

Sophie Jablansky

Doctoral Candidate
Department of Human Development and Quantitative Methodology
University of Maryland, College Park
3240 Benjamin Building, College Park, MD 20742
sjablans@umd.edu 914-263-4026
https://www.researchgate.net/profile/Sophie_Jablansky
orcid.org/0000-0003-1915-4221

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EDUCATION

PhD	Human Development and Quantitative Methodology University of Maryland, College Park <i>Specialization:</i> Educational Psychology <i>Advisor:</i> Dr. Patricia A. Alexander	Anticipated Spring 2020
MA	Measurement, Statistics, and Evaluation University of Maryland, College Park <i>Advisor:</i> Dr. Tracy Sweet	Conferred Spring 2018
BA	Psychology <i>Minor, Human Development</i> University of Maryland, College Park	Spring 2013

RESEARCH EXPERIENCE

Graduate Research Assistant	<i>University of Maryland, College Park</i> Principal Investigator: Dr. Kathryn Wentzel Investigate the mechanisms by which friendship and sociometric status affect individuals' cognitive and academic outcomes. Conduct meta-analyses, analyze structural models, and collaborate on grants.	September 2016-present
Doctoral Intern	<i>American Institutes for Research (AIR)</i> Worked on the National and International Assessments Teams. Assisted in planning a symposium for the 2015 American Education Research Association (AERA) conference, preparing and running the NAEP/NGSS Framework Comparison Study, and assembling a comprehensive calendar of national and international assessments.	June-August 2014

Laboratory Team Member	<i>Disciplined Reading and Learning Research Laboratory</i> 2013-present Director: Dr. Patricia Alexander Lead collaborative research projects in the areas of relational reasoning and problem-solving; design projects, collect and analyze data; write research articles; mentor undergraduate research assistants.
Undergraduate Research Assistant	<i>Disciplined Reading and Learning Research Laboratory</i> 2012-2013 Assisted with coding data, writing manuscripts, and running studies on undergraduate students.

SCHOLARLY ACHIEVEMENTS

Research Publications

- Wentzel, K. R., **Jablansky, S.**, & Scalise, N. R. (2020). Peer social acceptance and academic achievement: A meta-analytic study. *Journal of Educational Psychology*. Advance online publication. <https://doi.org/10.1037/edu0000468>
- Jablansky, S.**, Alexander, P. A., Dumas, D., Compton, V. (In press). The development of relational reasoning in primary and secondary school students: A longitudinal investigation in technology education. *International Journal of Technology and Design Education*.
- Alexander, P. A., & **The Disciplined Reading and Learning Research Laboratory**. (2019). Relational reasoning: The bedrock of integration within and across multiple representations, documents, and perspectives. In P. van Meter, A. List, P. Kendeou, & D. Lombardi (Eds.), *Handbook of Learning from Multiple Representations and Perspectives*. New York: Routledge.
- Wentzel, K., **Jablansky, S.**, & Scalise, N. (2018). Do friends afford academic benefits? A meta-analytic study. *Educational Psychology Review*, 30, 1241-1267. <https://doi.org/10.1007/s10648-018-9447-5>
- Alexander, P. A., Singer, L. M., **Jablansky, S.**, & Hattan, C. (2016). Relational reasoning in word and in figure. *Journal of Educational Psychology*, 108, 1140-1152.
- Alexander, P. A., **Jablansky, S.**, Singer, L., Dumas, D. (2016). Relational reasoning: What we know and why it matters. *Policy Insights from Behavioral and Brain Sciences*, 3, 36-44.
- Jablansky, S.**, Alexander, P. A., Dumas, D., & Compton, V. (2016). Developmental differences in relational reasoning among primary and secondary school students. *Journal of Educational Psychology*, 108, 592-608.

Dumas, D., Alexander, P. A., Baker, L. M, **Jablansky, S.**, & Dunbar, K. N. (2014). Evidencing relational reasoning in medical education: Reasoning patterns in discourse and diagnosis. *Journal of Educational Psychology*, 106, 1021-1035.

Under Review/In Preparation

Jablansky, S., & Alexander, P. A. (2018). *Positioning relational reasoning within group problem solving*. Manuscript submitted for publication.

Test Development (Copyrighted)

Alexander, P. A., & **The Disciplined Reading and Learning Research Laboratory** (2018). Test of Relational Reasoning-Junior (copyright pending). College Park, MD: University of Maryland.

Alexander, P. A., & **The Disciplined Reading and Learning Research Laboratory** (2014). Verbal Test of Relational Reasoning. College Park, MD: University of Maryland.

Invited Talks

Jablansky, S. (2017, May). *Multilevel modeling in hockey analytics: Predicting player points as a function of scoring chances, ice time, and position*. Paper presented at Ottawa Hockey Analytics Conference, Ottawa, ON.

National and International Research Presentations

Jablansky, S., Alexander, P.A., & Schmidt, L. (2020, April). Socially-shared regulation and relational reasoning in engineering design teams: A microgenetic approach. In A.C. Graesser (Chair), *Data Mining and Self-Regulated Learning: Aligning Constructs with Measurement*. Symposium conducted at the annual meeting of the American Educational Research Association, San Francisco, CA.

Jablansky, S., Alexander, P.A., & Schmidt, L. (2019, April). Finding patterns within patterning: Data mining of relational reasoning utterances in engineering design. In D.S. McNamara (Chair), *Educational data mining: Affordances and constraints in the analysis of behavior and performance in STEM*. Symposium conducted at the annual meeting of the American Educational Research Association, Toronto, ON.

Jablansky, S., Scalise, N., & Wentzel, K. (2019, April). *Social Acceptance and academic achievement: A meta-analytic study*. Paper accepted for presentation at the annual convention of the American Education Research Association, Toronto, ON.

Jablansky, S., Scalise, N., & Wentzel, K. (2019, March). *Social Acceptance and academic achievement: A meta-analytic study*. Paper accepted for presentation at the bi-annual meeting of the Society for Research in Child Development, Baltimore, MD.

- Jablansky, S.,** Scalise, N., & Wentzel, K. (2018, August). *Friendship and academic achievement: A meta-analysis*. Paper accepted for presentation at the annual convention of the American Psychological Association, San Francisco, CA.
- Jablansky, S.,** Scalise, N., & Wentzel, K. (2018, May). *Friendship and academic achievement: A meta-analysis*. Paper accepted for presentation at the annual convention of the Association for Psychological Science, San Francisco, CA.
- Jablansky, S.,** Alexander, P.A., & Schmidt, L. (2018, April). Relational reasoning in engineering teams: Establishing a baseline for instructional intervention. In T. Van Gog (Chair), *Teaching Critical Thinking: Assessing and Improving Students' and Teachers' Reasoning Skills*. Symposium conducted at the annual meeting of the American Educational Research Association, New York, NY.
- Alexander, P. A., & **Jablansky, S.** (2017, August). *The development of relational reasoning in children and youth*. Paper presented at the biennial meeting of the European Association for Research in Learning and Instruction, Tampere, Finland.
- Jablansky, S.,** Alexander, P.A. Eilam, B. Aharon, I. & Sun, Y. (2017, April). TORRjr: *Measuring relational reasoning in children and adolescents*. Paper accepted for presentation at the annual meeting of the American Educational Research Association, San Antonio, TX.
- Jablansky, S.,** Alexander, P. A., & Singer, L. (2016, April). *Examining the relational reasoning capabilities of elementary and middle-school students with learning needs*. Paper accepted for presentation at the American Education Research Association conference, Washington, D.C.
- Jablansky, S.,** Alexander, P. A., Compton, V. (2016, April). Relational Reasoning in Primary and Secondary School Students: A Developmental Analysis. In D. Dumas (Chair), *The malleability of relational reasoning*. Symposium conducted at the annual meeting of the American Educational Research Association, Washington, DC.
- Jablansky, S.,** Dumas, D., & Alexander, P. A. (2015, April). *Development of relational reasoning in primary and secondary school students*. Paper accepted for presentation at the American Education Research Association conference, Chicago, IL.
- List, A., **Jablansky, S.,** Alexander, P. A., & Glustoff, M. (2015, April). *Comparing the comprehension and evaluation of information presented via text and video*. Paper accepted for presentation at the American Education Research Association conference, Chicago, IL.
- Alexander, P. A., Singer, L. M., **Jablansky, S.,** & Hattan, C. (2015, April). *Relational reasoning in figure and word*. Paper accepted for presentation at the American Education Research Association conference, Chicago, IL.

List, A., **Jablansky, S.**, Hattan, C., & Alexander, P. A. (2014, August). *Relational reasoning in graphic, verbal, and multiple text tasks*. Paper presented at the 24th annual meeting of the Society for Text and Discourse, Chicago, IL.

Dumas, D., Alexander, P. A., Baker, L. M, **Jablansky, S.**, & Dunbar, K. N. (2014, April). *Evidencing relational reasoning in medical education: Reasoning patterns in discourse and diagnosis*. Paper to be presented at the annual meeting of the American Educational Research Association, Philadelphia.

University Presentations

Jablansky, S., Alexander, P. A., & Schmidt, L. (2019, December). *Relational reasoning and socially shared regulation of learning in collaborative problem solving*. Educational Psychology Colloquium, University of Maryland, College Park.

Jablansky, S., Alexander, P. A., & Schmidt, L. (2017, March). *Relational reasoning and innovation in mechanical engineering: An in vivo investigation*. Educational Psychology Colloquium, University of Maryland, College Park.

Jablansky, S., Dumas, D., & Alexander, P. A. (2015, April). *Development of relational reasoning in primary and secondary school students*. Paper presented at Graduate Research Interaction Day (GRID), University of Maryland, College Park.

Jablansky, S., Dumas, D., & Alexander, P. A. (2015, March). *Development of relational reasoning in primary and secondary school students*. Educational Psychology Colloquium, University of Maryland, College Park.

CONSULTING and WORKSHOPS

Statistical Consultant	<i>Baltimore City Preschool Development Grant Program</i> Primary statistician involved in analyzing data from a regression discontinuity design.	July 2018-March 2019
Assistant	<i>American Educational Research Association (AERA)</i> Assisted with planning and coordinating annual “How to Get Published Workshop.”	2016-2018
Consultant	<i>Pennsylvania State University</i> Organized and delivered workshop on methodologies for coding and analyzing reasoning in discourse.	February 2016

UNIVERSITY TEACHING EXPERIENCE

Instructor of Record	<i>University of Maryland, College Park</i> Research Methods in Human Development (EDHD306) Independently plan and teach lessons for one section of 45 undergraduate students in Fall, and two sections of 45 in Spring. Created syllabus, assignments, exams, and additional materials related to the course.	Fall 2015-Spring 2016
Teaching Assistant	<i>University of Maryland, College Park</i> Educational Psychology (EDHD460) Enrollment: 45 Assisted in teaching concepts of educational psychology, graded student tests and assignments, and addressed student concerns.	Spring 2015 Fall 2013, 2014
Teaching Assistant	<i>University of Maryland, College Park</i> Inside Creativity in the 21 st Century: Mind, Brain, Culture, and the Generation of Creative Concepts and Projects (EDHD231) Enrollment: 60 Assisted the instructor in creating syllabus, teaching concepts of creativity, grading assignments, and meeting with students.	Spring 2014

EDITORIAL and REVIEW EXPERIENCE

Editorial Assistant	<i>Contemporary Educational Psychology</i> Serve as aide to Patricia Alexander (senior editor), Barbara Greene, and Matt McCrudden (associate editors); correspond with authors and editors; assign manuscripts.	2014-2018
Ad Hoc Reviewer	<i>Contemporary Educational Psychology</i> <i>Review of Educational Research</i> <i>Educational Psychologist</i> <i>Journal of Cognitive Psychology</i> <i>Cognitive Development</i>	2014-present

PSYCHOMETRIC MODELS and PROGRAMMING

Models/Designs

1. *Meta-analysis*
2. *Multi-level modeling*
3. *Structural equation models*
4. *Factor analysis*
5. *Non-parametric analysis*
6. *Longitudinal data analysis*
7. *Social network analysis*
8. *Item response theory*

9. *Regression discontinuity design***Programs**

1. *R*
2. *SPSS*
3. *Comprehensive Meta-Analysis*

SUPERVISORY EXPERIENCE

Mentor *Disciplined Reading and Learning Research Laboratory* **Fall 2015-present**
 Mentor undergraduate research assistants in data collection and analysis. Read and discuss research articles.

HONORS and AWARDS

Charles H. Flatter Fellowship (\$2,000)	2019
Nominee for University of Maryland Graduate School Mabel S. Spencer Award	2019
International Conference Student Support Award	2019
Departmental Travel Award	2016-2019
Outstanding Graduate Assistant Award	2016
Nominee for University of Maryland Graduate School ALL-S.T.A.R. Fellowship	2016
Nominee for Best Poster at the American Education Research Association	2015
Jacob K. Goldhaber Travel Award	2014, 2019
University of Maryland Graduate School Dean's Fellowship	2013-2016

PROFESSIONAL SERVICE ACTIVITIES

Student Representative at Faculty Meetings	<i>Departmental Liaison</i> University of Maryland, Department of Human Development and Quantitative Methodology Attended all faculty meetings and voted on issues pertaining to the department.	2014-2017
Student Organizer	<i>Educational Psychology Colloquium</i> Organized speakers for departmental colloquium series, designed schedule, planned social outing for Educational Psychology students and faculty.	2016-2017
Student Judge	<i>GRAD: Graduate Research Appreciation Day</i> Review abstracts submitted to GRAD and judge graduate student research projects	April 2016
Treasurer	Assisted in creating and managing budget for all HDQM events.	2013-2014

PROFESSIONAL MEMBERSHIPS

American Educational Research Association (AERA), Division C
Association for Psychological Science (APS)
American Psychological Association (APA), Division 15
Interdisciplinary Network for Group Research (INGRoup)