

John Emmanuel Kiat

CURRICULUM VITAE

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The University of Nebraska-Lincoln
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EDUCATION

2018 (projected) 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

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.**, 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)
2. **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)
3. 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)
4. **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.2018.04.010](https://doi.org/10.1016/j.ijpsycho.2018.04.010)
5. **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)
6. **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: [10.1080/01443410.2017.1349877](https://doi.org/10.1080/01443410.2017.1349877)
7. **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.ijpsycho.2017.11.010](https://doi.org/10.1016/j.ijpsycho.2017.11.010)
8. **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)
9. **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)
10. **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)
11. 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)
12. **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).
13. 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)
14. 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)
15. 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. doi: [10.1016/j.jaapos.2011.01.158](https://doi.org/10.1016/j.jaapos.2011.01.158)

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.** The Impact of Individuation on Anchoring-and-Adjustment Dynamics in Empathic Decision-Making.
2. **Kiat, J.E.**, Belli, R.F. Individual Differences in Visual/Verbal Styles of Processing and Picture-Word Source Monitoring.
3. 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. Linking Individual Differences in Misinformation Susceptibility & Perceptual Source Monitoring Ability.
3. **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 63rd 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 62nd 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 (WCPCG). Antalya, Turkey.
16. **Kiat, J.E.**, Xin, L.J., Qinyuen, W. (2010). Effects of Caffeine on Risk-Taking Behavior. Poster presented at the WCPCG. 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

“Binge drinkers' brains respond differently to risky child's play”. *Lincoln Journal Star*. June. 15, 2018.

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

“Study shows how the brain anticipates social exclusion”. *Nebraska Today*, Dec. 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

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Jacob E. Cheadle

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Michael D. Dodd

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Dennis L. Molfese

Mildred Francis Thompson Professor
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