

DAVID M. LYDON-STALEY

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Education

The Pennsylvania State University

Ph.D. Human Development & Family Studies

2017 (anticipated)

Advisor: Dr. Charles Geier

M.S. Human Development & Family Studies

May 2014

Advisor: Dr. Charles Geier

Thesis: "The perceived causal structure of cigarette addiction among a sample of late adolescent smokers and non-smokers: a network comparison study."

Trinity College Dublin, Ireland

B.A. (Honors) Psychology & English Literature

May 2011

Advisor: Dr. Elizabeth Nixon

Thesis: "The use of embodied simulation strategies during an emotion recognition task in children, adolescents, and adults."

Research Positions

Developmental Cognitive Neuroscience and Addiction Lab, The Pennsylvania State University

Research Assistant

2012 – present

PI: Dr. Charles Geier

Prevention Research Center & Methodology Center, The Pennsylvania State University

Prevention & Methodology Pre-doctoral Trainee

2014 – 2016

Mentors: Dr. Lisa Gatzke-Kopp; Dr. Charles Geier; Dr. Nilam Ram

Family P.O.W.E.R. (PrOcess & Well-being Enrichment Research) Lab, The Pennsylvania State University

Research Assistant

Summer 2015

PI: Dr. Gregory Fosco

Child Brain Development Lab, The Pennsylvania State University

Research Assistant

Summer 2014

PI: Dr. Lisa Gatzke-Kopp

Biomedical Diagnostics Institute, Dublin City University, Ireland

Diamond (Diagnostics for Monitoring Diseases) Summer Scholar

Summer 2010

PI: Dr. Pamela Gallagher

Publications

Peer-reviewed journal articles

- Lydon-Staley, D.M.**, Cleveland, H.H., Huhn, A.S., Cleveland, M.J., Harris, J., Stankoski, D., Deneke, E., Meyer, R.E., & Bunce, S.C. (in press). Daily sleep quality affects craving, partially through indirect associations with positive affect, in patients in treatment for nonmedical use of prescription drugs. *Addictive Behaviors*. doi: 10.1016/j.addbeh.2016.08.026
- Lydon, D.M.**, Howard, M., Wilson, S.J., & Geier, C.F. (2016). The perceived causal structures of smoking: Smoker and non-smoker comparisons. *Journal of Health Psychology, 21*, 2042-2051.
- Lydon, D.M.**, Ram, N., Conroy, D.E., Pincus, A.L., Geier, C.F., & Maggs, J.L. (2016). The within-person association between alcohol use and sleep duration and quality in situ: An experience sampling study. *Addictive Behaviors, 61*, 68-73.
- Huhn, A.S., Harris, J., Cleveland, H.H., **Lydon, D.M.**, Stankoski, D., Cleveland, M.J., Deneke, E., & Bunce, S.C. (2016). Ecological momentary assessment of affect and craving in patients in treatment for prescription opioid dependence. *Brain Research Bulletin, 123*, 94-101.
- Lydon, D.M.**, Roberts, N.J., & Geier, C.F. (2015). Reduced influence of monetary incentives on inhibitory control as a function of smoking abstinence. *Nicotine & Tobacco Research, 17*, 1178-1181.
- Lydon, D.M.**, Wilson, S.J., Child, A., & Geier, C.F. (2014). Adolescent brain maturation and smoking: What we know and where we're headed. *Neuroscience & Biobehavioral Reviews, 45*, 323-342.
- Lydon, D.M.**, & Nixon, E. (2014). Facial mimicry interference affects reaction time but not accuracy in an emotion recognition task in children, adolescents and adults. *The Irish Journal of Psychology, 35*, 106-120.

Book chapters

- Lydon, D.M.**, Galvan, A., & Geier, C.F. (2015). Adolescence and addiction: Vulnerability, opportunity, and the role of brain development. S.J. Wilson (Ed.), *The Wiley-Blackwell Handbook on the Cognitive Neuroscience of Addiction*. Chichester, UK: John Wiley & Sons, Ltd.

Manuscripts under review

- Lydon-Staley, D.M.**, & Geier, C.F. (under revision). Age-varying associations between daily cigarette-smoking, sensation-seeking, and impulse control through adolescence and young adulthood.
- Geier, C.F., Roberts, N., & **Lydon-Staley, D.M.** (under review). The effects of smoking abstinence on incentivized working memory.
- Roberts, N.J., Geier, C.F., & **Lydon-Staley, D.M.** (under review). Incentive effects on visual spatial working memory.
- Yang, X., Ram, N., Gest, S.D., & **Lydon-Staley, D.M.**, Conroy, D.E., Pincus, A.L., & Molenaar, P.M.C. (under review). Individuals as dynamic networks that change: Merging intraindividual variability, network analysis, and experience sampling.

Manuscripts in preparation

- Lydon-Staley, D.M.**, Xia, M., & Fosco, G.M. (in prep). Daily affective dynamics provide insight into affect regulation above trait measures: Affect network density and associations with symptoms of psychopathology in adolescents.
- Lydon-Staley, D.M.**, Ram, N., Geier, C.F., & Gatzke-Kopp, L.M. (in prep). Differences in children's cost discounting are associated with exposure to maternal smoking during pregnancy.

Conference Presentations

*First author is presenting author

- Lydon-Staley, D.M.**, Luna, B., & Geier, C.F. (September, 2016). Age varying associations between daily cigarette-smoking, sensation-seeking, and impulse control through adolescence and young adulthood. Poster presented at *Flux: The International Congress of Integrative Developmental Cognitive Neuroscience*.
- Lydon, D.M.**, Ram, N., Geier, C.F., & Gatzke-Kopp, L. (July, 2016). Individual differences in cost discounting: Associations with prenatal nicotine exposure. Poster presented at the *International Society for the Study of Behavioral Development*.
- Yang, X., **Lydon, D.M.**, & Ram, N. (May, 2016). Individuals as dynamic networks: A merging of intraindividual variability, network analysis, and experience sampling. Paper presented at *Modern Modeling Methods*.
- Lydon, D.M.**, Ram, N., Geier, C.F., & Gatzke-Kopp, L. (September, 2015). Differences in children's cost discounting are associated with exposure to prenatal smoking. Poster presented at *Flux: The International Congress of Integrative Developmental Cognitive Neuroscience*.
- White, R., Roberts, N.J., **Lydon, D.M.**, Lo, L.L., Luna, B., & Geier, C.F. (September, 2015). Development of reward and cognitive control connectivity using Group Iterative Multiple Model Estimation. Poster presented at *Flux: The International Congress of Integrative Developmental Cognitive Neuroscience*.
- Lydon, D.M.**, Ram, N., Geier, C.F., & Gatzke-Kopp, L. (September, 2015). Differences in children's cost discounting are associated with exposure to prenatal smoking. Poster presented at the *Society for Research in Child Development*.
- Lydon, D.M.**, Ram, N., Maggs, J.L., Conroy, D.E., Pincus, A.E., & Geier, C.F. (August, 2015). Sleep quality is reduced after alcohol use: an intensive look at everyday life. Poster presented at the *American Psychological Association*.
- Geier, C.F., **Lydon, D.M.**, Lo, L., Roberts, N., & Luna, B. (September, 2014). The influence of incentives on cognitive control during adolescence. Poster presented at the *International Congress of Integrative Developmental Cognitive Neuroscience*.
- Lydon, D.M.**, Roberts, N., & Geier, C.F. (September, 2014). Integrating smoking beliefs into a neurobiological model of smoking-related decision-making. Poster presented at *The International Congress of Integrative Developmental Cognitive Neuroscience*.
- Roberts, N., **Lydon, D.M.**, & Geier, C.F. (September, 2014). Incentive effects on visual spatial working memory. Poster presented at *The International Congress of Integrative Developmental Cognitive Neuroscience*.
- Lydon, D.M.** & Geier, C.F. (August, 2014). The perceived causal structure of cigarette addiction among a sample of late adolescent smokers and non-smokers. Poster presented at the *American Psychological Association Convention*.
- Lydon, D.M.**, Child, A., Beahm, J., & Geier, C.F. (November, 2013). A novel mixed anti- and visually guided saccade task to assess incentive effects on inhibitory control. Poster presented at *The Society for Neuroscience* annual meeting.
- Lydon, D.M.**, Child, A., Beahm, J., & Geier, C.F. (September, 2013). Incentive effects on inhibitory control across developmental and cigarette-smoking samples. Poster presented at *The International Congress for Integrative Developmental Cognitive Neuroscience*.

Interdisciplinary Work

- Ram, N., Schulkowsky, R., Baron, J., Thayer, J., Benson, L., **Lydon, D.M.**, & Coccia, M. (June 2015). *Banging Out the Data: Meaning Making Through Silence & Sound*. Invited workshop at the Graduate Women in Science National Conference, State College, PA.
- Ram, N., Ng, C., Coccia, M., Kenney, M., **Lydon, D.M.**, & Orland, B. (June 2013). *Sans-Axis*. Data Visualization Exhibition, Borland Gallery, State College, PA. <http://playingthearchive.com>
- Lydon, D.M.**, Kenney, M., Orland, B., & Ram, N. (September – December 2013). *Penn State Graduate Student Sci-Art Collaboration*. Workshop and Gallery Exhibition, Borland Gallery, State College, PA.
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Awards & Fellowships

Steven H. Zarit Award for Outstanding Graduate Studies, Penn State	2016
International Society for the Study of Behavioral Development Mentored Fellowship	2015
NIDA/NIAAA-sponsored APA Early Career Poster & Travel Award	2015
Global Programs Graduate Travel Grant, Penn State	2015
NIDA/NIAAA-sponsored APA Early Career Poster & Travel Award	2014
Prevention & Methodology Fellowship, National Institute on Drug Abuse	2014
Graham Fellowship, Penn State	2012
Hintz Fellowship, Penn State	2012
Composition Prize, Trinity College Dublin, Ireland	2008
Donogh O'Malley Scholarship, Department of Education & Skills, Ireland	2007 – 2011
Entrance Exhibition Award, Trinity College Dublin, Ireland	2007

Teaching Experience

The College of Health & Human Development, The Pennsylvania State University

Teaching Assistant 2012 – 2014

Classes:	HDFS 129:	Introduction to Human Development and Family Studies
	HDFS 229:	Infant and Child Development
	HDFS 239:	Adolescent Development
	HDFS 315:	Family Development
	HDFS 432:	Developmental Problems in Childhood and Adolescence
	HDFS 495:	Internship Experience

Guest Lectures

HDFS 239: Adolescent Development	Spring 2016
“Cognitive Development and Risk-Taking”	
HDFS 129: Introduction to Human Development and Family Studies	Summer 2015
“Brain Development and Implications for Adolescent Risk-Taking”	
HDFS 239: Adolescent Development	Summer 2015
“Adolescent Decision-Making and Substance Use”	
HDFS 239: Adolescent Development	Spring 2015
“Cognition: Piaget and the Brain”	

The Center for Talented Youth, Dublin City University, Ireland

Teaching Assistant

Summer 2011

Classes: Behavioral Psychology
Social Psychology

Workshops Attended

Longitudinal Data Analysis: Applications in Mplus. July 2016. International Society for the Study of Behavioral Development Pre-conference, Vilnius, Lithuania.

AFNI (Analysis of Functional NeuroImages) Bootcamp. October 2015. National Institutes of Health, Maryland.

LIFE (The Life Course: Evolutionary and Ontogenetic Dynamics) Academy. October 2015. Marbach Castle, Germany.

a2ru (Alliance for the Arts in Research Universities) Emerging Creatives. January 2014. Stanford University, California.

Professional Activities

Ad hoc Journal Reviewing

Addictive Behaviors

Developmental Psychology (with advisor)

Journal of Health Psychology

Professional Memberships

American Psychological Association

Flux: The International Society for Integrative Developmental Cognitive Neuroscience

International Society for the Study of Behavioral Development

Service

Penn State LGBTQ Safe Zone Program Volunteer	2014- present
Penn State Human Development & Family Studies Steering Committee Admissions Chair	2015
Penn State Human Development & Family Studies Graduate Steering Committee Chair	2014
Penn State Human Development & Family Studies Steering Committee Newsletter Chair	2013
Trinity College Dublin Student Psychology Journal Co-Founder and Assistant Editor	2010

References

Charles Geier, Ph.D., The Pennsylvania State University	cfg2@psu.edu	(814) 865-1728
Nilam Ram, Ph.D., The Pennsylvania State University	nur5@psu.edu	(814) 865-7038
Gregory Fosco, Ph.D., The Pennsylvania State University	gmf19@psu.edu	(814) 865-5622