychological Association, Division 7: Developmental Psychology
- Behavior Genetics Association
- National Council on Family Relations
- Society for Prevention Research
- Society for Research on Adolescence
- Society for Research on Child and Adolescent Development

### **AD HOC REVIEWER**

- Addictive Behaviors
- Addiction Research & Theory
- Child Development

- Communication Research
- Developmental Psychology
- Development and Psychopathology
- Journal of the American Medical Association, Psychiatry
- Journal of Child and Adolescent Psychopharmacology
- Journal of Family Theory & Review
- Journal of Marriage and Family
- Journal of Research on Adolescence
- Personality and Individual Differences

#### **OTHER PROFESSIONAL SERVICE**

- Abstract Reviewer, National Council on Family Relations, 2014, 2015
- Abstract Reviewer, Society for Research on Adolescence, 2015
- Abstract Reviewer, Society for Research on Child and Adolescent Development, 2014