

NATASHA DUELL, Ph.D.

Frank Porter Graham Child Development Institute,
formerly Center for Developmental Science
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CURRENT POSITION

August 2018 **Postdoctoral Fellow** (Kirschstein-NRSA T32),
Frank Porter Graham Child Development Institute
(formerly Center for Developmental Science)—UNC Chapel Hill
Mentors: Drs. Eva Telzer and Mitch Prinstein

EDUCATION

2018 **Temple University**
Ph.D. in Developmental Psychology
Advisor: Dr. Laurence Steinberg
Dissertation title: Positive Risk Taking in Adolescence

2011 **University of California, Irvine**
B.A. in Psychology and Social Behavior – *Magna Cum Laude*

GRANTS

1/20 – 6/21 Jacobs Foundation Young Scholars Grant (Co-PI)
Effects of Feedback Sensitivity and Emotion Regulation on Learning and School Performance in Adolescents from Multiple Countries
Award amount: 80,000 CHF

PUBLICATIONS (ALL)

Duell, N., Clayton, M. G., Telzer, E. H., & Prinstein, M. J. (in press). Measuring peer influence susceptibility to alcohol use: Convergent and predictive validity of a new analogue assessment. *International Journal of Behavioral Development*.

Kwon, S-J., Turpyn, C. C., **Duell, N.**, & Telzer, E. H. (2020). Neural underpinnings of social contextual influences on adolescent risk taking. *Current Addiction Reports*. doi: 10.1007/s40429-020-00328-6.

Duell, N., & Steinberg, L. (2020). Differential correlates of positive and negative risk taking in adolescence. *Journal of Youth and Adolescence*, 49, 1162-1178. doi: 10.1007/s10964-020-01237-7

Duell, N., & Steinberg, L. (2019). Positive risk taking in adolescence. *Child Development Perspectives*, 13, 48-52. doi: 10.1111/cdep.12310

Icenogle, G., Steinberg, L., **Duell, N.**, Chein, J., Chang, L., Chaudhary, N., Di Giunta, L., Dodge, K. A., Fanti, K. A., Lansford, J. E., Oburu, P., Pastorelli, C., Skinner, A. T., Sorbring, E., Tapanya, S., Uribe Tirado, L. M., Alampay, L. P., Al-Hassan, S. M., Takash, H. M. S., & Bacchini, D. (2019). Adolescents' cognitive capacity reaches adult levels prior to their psychosocial maturity: Evidence for a "maturity gap" in a multinational sample. *Law and Human Behavior*, *43*, 69-85. doi: 10.1037/lhb0000315

Scott, E. S., **Duell, N.**, & Steinberg, L. (2018). Brain development, social context and justice policy. *Washington University Journal of Law and Policy*, *57*, 13-74.

Duell, N., Icenogle, G., Silva, K., Steinberg, L., Chein, J., Banich, M. T., Lei, C., Chaudhary, N., Di Giunta, L., Dodge, K. A., Fanti, K. A., Lansford, J. E., Oburu, P., Pastorelli, C., Skinner, A. T., Sorbring, E., Tapanya, S., Uribe Tirado, L. M., Alampay, L. P., Al-Hassan, S. M., Takash, H. M. S., & Bacchini, D. (2018). A cross-sectional examination of response inhibition and working memory on the Stroop task. *Cognitive Development*, *47*, 19-31. doi: 10.1016/j.cogdev.2018.02.003

Duell, N., Steinberg, L., Icenogle, G., Chein, J., Chaudhary, N., Di Giunta, L., Dodge, K. A., Fanti, K. A., Lansford, J. E., Oburu, P., Pastorelli, C., Skinner, A. T., Sorbring, E., Tapanya, S., Uribe Tirado, L. M., Alampay, L. P., Al-Hassan, S. M., Takash, H. M. S., Bacchini, D., & Chang, L. (2018). Age patterns in risk taking across the world. *Journal of Youth and Adolescence*, *47*, 1052-1072 doi: 10.1007/s10964-017-0752-y

Duell, N., Steinberg, L., Chein, J., Al-Hassan, S. M., Bacchini, D., Chang, L., Chaudhary, N., Di Giunta, L., Dodge, K. A., Fanti, K. A., Lansford, J. E., Malone, P. S., Oburu, P., Pastorelli, C., Skinner, A. T., Sorbring, E., Tapanya, S., Uribe Tirado, L. M., & Alampay, L. P. (2016). Interaction of reward seeking and self-regulation in the prediction of risk taking: A cross-national test of the dual systems model. *Developmental Psychology*, *52*, 1593-1605. doi: 10.1037/dev0000152

Shulman, E. P., Smith, A. R., Silva, K., Icenogle, G., **Duell, N.**, Chein, J., & Steinberg, L. (2016). The dual systems model: Review, reappraisal, and reaffirmation. *Developmental Cognitive Neuroscience*, *17*, 103-117. doi: 10.1016/j.dcn.2015.12.010

Duell, N., Icenogle, G., & Steinberg, L. (2016). Adolescent decision making and risk taking. In L. Balter & C. S. Tamis-LeMonda (Eds.), *Child psychology: A handbook of contemporary issues* (3rd ed.). New York, NY: Psychology Press/Taylor & Francis.

CONFERENCE SYMPOSIA AND POSTERS

Duell, N., McCormick, E. M., Perino, M., & Telzer, E. (Accepted for March 2020). Risk taking and neural tracking of social threat in delinquent youth. Talk accepted for symposium entitled, "Exploring the Cognitive and Psychosocial Correlates of Delinquent Behavior among At-Risk Youth." Biennial Meeting of the Society for Research on Adolescence, San Diego, CA.¹

¹ This conference was canceled due to the COVID-19 pandemic

- Duell, N.,** van Hoorn, J., McCormick, E. M., & Telzer, E. (Accepted for March 2020). Hormonal and neural correlates of prosocial conformity in adolescents. Talk accepted for symposium entitled, “Embodied Cognition: Biological, Social and Affective Influences on Executive Functioning During Adolescence.” Biennial Meeting of the Society for Research on Adolescence, San Diego, CA. ¹
- Duell, N.,** Magis-Weinberg, L., & Pfeifer, J. (August 2019). Beyond the lab: translating developmental neuroscience. Organizing committee member for the translational science pre-conference workshop at the annual Flux Congress, New York, NY.
- Duell, N.,** van Hoorn, J., McCormick, E. & Telzer, E. (August 2019). Biological correlates of prosocial decision-making: A test of brain activation and the dual-hormone hypothesis. Poster presentation for annual Flux Congress, New York, NY.
- Duell, N.,** Chein, J., Olino, T., & Steinberg, L. (March 2019). Teens take good risks, too: An exploratory study of positive risk taking in adolescence. Presenter at symposium entitled, “Beyond Sex, Drugs, and Rock n’ Roll: Adaptive Functions of Adolescent Risk-Taking.” Biennial Meeting of the Society for Research in Child Development, Baltimore, MD.
- Simmons, C., Knowles, A., **Duell, N.,** Fine, A., Steinberg, L., Frick, P. J., & Cauffman, E. (March 2019). The impact of juvenile justice system involvement on adolescent well-being. Non-presenting author at symposium entitled, “Focus on the Positives: Examining Positive Developmental Outcomes with At-Risk Populations.” Biennial Meeting of the Society for Research in Child Development, Baltimore, MD.
- Giozzo, G., Di Giunta, L., Icenogle, G., **Duell, N.,** Steiner, L., Fiasconaro, I., Iselin, A-M., Lunetti, C., Pastorelli, C., Eisenberg, N., Lansford, J., Uribe Tirado, L., & Bacchini, D. (March 2019). “Cross-cultural links among executive functions, emotionality, emotion regulation, and effortful control in preadolescence.” Non-presenting author on poster. Biennial Meeting of the Society for Research in Child Development, Baltimore, MD.
- Duell, N.,** Icenogle, G., & Steinberg, L. (April 2018). “Age Patterns in Risk Taking Across the World.” Poster presentation for Biennial Meeting of the Society for Research on Adolescence, Minneapolis, MN.
- Duell, N.,** Icenogle, G., & Steinberg, L. (March 2016). A cross-cultural examination of the dual systems model of adolescent risk taking. Chair and presenter at symposium entitled, “Advances in the Dual Systems Model of Adolescent Risk Taking.” Biennial Meeting of the Society for Research on Adolescence, Baltimore, MD.
- Duell, N.,** Icenogle, G., Silva, K., Banich, M., Chein, J., & Steinberg, L. (March 2016). “Influence of Working Memory on Stroop Performance: A Developmental Examination.” Poster presented at Biennial Meeting of the Society for Research on Adolescence, Baltimore, MD.
- Duell, N.,** & Steinberg, L. (March 2015). “Predictors and Benefits of School Engagement in Adolescent Offenders.” Poster presented at Biennial Meeting of the Society for Research on Child Development, Philadelphia, PA.

MENTORED PRESENTATIONS

* Indicates undergraduate mentee

*Netschytailo, H. (July 2020). Adolescent externalizing behaviors: How socioeconomic environment, parents, and peers affect behavior. Oral presentation for the McNair Scholar's Program Virtual Research Symposium at the University of North Carolina at Chapel Hill.

*Culhane, A., Duell, N., & Telzer, E. H. (October 2019). Exploring racial/ethnic differences in the mediating effect of internalizing symptoms on parent-child relations and adolescent substance use. Poster presented at the annual meeting of the Society for Advancing Chicanos/Hispanics and Native American Science. Honolulu, Hawai'i.

RESEARCH AND TEACHING

Spring 2020 **Planning Committee Member**, *University of North Carolina at Chapel Hill*
Carolina Consortium on Human Development Proseminar Series: The Brain-Body Connection and Links to Mental and Physical Health Across the Lifespan
Instructor: Dr. Eva Telzer

2013-2018 **Research Assistant**, *Temple University*
Decision-Making in Everyday Life
Dr. Laurence Steinberg (PI)

Fall 2017 **Recitation Leader**, *Temple University*
Brain Matters (undergraduate course)
Instructor: Dr. Peter James

Summer 2016 **Primary Instructor**, *Temple University*
Capstone in Psychology: Adolescent Development

2015-16 **Teaching Assistant**, *Temple University*
Graduate Statistics in Psychology
Instructor: Dr. Andrew Karpinski

2011-12 **Research Assistant**, *University of California, Irvine*
miLife Study
Dr. Candice Odgers (PI)

2010-12 **Lab Manager; Research Assistant**, *University of California, Irvine*
Crossroads: Formal versus Informal Processing in the Juvenile Justice System
Dr. Elizabeth Cauffman (PI)

AWARDS AND FUNDING

2018 Young Scholar Award for the 2019 Jacobs Foundation Conference: "An agenda for research on child development and learning for the third decade of the 21st century."

2018 Temple University Doctoral Dissertation Completion Grant (Fellowship for Spring 2018)

- 2018 Temple University College of Liberal Arts Travel Award
 2016 Temple University College of Liberal Arts Travel Award

PROFESSIONAL SEMINARS AND STATISTICAL TRAINING

- 2020 Network Analysis Webinar, *University of North Carolina at Chapel Hill*
 2019 Saliva Biomarkers Workshop: Integrating Salivary Bioscience into Behavioral, Developmental & Health Science Research, *UNC Chapel Hill*
 2019 SafeZone LGBTQ+ Awareness and Ally Training, *UNC-Chapel Hill*
 2019 Promoting positive risk taking and well being in adolescents and young adults, informal workgroup hosted by *Hopelab, San Francisco*
 2018 The Adolescent Brain Workshop, *Neuroscience School of Advanced Studies*
 2014 Multivariate Statistics Graduate Course, *Temple University*
 2015 Hierarchical Linear Modeling Graduate Course, *Temple University*
 2016 Structural Equation Modeling Graduate Course, *Temple University*
 2016 Online Teaching Workshop, *Temple University Center for the Advancement of Teaching*
 2016 Mortimer D. Sackler, M.D Summer Institute on Law and Neuroscience, *Sackler Institute for Developmental Psychobiology, Weill Cornell Medical College*
 2015 Law and Neuroscience Symposium: “Court Involved Youth in the 21st Century: Empowerment vs. Protection,” *Juvenile Law Center*

SERVICE AND GUEST PRESENTATIONS

- November 2019 **Guest Speaker:** “Biological correlates of prosocial conformity: An exploration of the dual-hormone hypothesis and brain activation in adolescents,” *Duke Department of Developmental Psychology*
- February 2019 **Guest Speaker:** “Adolescent risk taking in context,” *Duke Center for Child and Family Policy*
- October 2018 **Invited Speaker:** “Adolescent risk taking: For better or for worse?” *UNC-Chapel Hill Department of Psychology and Neuroscience*
- August 2018 **Guest Lecturer:** “Peers and Friendship,” *UNC-Chapel Hill* undergraduate course in Adolescent Development (primary instructor: Dr. Eva Telzer)
- February 2018 **Guest Speaker:** “Age Patterns in Risk Taking Across the World,” *Rutgers University- Camden* brownbag series for Psychology MA students (primary instructor: Dr. Naomi Marmorstein)
- 2016-2017 **Co-Coordinator,** *Temple University Colloquium Committee*
- January 2017 **Guest Lecturer:** “The Adolescent Brain,” *General George A. McCall Elementary School*

AD-HOC REVIEWER

Cognition
Development and Psychopathology
Developmental Psychobiology
Developmental Psychology
Journal of Adolescence