

Joseph A. Blass

Curriculum Vitae

CONTACT INFORMATION

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EDUCATION

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| 2006-2010 | University of Chicago
B.A., Psychology with Honors
Advisor: Joshua Correll |
| 2013-Present | Northwestern University
Ph.D. Candidate, Cognitive Systems Division of the Department of
Electrical Engineering and Computer Science
J.D. Student, Pritzker School of Law (joint J.D./Ph.D. Program)
Advisor: Kenneth D. Forbus |

Peer-Reviewed Conference Papers

- Blass, J. A.** & Forbus, K. D. (2017). Analogical Chaining and Natural Language Instruction for Commonsense Reasoning. *Proceedings of the 31st AAAI Conference on Artificial Intelligence*, San Francisco, CA, February.
- Blass, J. A.** & Forbus, K. D. (2016). Modeling Commonsense Reasoning via Analogical Chaining: A Preliminary Report. *Proceedings of the 38th Annual Meeting of the Cognitive Science Society*, Philadelphia, PA, August.
- Blass, J. A.** & Forbus, K.D. (2015). Moral Decision-Making by Analogy: Generalizations vs. Exemplars. *Proceedings of the Twenty-Ninth AAAI Conference on Artificial Intelligence*. Austin, TX.
- Robertson, D., Noam, G., **Blass, J.** (2013). The Holistic Student Assessment (HSA): Establishing Norm-Referenced Measures to Identify Students Who Show Atypical Strengths or Struggles. *Proceedings of the 21st Annual Meeting of the Society for Prevention Research*. San Francisco, CA, USA.
- Ma, D. S., **Blass, J.**, Tipping, M., Correll, J., & Wittenbrink, B. (2009). Racial Bias in Shot Lethality: Moving Beyond Reaction Time and Accuracy. *American Psychological Association*. Toronto, Canada.

Peer-Reviewed Workshop Papers

- Blass, J.A.**, Rabkina, I., & Forbus, K.D. (2017). Towards a Domain-independent Method for Evaluating and Scoring Analogical Inferences. *Computational Analogy Workshop at the 25th International Conference on Case-Based Reasoning*. Trondheim, Norway.
- Blass, J. A.** & Forbus, K. D. Natural Language Instruction for Analogical Reasoning: An Initial Report. (2016). *Computational Analogy Workshop at the 24th International Conference on Case-Based Reasoning*. Atlanta, GA.
- Blass, J.A.** & Horswill, I. (2015). Implementing Injunctive Social Norms using Defeasible Reasoning. *Workshop on Social Believability, Proceedings of the Eleventh AAAI Conference on Artificial Intelligence and Interactive Digital Entertainment*. Santa Cruz, California.

Peer-Reviewed Abstracts and Other Publications and Presentations

- Spelke, E., & **Blass, J.** (2017). Intelligent Machines and Human Minds. *Behavioral and Brain Sciences*, 40, E277
- Blass, J.A. & Fitzgerald, T. The Computational Analogy Workshop at ICCBR-16. *AI Magazine*, Winter (2017): 91.
- Blass, J.A. (2016) Interactive Learning and Analogical Chaining for Moral and Commonsense Reasoning. *Doctoral Consortium, Thirtieth AAAI Conference on Artificial Intelligence*. Phoenix, Arizona.
- Blass, J.A. (2015) Interactively Learning Moral Norms by Analogy. *Doctoral Consortium, Twenty-Third International Conference on Case-Based Reasoning*, Frankfurt Am Main, Germany.
- Blass, J.A. (2015) Interactively Learning Moral Norms by Analogy. *Students of Cognitive Science Workshop, Third Conference on Advances in Cognitive Systems*. Atlanta, Georgia.

HONORS & AWARDS

2017, Fall	Dean's List, Northwestern University Pritzker School of Law
2017	Winner, ACM SIGAI Student Essay Contest on the Responsible Use of AI Technologies
2015	Third Place Award. Northwestern EECS Student Poster Fair
2014	Awarded Cognitive Science University Fellowship by Northwestern University
2010	Graduated Cum Laude (University of Chicago)
2009-2010	Dean's List
2009	PRISM Research Grant Recipient
2008-2009	Dean's List
2007-2008	Dean's List

PROFESSIONAL EXPERIENCE

2010-2011	Environment America/Environment Connecticut Environment America Fellow Duties included lobbying elected representatives, organizing public events, coordinating media events, and fundraising for an Environmental Non-Profit Organization.
2011-2013	Program in Education, Afterschool, and Resiliency (PEAR) Consultant Duties included preparing of written materials, including the drafting of a book; the design and implementation of youth socio-emotional assessments; data collection and statistical analyses; design and programming of analytical tools; and coordination of collaborative projects

TEACHING EXPERIENCE

2014-2016	Teaching Assistant Introduction to Cognitive Modeling Northwestern University
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STATISTICAL AND COMPUTER EXPERIENCE

Programming Languages: LISP; Python; C++; Java; Prolog; Logo. Proficient with SPSS

LANGUAGES

Native Speaker of English and French, Conversant in Spanish and Polish

REFERENCES

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