Daniel B. Ehrlich

196 Crown Street, New Haven, CT 06510
(516) 330-5811, daniel.ehrlich@yale.edu

Education:

Yale University, Doctoral Student, Graduate School of Arts and Sciences
Interdepartmental Neuroscience Program

New York University, Bachelor of Arts, Gallatin School of Individualized Study;
Concentration in Quantitative Behavioral Economics and Applied Neuroscience
Graduated May 2013, Cumulative GPA: 3.795

Research Experience:

Yale School of Medicine (Decision Neuroscience Lab); Postgraduate Associate *Feb 2014 – Sep 2015*
- Assisted research on the neural mechanisms of decision-making
- Worked with clinical populations in experimental setting
- Performed neural and behavioral data analysis

New Jersey Institute of Technology (School of Management); Research Assistant *Apr 2012 – Aug 2012*
- Helped analyze and prepare finance related data set

Yale School of Medicine (Laboratory of Molecular Hermeneutics); Intern *May 2008 – Jun 2008*
- Assisted postdoctoral researchers in the area of intracellular calcium signaling

Other Work Experience:

Queens District Attorney's Office; Summer Undergraduate Intern *May 2012 - Sep 2012*
- Analyzed evidence, compiled case information and prepared materials for trial

Elizabeth Kase for County Court; Financial Director *May 2011 - Aug 2011*
- Designed and implemented a $100k financing plan for campaign

Parent Resource Center; Summer Program Teacher *June - July 2009 and 2010*
- Worked on programing and teaching for summer students

Private Math Tutor; *Sep 2007 - May 2009*
-Tutored students in Algebra, Geometry and basic Calculus Curriculum

Papers:

Ruderman L*., Ehrlich D.B*., Harpaz-Rotem I, Levy I., Uncertainty Intolerance over the Domain of Losses in Post Traumatic Stress Disorder. *Depression and Anxiety, 2016.*

Zhang Z, Fanning J, Ehrlich D.B., Chen W, Lee D, Levy I., Distributed neural representation of value, saliency, and category during anticipation of rewards and punishments. *Under Review*

*Both authors contributed equally to this work

Textbook Chapters:

Levy I, Ehrlich D.B., Neuroeconomics, Cambridge Handbook of Psychology and Economic Behavior 2nd Edition. Cambridge University Press. *In Press.*

Posters:

Ehrlich D.B., Zhang Z, Levy I, Linking Neural Patterns and Behavioral Models of Outcome Anticipation Through Representational Similarity Analysis. *Society for Neuroscience, 2015.*

Ruderman L, Ehrlich D.B., Harpaz-Rotem I, Levy I, Decision Making Under Uncertainty in Post-Traumatic Stress Disorder. *Society for Neuroeconomics, 2014.*

Ruderman L, Grubb, M.A., Tymula A, Ehrlich D.B., Glimcher P.W. and Levy I, The Neural Correlates of Decision-Making Under Uncertainty in Monetary Gains and Losses. *Society for Neuroscience, 2014.*

Awards:

- Gruber Science Fellowship (2015)
- Finalist World University Debate Championship in Berlin, Public Speaking (2013)
- Albert Gallatin Scholarship (2009)

Lab Skills

- Programming (MATLAB, Python, VBA,R)
- Machine Learning (Kernel Methods, Neural Networks, Manifold Learning)
- Stimulus Presentation Software (E-Prime, Psychtoolbox)
- Structural and Functional MRI analysis (RSA, VBM, DTI)
- Experience working with clinical populations

General Skills

- Skilled in both oral and written presentation
- Knowledgeable with financing and grant writing
- Comprehensive Internet and literature research skills
- Expertise with Photoshop and Microsoft Office Suite