

Contact Information	Department of Cognitive Science Johns Hopkins University 3400 North Charles Street Baltimore, Maryland 21218	Website: nickbecker.net
Education	<p>PhD, Cognitive Science 2014 - Present Johns Hopkins University, Baltimore, MD Primary Advisor: Paul Smolensky</p> <p>BS, Computer Science and Linguistics May 2014 Truman State University, Kirksville, MO Summa Cum Laude, Minor in Cognitive Science</p>	
Academic Honors and Awards	<p>Honorable Mention, NSF Graduate Research Fellowship Program 2015</p> <p>Linguistics Summer Institute Fellowship Recipient 2015</p> <p>Linguistics Society of America</p> <p>Truman State University Honors Scholar 2014</p> <p>Disciplinary Honors in Computer Science, Truman State University 2014</p> <p>Disciplinary Honors in Linguistics, Truman State University 2014</p> <p>Nominated, Outstanding Senior in Computer Science, 2013</p> <p>Department of Computer Science, Truman State University</p> <p>Outstanding Senior in Linguistics, 2013</p> <p>Department of English and Linguistics, Truman State University</p> <p>Truman State University President's List (4.0 GPA) 2010 - 2014</p> <p>Member, Phi Beta Kappa Inducted 2013</p> <p>Boeing Company Scholarship Recipient 2011</p> <p>Member, Scholarships in Math and Computer Science (SMACS) 2010 - 2011</p> <p>(NSF-funded scholarship program at Truman State University)</p>	
Teaching Assistantships	<p>Johns Hopkins University</p> <p>Cognitive Neuroscience: Exploring the Living Brain Brenda Rapp Spring 2016</p> <p>Neural-Network Modeling of Language, Learning, and Cognition Pyeong Whan Cho Fall 2015</p> <p>Cognitive Development Julia Yarmolinskaya Spring 2015</p> <p>Truman State University</p> <p>Introduction to Linguistics Douglas Ball Fall 2013, Spring 2014</p>	
Presentations	<p>Becker, N. (2014). <i>Constructing a control flow graph from TrAL code</i>. Presentation at the 2014 Truman State University Student Research Conference.</p> <p>Becker, N. (2014). <i>Whether, if, and that: Rethinking lexical categorization in English</i>. Presentation at the Spring 2014 English and Linguistics Senior Seminar Conference, Truman State University.</p>	
Extracurricular Involvement	<p>GSC Workshop, Department of Cognitive Science, Johns Hopkins University 2014</p> <p>Co-organizer of workshop: "Gradient Symbolic Computation: <i>The Continuous and Discrete in Sentence Processing</i>."</p> <p>Linguistics Internship, Truman State University 2013</p> <p>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.</p>	

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.

Programming and Markup Languages

Java, C#, C++, Python, MATLAB
 R, \LaTeX , HTML/CSS, SQL

Intermediate
 Basic

Selected Graduate Coursework

Spring 2016

Mathematical Models of Language
 Phonology I

Kyle Rawlins
 Colin Wilson

Fall 2015

Developmental Cognitive Neuroscience
 Intro. to Machine Learning [Audit]

Barbara Landau
 Ilya Shpitser

Summer 2015

Linguistics Society of America Summer Institute, University of Chicago

4-Week Courses:

Introduction to Computational Linguistics
 Gradient Symbolic Computation¹

Sharon Goldwater
 Paul Smolensky, Matt Goldrick

2-Week Courses [Audit]:

Computational Psycholinguistics
 Constructionist Approaches
 Neuroscience of Language
 Linguistics as a Forensic Science
 Speech Technologies
 Computational Learning of Syntax

Roger Levy, Klinton Bicknell
 Adele Goldberg
 Ellen Lau
 Carole Chaski
 Karen Livescu
 Alexander Clark

Spring 2015

Foundations of Neural Network Theory
 Psycholinguistics
 Syntax I

Paul Smolensky
 Akira Omaki
 Géraldine Legendre

Fall 2014

Advanced Statistical Methods
 Bayesian Inference
 Semantics I

Jason Matterer
 Colin Wilson
 Kyle Rawlins

¹ Unofficial teaching assistant for this course