

# John Emmanuel Kiat

## CURRICULUM VITAE

Updated August 14<sup>th</sup>, 2018

The University of Nebraska-Lincoln  
Department of Psychology, Burnett 34  
Lincoln, NE, 68503

Email: johnkiat@huskers.unl.edu  
Website: www.johnkiat.com

### EDUCATION

- 2018 Ph.D., Psychology, University of Nebraska-Lincoln (UNL).  
Areas of specialization: *Neuroscience & Behavior, Social & Cognitive*  
Additional concentration: *Quantitative Methods*. Advisor: Robert Belli
- 2013 M.A., Psychology. University of Nebraska-Lincoln (UNL)
- 2008 B.A., (1st Class), Psychology. HELP University (HUC)

### RESEARCH & PROFESSIONAL EXPERIENCE

- 2018-present Postdoctoral Scholar, UC Davis, PI: Steven Luck
- 2014-2018 Graduate Research Assistant, Sociology: UNL, PI: Jacob Cheadle
- 2011-2018 Graduate Research Assistant, Psychology: UNL, PI: Robert Belli
- 2011-2014 Teaching Assistant & Instructor: UNL
- 2008-2011 Research Tutor: HUC
- 2006-2007 Research Intern: CAREERsense Psychometric Test Center

### ACADEMIC AWARDS & RESEARCH HONORS

- 2018 UNL Outstanding Graduate Research Award (Recipient)
- 2018 UNL Best Social Science Poster Award
- 2017 UNL Outstanding Graduate Research Award (Honorable Mention)
- 2016 UNL Best Social Science Poster Award
- 2008 University of Queensland Outstanding Psychology Research Award
- 2008 Datuk Paduka Dr. Hajjah Saleha Award
- 2007 University of Leeds Achievement Award
- 2007 HUC Colloquium Award: Best Research Presentation
- 2006 Middlesex University Achievement Award
- 2006 HUC Colloquium Award: Best Research Presentation
- 2005 Middlesex University Achievement Award

### GRANTS & FELLOWSHIPS

- 2017-2018 UNL Dean's Fellowship
- 2016-2017 UNL Maude Hammond Fling Fellowship
- 2015 UNL Seed Grant.: *A High-Density ERP Study of the Misinformation Effect*. PI: Kiat, J.E. Co-PI: Robert F. Belli (USD 6930)
- 2011-2014 UNL Othmer Fellowship
- 2011-2013 UNL Warden Travel Funding
- 2008 HUC Full Graduate Fellowship (Declined)
- 2005 HUC Full Merit Scholarship

**REFEREED JOURNAL ARTICLES**

1. **Kiat, J.E.**, Belli, R.F. (in press). The Role of Individual Differences in Visual\Verbal Information Processing Preferences in Visual\Verbal Source Monitoring. *Journal of Cognitive Psychology*. doi: [10.1080/20445911.2018.1509865](https://doi.org/10.1080/20445911.2018.1509865)
2. **Kiat, J.E.**, Cheadle, J.E. (in press). Tick-Tock Goes the Croc: A High-Density EEG Investigation of Risk-Taking Reactivity and Binge-Drinking Susceptibility. *Social Cognitive & Affective Neuroscience*. doi: [10.1093/scan/nsy038](https://doi.org/10.1093/scan/nsy038)
3. **Kiat, J.E.**, Long, D., Belli, R.F. (in press). Attentional Responses on the Auditory Oddball predict False Memory Susceptibility. *Cognitive, Affective, & Behavioral Neuroscience*. doi: [10.3758/s13415-018-0618-0](https://doi.org/10.3758/s13415-018-0618-0)
4. Davidson, C.A., **Kiat, J.E.**, Tarasenko, M., Ritchie, A.J.R., Molfese, D., Spaulding, D. (in press). Electrophysiological correlates of social cognition in subclinical schizotypy. *Personality and Mental Health*. doi: [10.1002/pmh.1413](https://doi.org/10.1002/pmh.1413)
5. **Kiat, J.E.** (2018). Assessing cross-modal target transition effects with a visual-auditory oddball. *International Journal of Psychophysiology*, *129*, 58-66. doi: [10.1016/j.ijpsycho.2017.11.010](https://doi.org/10.1016/j.ijpsycho.2017.11.010)
6. **Kiat, J.E.**, Dodd, M.D., Belli, R.F. Cheadle, J.E. (2018). The Signature of Undetected Change: An Exploratory Electrotomographic Investigation of Gradual Change Blindness. *Journal of Neurophysiology*, *5*, 1629-35. doi:[10.1152/jn.00722.2017](https://doi.org/10.1152/jn.00722.2017)
7. **Kiat, J. E.**, Ong, A. R., & Ganesan, A. (2018). The influence of Distractor Strength and Placement on MCQ Responding. *Educational Psychology*, *38*(3), 368-80. doi: [10.1016/j.neuroimage.2017.05.006](https://doi.org/10.1016/j.neuroimage.2017.05.006)
8. **Kiat, J.E.**, Cheadle, J.E. Goosby, B.J. (2018). The Impact of Social Exclusion on Anticipatory Attentional Processes. *International Journal of Psychophysiology*, *123*, 48-57. doi: [10.1016/j.neuroimage.2017.05.006](https://doi.org/10.1016/j.neuroimage.2017.05.006)
9. **Kiat, J.E.**, Cheadle, J.E. (2017). The Impact of Individuation on the Bases of Human Empathic Responding. *Neuroimage*, *155*, 312-21. doi: [10.1016/j.neuroimage.2017.05.006](https://doi.org/10.1016/j.neuroimage.2017.05.006)
10. **Kiat, J.E.**, Straley, E., Cheadle, J. E. (2017). Why Won't They Sit with Me? An Exploratory Investigation of Stereotyped Cues, Social Exclusion, and the P3b. *Social Neuroscience*, *12*(5), 612-25. doi: [10.1080/17470919.2016.1223167](https://doi.org/10.1080/17470919.2016.1223167)
11. **Kiat, J.E.**, Belli, R.F. (2017). An Exploratory High-Density EEG Investigation of the Misinformation Effect: Attentional and Recollective Differences between True and False Perceptual Memories. *Neurobiology of Learning & Memory*, *141*, 199-208. doi: [10.1016/j.nlm.2017.04.007](https://doi.org/10.1016/j.nlm.2017.04.007)
12. Schutte, A., Torquati, J., **Kiat, J.E.** (2017). The influence of Indoor and Natural Environments on Children's Executive Function and Event-Related Potentials. *Children, Youth & Environments*, *27*(2), 70-92. doi: [10.7721/chilyoutenvi.27.2.0070](https://doi.org/10.7721/chilyoutenvi.27.2.0070)
13. **Kiat, J.E.**, Straley, E., Cheadle, J. E. (2016). Escalating Risk and the Moderating Effect of Resistance to Peer Influence on the P200 and Feedback-Related Negativity. *Social Cognitive & Affective Neuroscience*, *11*(3): 377-86. doi: [10.1093/scan/nsv121](https://doi.org/10.1093/scan/nsv121).
14. Liau, A.K., **Kiat, J.E.**, Nie, Y. (2014). Investigating the Pedagogical Approaches Related to Changes in Attitudes Toward Statistics in a Quantitative Methods Course for Psychology Undergraduate Students. *The AsiaPacific Education Researcher*, *24*(2), 319-27. doi : [10.1007/s40299-014-0182-5](https://doi.org/10.1007/s40299-014-0182-5)
15. Lukman, H., **Kiat, J.E.**, Ganesan, A., Chua, W.L., Khor, K.L., Choong, Y.F. (2010). Strabismus-related prejudice in 5-6-year-old children. *British Journal of Ophthalmology*, *94*,1348-51. doi: [10.1136/bjo.2009.173526](https://doi.org/10.1136/bjo.2009.173526)
16. Lukman, H., **Kiat, J.E.**, Ganesan, A., Chua, W.L., Khor, K.L., Choong, Y.F. (2010). Negative Social Reaction to Strabismus in School Children Ages 8-12 years. *Journal of Pediatric Ophthalmology and Strabismus*, *15*(3), 238-40.

**BOOK CHAPTERS**

1. Straley, E., Cheadle, J.E., Zosky, J.E., **Kiat, J.E.** (2016). "Stressors and Health among LGBTQ+ Individuals in a Midwestern College Community." Reducing Health Disparities: Research updates from the field (Vol. 2), edited by Dombrowski K. & Kimberly G.C.

**MANUSCRIPTS IN REVIEW\REVISION**

1. **Kiat, J.E.**, Belli, R.F. Verbal Misinformation Induced False Memories Appear More Strongly Driven by Semantic rather than Visualization Based Processes.
2. Straley, E., **Kiat, J.E.**, Cheadle, J.E., Goosby, B.J. Predictors of Disclosure of Sexual Minority Identity: How Does Race Matter?

**MANUSCRIPTS IN PREPARATION**

1. **Kiat, J.E.**, Belli, R.F. Neural Activity during Event Encoding and Subsequent False Memory Susceptibility.
2. **Kiat, J.E.**, Belli, R.F. The Role of Visualization in Misinformation Susceptibility.

**CONFERENCE PRESENTATIONS**

1. **Kiat, J.E.**, Cheadle, J. E. (2017). The Impact of Individuation on the Bases of Human Empathic Responding. Poster presented at the Society for Neuroscience 2017. Washington, DC.
2. Schutte, A., Torquati, J., **Kiat, J.E.** (2016). The influence of indoor and natural environments on children's executive function and event-related potentials. Paper presented at the Jean Piaget Society Meeting. Chicago, IL.
3. **Kiat, J.E.**, Straley, E., & Cheadle, J. E. (2016). Escalating risk and the moderating effect of resistance to peer influence on the P200 and feedback-related negativity. Poster presented at the 64th Annual Nebraska Symposium on Motivation. Lincoln, NE.
4. **Kiat, J.E.**, Belli, R.F. (2015). Neural Components of Source Monitoring Signify Individual Differences in Misinformation Susceptibility. Paper presented at the Psychonomic Meeting. Chicago, IL.
5. **Kiat, J.E.**, Belli, R.F. (2015). A High-Density EEG investigation of the Misinformation Effect: Differentiating between True and False Memories. Poster presented at the Psychonomic Meeting, Chicago. IL. Poster presented at the 63<sup>rd</sup> Annual Nebraska Symposium on Motivation. Lincoln, NE.
6. Davidson, C.A., **Kiat, J.E.**, Tarasenok, M., Molfese, D. Spaulding, W.D. (2014). EEG correlates of emotional face perception related to neurocognition, social cognition, schizotypy, and social functioning in young adults. Poster presented at the 62<sup>nd</sup> Annual Nebraska Symposium on Motivation. Lincoln, NE.
7. **Kiat, J.E.**, Belli, R.F. (2014). Event Representation in the Misinformation Paradigm. Poster presented at the Psychonomic Society Meeting. Long Beach, CA.
8. **Kiat, J.E.**, Belli, R.F. (2013). ERP Correlates of Individual Differences in Source Monitoring. Poster presented at the Psychonomic Meeting. Toronto, Canada.
9. **Kiat, J.E.**, Belli, R.F. (2013). Disentangling the CEQ-DRM Link: The Moderating Role of Source Monitoring. Poster presented at SARMAC X. Rotterdam, Netherlands.
10. **Kiat, J. E.**, Ganesan, A., & Ong, A. R. (2013). The Effects of Distracter Strength & Student Ability on Test Performance. Poster presented at the Midwestern Psychological Association Conference, Chicago, IL.

11. **Kiat, J. E.**, Ganesan, A., & Ong, A. R. (2012). Moderating Factors in the Influence of First Estimate Accuracy on Averaged Reestimation Accuracy. Poster presented at the Southeast Asia Psychology Conference (SEAP). Kinabalu, Malaysia.
12. **Kiat, J. E.**, Ong, A. R., & Ganesan, A. (2012). The Influence of MCQ Distractor Placement on Responding. Paper presented at SEAP. Kinabalu, Malaysia.
13. Lukman, H., **Kiat, J.E.**, Ganesan, A., Chua, W.L., Khor, K.L., Choong, Y.F. (2009). Social Alienation in Young Children with Strabismus. Poster presented at the XXVII ESCRS Congress. Barcelona, Spain.
14. **Kiat, J.E.**, Ganesan A., Ming, K.P.T., Leonard, L.A. (2010). Factors Predictive of Improvement in Student Academic Performance during the High School-College Transition. Paper presented at the 3rd ASEAN Union of Psychological Societies.
15. **Kiat, J.E.**, Qinyuen, W., Jeevagan, J.J.C., Suan, N.B. (2010). Effects of Caffeine on Divergent Thinking. Poster presented at the World Conference on Psychology, Counseling and Guidance. Antalya, Turkey.
16. **Kiat, J.E.**, Xin, L.J., Qinyuen, W. (2010). Effects of Caffeine on Risk-Taking Behavior. Poster presented at the World Conference on Psychology, Counseling and Guidance. Antalya, Turkey.
17. **Kiat, J.E.** (2009). The Relative Efficiency of Visual and Verbal Encoding Strategies in Eyewitness Recall. Poster presented at SEAP 2009. Kota Kinabalu, Malaysia.
18. **Kiat, J.E.** (2009). Scientific Creativity: The Role of Bisociation and Abstraction. Paper presented at SEAP 2009. Kota Kinabalu, Malaysia.
19. **Kiat, J.E.** (2008). Relative Efficiency of Visual and Verbal Encoding Strategies in Eyewitness Recall. Paper presented at the HUC Colloquium. KL, Malaysia.
20. **Kiat, J.E.** (2007). Digit Encoding under Stress. Poster presented at the HUC Colloquium. Kuala Lumpur, Malaysia.
21. **Kiat, J.E.** Ho, W.Z. Aidan J. (2006). Proximity Choice Changes from Shared Emotional Experiences. Paper presented at the HUC Colloquium. Kuala Lumpur, Malaysia.

### **CAMPUS & DEPARTMENTAL TALKS**

- Stage Dynamics of Risk & Social-Affective Processing (2018), UNL, CABiN brown-bag.
- Attentional Responses on the Auditory Oddball predict False Memory Susceptibility (2017), UNL, CABiN brown-bag.
- The Role of Visual and Verbal Source Monitoring in the Misinformation Effect (2016), UNL, CABiN brown-bag.
- A Rose by any Other Name: The Impact of Individuation on the Informational Bases of Human Empathic Responding (2016). UNL, CABiN brown-bag.
- Escalating Risk and the Moderating Effect of Resistance to Peer Influence on the P200 and Feedback-Related Negativity (2015). UNL, Social-Cognitive brown-bag.
- A High-Density EEG Investigation of Misinformation Effect: Differentiating between True and False Perceptual Episodic Memories. (2015). UNL, CABiN brown-bag.
- Investigating the Neural Changes Associated with Escalating Risk: The Moderating Effect of Resistance to Peer Influence (2015). UNL, CABIN brown-bag.
- Event-Related Potential Correlates of Individual Differences in Source Monitoring (2013). UNL, CABIN brown-bag.

**RESEARCH MENTORING (\*undergraduate mentee)**

Kirkpatrick, R.P.\*, **Kiat, J.E.**, Belli, R.F. (2015). *False memories and motivation: What is lost when we prioritize information?* Poster presented at the UNL Spring Research Fair.

Cooney, S.\* & O'Donnell, A.\* **Kiat, J.E.**, Belli, R.F. (2015). *Determining Correlates Between False Memory Paradigms: Do the DRM and Picture-Word Source Monitoring Task Predict Imagination & Observation Inflation?* Poster presented at the UNL Spring Research Fair.

Casey, S.\*, **Kiat, J.E.**, Straley, E., Cheadle, J.E., Brashears, M. (2015). *A Novel Approach to Study the Neural Bases of Social Networks.* Poster presented at the UNL Spring Fair.

Kaitlin, K.\*, **Kiat, J.E.**, Straley, E., Cheadle, Skinner, A. (2015). *Measuring Risk Taking Using EEG.* Poster presented at the UNL Spring Research Fair.

Zosky, J.E.\*, **Kiat, J.E.**, Kirkpatrick, R.P.\*, Belli, R.F. (2014). *Object Typicality's Influence on the Misinformation Effect.* Poster presented at the UNL Spring Research Fair.

**UNDERGRADUATE MENTORING SUCCESS**

Zosky, J.E. (UNL Ph.D student), Cooney, S. (USF Ph.D student), Kirkpatrick R.P (University of Virginia Ph.D student), Roundtree, M. (UNL Ph.D student), Ong, A.R. (University of Michigan Ph.D student), Ganesan, A. (University of Sydney Ph.D student).

**MEDIA COVERAGE OF RESEARCH**

“How does attention impact false memory susceptibility?”. *Nebraska Today*. August 15, 2018

“Binge drinkers' brains respond differently to risky child's play”. *Nebraska Today*. June 15, 2018

“UNL study shows how your brain braces for rejection”. *Lincoln Journal Star*. December 18, 2017

“Study shows how the brain anticipates social exclusion”. *Nebraska Today*, December 14, 2017

“Say my name: UNL study measures how a person's name impacts empathy”. *Lincoln Journal Star*. July 8, 2017

“What's in a name? Monikers alter empathy in the brain”. *Nebraska Today*, July 1, 2017

“Malaysia Divorce Rates Skyrocket”. *New Straits Times*, March 6, 2010

**ACADEMIC SERVICE**

- Graduate student committee member on two UNL Neuroimaging Center (CB3) Director searches (2016 & 2017)
- Full committee member on UNL Social Neuroscience Assistant Professor search (2013)
- Ad hoc reviewer (Total # of reviews = 10): *Neuropsychologia*; *Cognitive, Affective, & Behavioral Neuroscience*; *Social Neuroscience*; *Memory & Cognition*; *Quarterly Journal of Experimental Psychology*; *PLOS One*.

**WORKSHOPS CONDUCTED**

2015	2-week NSOC Lab EEG Bootcamp: Instructor, UNL
2014	8-week Introduction to EEG Analysis: Instructor, UNL
2014	8-week EEG Artifact Correction & Advanced Analyses: Instructor UNL
2014	3-week BRAiN Lab EEG Bootcamp: Instructor, UNL
2013	4-week BRAiN Lab EEG Bootcamp: Instructor, UNL

## **TEACHING EXPERIENCE**

### **Instructor, UNL**

Human Memory: Summer 2013

### **Graduate Teaching Assistant, UNL**

Introduction to Cognitive Psychology: Spring 2014, Fall 2013, Spring 2013, Fall 2012

Human Memory: Spring 2012, Fall 2011

### **Graduate Teaching Assistant, HUC**

Biopsychology: Spring 2009, Fall 2009

Cognitive Psychology: Spring 2009, Fall 2009, Spring 2011

Social Psychology: Fall 2008, Spring 2011

Research Methods: Spring 2008, Spring 2010

Advanced Research Methods: Spring 2010, Spring 2011

Introduction to Psychological Testing: Spring 2010

Introduction to Quantitative Methods: Spring 2008, Fall 2008

Advanced Quantitative Methods: Spring 2009, Fall 2009

Introduction to Psychology: Spring 2008, Fall 2008

## **PROFESSIONAL MEMBERSHIPS**

APA: Student Affiliate, 2015 - present

APS: Graduate Student Affiliate, 2013 - present

Society for Neuroscience: Student Member, 2017- present

## **TECHNICAL SKILLS TRAINING**

### **Neuroendocrinology**

Salivary Bioscience Camp, UNL: Spring 2017

### **fMRI Analysis**

FSL Training Workshop, UNL: Summer, 2017

NIH AFNI Bootcamp: Fall 2016

### **Multimodal-Neuroimaging**

Core Outreach Workshop, UNL: Summer 2017

Two-Week Multi-Modality Short Course, MGH/MIT/HMS Martinos Center: Spring 2014

Developmental Brain Lab Bootcamp, UNL: Fall, 2012

## SKILLS

### *Software*

EEG Analysis: EEGLab, EPtoolkit, sLORETA, Brainstorm, Netstation  
fMRI Imaging Analysis: Freesurfer, AFNI, FSL  
Specialized Software: Facegen, Unreal Engine 4 3D Development Suite, Unity  
Programming Environments & Packages: Mplus, SAS, MATLAB, SPSS, E-Prime,  
PsychoPy, Medialab, DirectRT, OpenSesame, Inquisit, C

### *Equipment*

High-density EEG: Geodesic EEG 200/300/400  
Low-density EEG: Emotive Epoc+  
Eyetracking Systems: Eyelink 2

### *EEG Analysis*

Threshold & ICA Based Artifact Detection Methods  
Temporospatial PCA decomposition  
FFT/Wavelet Decomposition: Event-Related/Resting State-Based  
Source Localization Methods: Dipole/sLORETA/Measure Projection  
Coherence/Correlation based Connectivity Analysis

### *Quantitative*

General\Generalized Linear Models  
Multilevel\Mixed Modeling  
Structural Equation Modeling  
Confirmatory Factor Analysis  
Meta-analytic Methods  
Clustering Methods  
Nonparametric Methods  
Power Estimation: Model\Simulation-Based  
Exploratory Data Analysis

## REFERENCES

### **Robert F. Belli**

Professor  
Department of Psychology  
322 Burnett  
University of Nebraska-Lincoln  
Lincoln, NE 68588  
Phone: (402) 472-3721  
Email: rbelli2@unl.edu

### **Jacob E. Cheadle**

Happold Associate Professor  
Department of Sociology  
737 Oldfather Hall  
University of Nebraska-Lincoln  
Lincoln, NE 68588  
Phone: (402) 472-6037  
Email: jcheadle2@unl.edu

### **Michael D. Dodd**

Associate Professor  
Department of Psychology  
B82 East Stadium  
University of Nebraska-Lincoln  
Lincoln, NE 68588  
Phone: (402) 472-3721  
Email: mdodd2@unl.edu

### **Dennis L. Molfese**

Mildred Francis Thompson Professor  
Department of Psychology  
C89 East Stadium  
University of Nebraska-Lincoln  
Lincoln, NE 68588  
Phone: (402) 472-3782  
Email: dmolfese2@unl.edu