

# BETTY E. KIM-VIECHNICKI

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## EDUCATION

University of Pennsylvania, 2010 - Present

**Ph.D. Candidate in Psychology**

**Master of Arts in Psychology, May 2011**

Thesis: *"Behavioral and eye-tracking evidence for an attribute-based reduction strategy in response to increasing number of options"*

Advisor: Joseph Kable, Ph.D.

University of Pennsylvania, 2006 – 2008

**Master of Social Work, Macro Practice**

Concentration: Macro Practice

University of California, Los Angeles, 2002 – 2006

Bachelor of Arts in Sociology with Honors

## RESEARCH COMPETENCIES

**Topics:** Decision Processes and Strategies; Neural

Processes of Decision-Making; Cognitive Effort;

Differential Patterns in Visual Attention; Self-Control;

Causes and Cognitive Processes of Boredom;

Personality and Individual Differences

**Methods:** Behavioral experiment design; eye-tracking data

collection and analysis; fMRI experiment design and

deployment; questionnaire/survey design and

deployment; longitudinal studies

**Statistics:** linear and multivariate regression; logistic

regression; mixed linear models; ANOVA; structural

equation modeling; growth models; factor analysis

**Tools:** Matlab; SPSS; FMRI Software Library (FSL);

SAS; Stata; Adobe Illustrator; E-Prime; Eyelink Data

Viewer

## EXPERIENCE

Kable Lab, University of Pennsylvania, Sept. 2010 – Present

**Graduate Researcher**

Project foci have included: decision-making strategies when the number of options increases and under time pressure; differential attention during preference reversals; individual differences in decision-making; applying laboratory findings on decision strategies to consumer settings; neural correlates of effort detection

Ruscio Lab, University of Pennsylvania, November 2013 - Present

**E-Prime Consultant**

Create script in E-Prime to capture and log input from a serial device for a behavioral/fMRI task

BY Consulting, LLC, October 2011 - Present

**Statistical Consultant for interim CEO Robert Yablunsky**

Explain basic statistics, multiple regression and ANOVA; advise on study design and statistical analyses

Positive Psychology Center, University of Pennsylvania, June 2008 – Aug. 2010

**Research Coordinator for Angela Duckworth, Ph.D.**

Managed teams of school administrators and research assistants in five schools across three different states to investigate non-cognitive factors that affect achievement; created and maintained large sample databases; conducted and interpreted statistical analyses using multiple regression and structural equation modeling

The Field Center for Children's Policy, Practice & Research, University of Pennsylvania, Aug. 2007 – May 2008

**Social Work Intern**

Collaborated with 4 faculty directors to discuss, strategize, and implement changes/improvements in the field of child welfare; wrote research/policy papers and newsletter articles on emerging child welfare issues; conducted needs assessment for a child advocacy center in Montgomery County and presented findings and recommendations to the county's District Attorney and Director of Office of Children and Youth

The Penn Alexander School, Sept. 2006–May 2007

**Social Work Intern**

Provided supportive counseling for behavioral and adjustment issues to students ranging from kindergarten to eighth grade; organized and managed a support group for 5<sup>th</sup> grade girls on transitioning into junior high school; collaborated with parents and teachers to create home- and school-based intervention strategies to tackle students' behavioral issues

## PUBLICATIONS

- Kim-Viechnicki, B.E.,** Reggi, J., & Kable, J.W. Decision-making strategies when presented with increasing number of options and time constraint. *Manuscript in preparation*.
- Kim-Viechnicki, B.E.,** & Kable, J.W. Neural correlates of effort detection in decision-making. *Manuscript in preparation*.
- Kable, J.W., Duckworth, A.L., **Kim-Viechnicki, B.E.,** Senecal, N., & Drummond, C. Placing economic preference within the psychology of individual differences: The case for delay discounting. *Manuscript in preparation*.
- Tsukayama, E. Duckworth, A.L., & **Kim, B.E.** (2013). Development and validation of a domain-specific impulsivity scale for children. *Developmental Science*, 16(6), 879-893.
- Duckworth, A.L. & **Kim, B.E.**, Tsukayama, E.(2013). Negative life events impair self-control in adolescents. *Frontiers in Developmental Psychology*, 3(608), 1-12.
- Kim, B.E.,** Seligman, D., & Kable, J.W. (2012) Preference reversals in risky decision-making are accompanied by changes in attention to different attributes. *Frontiers in Decision Neuroscience*, 6(109).
- Tsukayama, E., Duckworth, A.L., & **Kim, B.E.** (2012) Resisting everything but temptation: Domain-specific and domain-general aspects of self-control. *European Journal of Personality*, 26, 318-334.

## PRESENTATIONS

- Kim-Viechnicki, B.E.,** & Kable, J.W. (2013, September). *Neural correlates of effort detection in decision-making*. Poster session at the annual meeting of the Society for Neuroeconomics, Lausanne, Switzerland.
- Kim-Viechnicki, B.E.,** Burla, Y., Feit, E., Plassmann, H., & Kable, J.W. (2013, September). *Decisions about chocolate are processed differently than decisions on gambles: Evidence from eye-tracking*. Poster session at the annual meeting of the Society of Neuroeconomics, Lausanne, Switzerland.
- Kim, B.E.** Reggi, J. & Kable, J.W. (2012, September). *Decision-making strategies when presented with increasing number of options and time constraint*. Poster session at the annual meeting of the Society for Neuroeconomics, Key Biscayne, FL.
- Kim, B.E.** & Kable, J.W. (2011, September). *Evidence for an attribute-based reduction strategy in response to increasing number of options*. Poster session at the annual meeting of the Society for Neuroeconomics, Evanston, IL.
- Tsukayama, E., Duckworth, A.L., & **Kim, B.E.** (2010, July). *Domain-specific impulsivity in children and adolescents*. Invited speaker for the International Symposium on Skill Formation in Childhood and Adolescence: Economic and Behavioral Perspectives, Freiburg, Germany.
- Tsukayama, E., Duckworth, A.L., & **Kim, B.E.** (2010, June). *Domain-specific impulsivity in middle school children*. Poster presentation at the Institute of Education Sciences (IES) Research Conference, National Harbor, MD.
- Kim, B.E.** & Duckworth, A.L. (2009, May). *Stressful life events impair self-control in school-aged children*. Poster session presented at the annual meeting of the American Psychological Society, San Francisco, CA.

## TEACHING

Introduction to Experimental Psychology, University of Pennsylvania, Spring 2012

**Teaching Assistant,** Instructor: Caroline Connolly

Led two weekly recitation sections of ~20 students; developed weekly lectures and activities on a broad range of psychology topics for non-psychology major students

Personality and Individual Differences, University of Pennsylvania, Fall 2011

**Teaching Assistant,** Instructor: Joseph Kable

Served as one of two TAs for 102 students; gave one guest lecture; assisted with creating course exams and exam grading

Introduction to Positive Psychology, University of Pennsylvania, Spring 2009

**Recitation Leader,** Instructor: Angela Duckworth

Led weekly recitation sections of ~20 students; developed lectures and activities for weekly recitations

Research Experience Course in Personality, University of Pennsylvania, Fall 2008

**Teaching Assistant,** Instructor: Angela Duckworth

Served as a TA for 10 students; gave one guest lecture on research design and basic statistics; taught students how to conduct descriptive statistics, correlations, and regression models in SPSS; provided support for writing research papers

## AWARDS, HONORS, AND RECOGNITION

Kavli Student Travel Award (\$500), Society for Neuroeconomics, 2013

Norman Anderson Graduate Research Fund (\$3,000), University of Pennsylvania, 2012

Benjamin Franklin Fellowship, University of Pennsylvania, 2010 – Present

Chancellor's Service Award, University of California, Los Angeles, 2006

Golden Key International Honor Society, University of California, Los Angeles

National Society for Collegiate Scholars, University of California, Los Angeles