Nicholas Becker Curriculum Vitae

Contact Department of Cognitive Science Information Johns Hopkins University Website: nickbecker.net 3400 North Charles Street Baltimore, Maryland 21218 Education PhD, Cognitive Science 2014 - Present Johns Hopkins University, Baltimore, MD Primary Advisor: Paul Smolensky **BS. Computer Science and Linguistics** May 2014 Truman State University, Kirksville, MO Summa cum Laude, Minor in Cognitive Science Academic Honorable Mention, NSF Graduate Research Fellowship Program 2015 Honors and Linguistics Summer Institute Fellowship Recipient 2015 Linguistics Society of America **Awards** Truman State University Honors Scholar 2014 Disciplinary Honors in Computer Science, Truman State University 2014 Disciplinary Honors in Linguistics, Truman State University 2014 Nominated, Outstanding Senior in Computer Science, 2013 Department of Computer Science, Truman State University Outstanding Senior in Linguistics, 2013 Department of English and Linguistics, Truman State University Truman State University President's List (4.0 GPA) 2010 - 2014 Member, Phi Beta Kappa Inducted 2013 Boeing Company Scholarship Recipient 2011 Member, Scholarships in Math and Computer Science (SMACS) 2010 - 2011 (NSF-funded scholarship program at Truman State University) **Teaching Johns Hopkins University** Cognitive Development **Assistantships** Julia Yarmolinskaya Spring 2015 **Truman State University** Introduction to Linguistics Douglas Ball Fall 2013, Spring 2014 **Presentations** Becker, N. (2014). Constructing a control flow graph from TrAL code. Presentation at the 2014 Truman State University Student Research Conference. Becker, N. (2014). Whether, if, and that: Rethinking lexical categorization in English. Presentation at the Spring 2014 English and Linguistics Senior Seminar Conference, Truman State University. Extracurricular

Extracurricular Involvement **GSC Workshop**, Department of Cognitive Science, Johns Hopkins University 2014 Co-organizer of workshop: "Gradient Symbolic Computation: *The Continuous and Discrete in Sentence Processing.*"

Linguistics Internship, Truman State University

Assistant for Dr. Mary Shapiro's sabbatical project. Helped create content for website to help people with high-functioning autism and other social communication challenges improve their communicative skills.

2013

Monte Carlo Methods in Artificial Intelligence, Oregon State University 2013 One of approximately 20 students selected for participation in NSF-sponsored short course on modern AI techniques.

Stargazers Astronomy Club, Truman State University

2011 - 2014

Webmaster (Spring 2012, Fall 2013), Vice President (Fall 2012 - Spring 2013), President (Spring 2014). Hosted bi-monthly open houses at University Observatory for students and community.

Paul Smolensky

Akira Omaki

Programming and Markup Languages

Java, C#, C++, R Intermediate Python, LATEX, HTML/CSS, SQL, MATLAB Basic

Selected Graduate Coursework Spring 2015

Formal Methods: Neural Networks
Psycholinguistics

Syntax I Géraldine Legendre

Fall 2014

Advanced Statistical Methods

Formal Methods: Bayesian Inference

Semantics I

Jason Matterer

Colin Wilson

Kyle Rawlins