

EDUCATION	M.S. Computational Biology		2010 - 2011
	3.75 · Carnegie Mellon University(CMU) · Pittsburgh, PA		
	M.S. Mathematics Education		2007 - 2008
	3.97 · Hofstra University · Hempstead, NY		
	B.S. Interdisciplinary Science		2004 - 2007
	3.41 · Philosophy Minor · Rensselaer Polytechnic Institute (RPI) · Troy, NY		
RESEARCH	UPMC/Pitt		2012
	Laboratory of Neurocognitive Development · Dr. Beatriz Luna		
	<i>Support an array of neuroimaging and eye tracking studies in adolescent to adult participants</i>		
	· Model and visualize data with AFNI, FSL, Matlab, and R		
	· Use shell, coreutils, Perl, and Python to maintain processing pipelines		
	· Developed and support MySQL and web frontend to organize studies and participant data		
	CMU		2010 - 2011
	Dr. Kausik Chakrabarti · Dr. Michael Widom		
	<i>Used bioinformatics tools to elucidate microRNA-like structures in malaria</i>		
	· Wrote perl and shell scripts and used Bowtie to discover, produce, and visualize short read RNA coverage maps for areas of interests.		
	RPI		2007
	<i>Examined Raf Kinase Inhibitor Protein in the Extracellular signal Regulated Kinase pathway</i>		
	· Used Matlab to reconstruct equations		
	· Found the publication to be incorrect		
TECHNICAL	Languages Frameworks/Libraries Tools	Matlab · R · Perl · SQL · Shell · Python · C/C++ · Javascript · PHP · C# ggplot (R) · PsychTooblox (Matlab) · Mojolicious (Perl) · AngularJS · ASP.NET Linux/coreutils · vim · emacs · git	
CITATIONS	Marek S., Hwang K., Foran W., Hallquist M., Luna B. The Role of Network Organization and Integration in the Development of Cognitive Control. PLOS Biology. 2015. Submitted.		
	Padmanabhan A, Lynn A, Foran W, Luna B, O'Hearn K. Age related changes in striatal resting state functional connectivity in autism. Front Hum Neurosci. 2013.		
	Ordaz S., Foran W., Velanova K., Luna B. Longitudinal growth curves of brain function underlying cognitive control through adolescence. PNAS. 2012		
	Will Foran, Kausik Chakrabarti. "Developing an in silico pipeline for sequence analysis of small RNAs in human pathogens." Rustbelt RNA Meeting, Dayton, OH, 2011/10/21		
ACTIVITIES	Explorers Club of Pittsburgh · Flagstaff Ultimate · Running · Rugby · Soccer · Appalachian Trail '09		