

John Emmanuel Kiat

Updated November 20th 2017

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EDUCATION

May 2018 (Projected) Ph.D., Psychology, University of Nebraska-Lincoln.
Areas of specialization: Neuroscience & Behavior, Social & Cognitive
Additional concentration: Quantitative Methods
2013 M.A., Psychology, University of Nebraska-Lincoln
2008 B.A. (1st Class), Psychology. HELP University College (HUC: Malaysia)

RESEARCH & PROFESSIONAL EXPERIENCE

2014-2017 Graduate Research Assistant: Sociology, University of Nebraska-Lincoln
2011-2017 Graduate Research Assistant: Psychology, University of Nebraska-Lincoln
2011-2015 BRAiN Lab Manager, University of Nebraska-Lincoln
2011-2014 Teaching Assistant & Instructor: University of Nebraska-Lincoln
2008-2011 Teaching & Research Assistant: HUC
2007 Research Intern, HUC Psychometric Testing Center

ACADEMIC AWARDS

2017 University of Nebraska-Lincoln Outstanding Graduate Research & Activities Award (Honorable Mention)
2008 Datuk Paduka Dr. Hajjah Saleha Award (Ranked 1st in Graduating Class)
2007 University of Leeds Award for Excellent Achievement (Top 3rd year student)
2006 Middlesex University Achievement Award (Top 2nd year student)
2005 Middlesex University Achievement Award (Top 1st year student)
2005 HUC Psychology Full Merit Scholarship

GRANTS & FELLOWSHIPS

2017 UNL Dean's Fellowship (\$3000)
2016 Maude Hammond Fling Fellowship (\$42034)
2015 UNL CB3 Seed Grant. *Source Monitoring & the Misinformation Effect: A High-Density EEG Study*. (PI: Kiat, J.E. Co-PI: Robert F. Belli: \$6930)
2011-2013 Othmer Fellowship for Exceptional Scholars (\$24000)
2011-2013 Warden Travel Funding (\$1500)
2008 HUC University's Graduate Fellowship (\$16675: Declined)

RESEARCH HONORS

2016 Outstanding UNL Spring Research Fair Poster Presentation. *Risk & the Moderating Effect of Resistance to Peer Influence on the P200 & FRN*.
2008 University of Queensland Outstanding Psychology Research Award; HUC Colloquium Awards for Best Research Presentation and Presenter. *Relative Efficiency of Visual and Verbal Encoding Strategies in Eyewitness Recall*.
2006 Best HUC Research Colloquium Presentation. *Seating Proximity Choice Changes after Shared Emotional Experiences*.

PEER-REVIEWED PUBLICATIONS

- Kiat, J.E.**, Cheadle, J.E. Goosby, B.J. (in press). The Impact of Social Exclusion on Anticipatory Attentional Processes. *International Journal of Psychophysiology*. Advance online publication
- Kiat, J. E.**, Ong, A. R., & Ganesan, A. (in press). The influence of Distractor Strength and Placement on MCQ Responding. *Educational Psychology*. Advance online publication
- 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)
- 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.
- Kiat, J.E.**, Cheadle, J.E. (2017). The Impact of Individuation on the Bases of Human Empathic Responding. *Neuroimage*. 155, 312-321
- 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), 612-625
- 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): 377-386
- 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): 319-327
- 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
- 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

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

MANUSCRIPTS IN REVISION

- Davidson, C. A., **Kiat, J.E.**, Tarasenko, M., Ritchie, A. J. R., Molfese, D., Spaulding, W. D. Electrophysiological correlates of social cognition in subclinical schizotypy.

MANUSCRIPTS IN REVIEW

- Kiat, J.E.** The Impact of Individuation on Anchoring-and-Adjustment Dynamics in Empathic Decision-Making
- Kiat, J.E.** Asymmetric Cross-Modal Switch-Costs on an Alternating Visual-Auditory Oddball
- Kiat, J.E.**, Long, D., Belli, R.F. Attentional Responses on the Auditory Oddball predict False Memory Susceptibility.
- Kiat, J.E.**, Dodd, M.D., Belli, R.F. Cheadle, J.E. The Neural Signature of Undetected Change: The Electrotomography of Gradual Change Blindness
- 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

- Kiat, J.E.**, Belli, R.F. A High-Density EEG investigation of Source Feature Retrieval.
- Kiat, J.E.**, Belli, R.F. Linking Individual Differences in Misinformation Susceptibility & Perceptual Source Monitoring Ability.
- Kiat, J.E.**, Belli, R.F. Links between Verbal False Memories Recognition Responses on a Picture-Word Source-Monitoring Task and Misinformation Susceptibility.
- Kiat, J.E.**, Belli, R.F. Neural Activity during Event Encoding and Subsequent False Memory Susceptibility.
- Kiat, J.E.**, Belli, R.F. Individual Differences in False Memory Susceptibility.
- Kiat, J.E.**, Cheadle, J.E. Tick-Tock Goes the Croc: Neural Responses on a Novel Aversive Risk-taking Task Predicts Real World Risk-Taking.
- Kiat, J.E.**, Ganesan, A., Ong, A.R. Greater Independence in Human Rights Views Associated with Higher Need for Cognition.
- Ganesan, A., **Kiat, J.E.** How Pan-Ethnic Terms like Asian American adversely affect Psychological Research.

CONFERENCE PRESENTATIONS

- 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.
- 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 2016 Meeting. Chicago, IL.
- 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.
- 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.
- 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.
- Kiat, J.E.**, Belli, R.F. (2014). Event Representation in the Misinformation Paradigm. Poster presented at the Psychonomic Society Meeting. Long Beach, CA.
- Kiat, J.E.**, Belli, R.F. (2013). Event-Related Potential Correlates of Individual Differences in Source Monitoring. Poster presented at the Psychonomic Meeting. Toronto, Canada.
- Kiat, J.E.**, Belli, R.F. (2013). Disentangling the CEQ-DRM Relationship: The Moderating Role of Source Monitoring. Poster presented at SARMAC X. Rotterdam, Netherlands.
- 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.
- Kiat, J. E.**, Ganesan, A., & Ong, A. R. (2012). Moderating Factors in the Influence of First Estimate Accuracy on Averaged Estimate Accuracy in Reestimation. Poster presented at the Southeast Asia Psychology Conference (SEAP) 2012. Kota Kinabalu, Malaysia.
- Kiat, J. E.**, Ong, A. R., & Ganesan, A. (2012). The Influence of MCQ Distracter Placement on Response Accuracy. Paper presented at SEAP 2012. Kota Kinabalu, Malaysia.
- 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.
- Kiat, J.E.** (2009). The Relative Efficiency of Visual and Verbal Encoding Strategies in Eyewitness Recall. Poster presented at SEAP 2009. Kota Kinabalu, Malaysia.

- Kiat, J.E.** (2009). Scientific Creativity: The Role of Bisociation and Abstraction. Paper presented at SEAP 2009. Kota Kinabalu, Malaysia.
- Kiat, J.E.** (2008). The Relative Efficiency of Visual and Verbal Encoding Strategies in Eyewitness Recall. Paper presented at the HUC Colloquium. Kuala Lumpur, Malaysia.
- Kiat, J.E.** (2007). Encoding under Stressful Conditions: An Interaction between Neuroticism & Extroversion. Poster presented at the HUC Colloquium. Kuala Lumpur, Malaysia.
- 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

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

RESEARCH MENTORING (*undergraduate research 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: Does 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.
- 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.
- 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).
- Kiat, J.E.**, Xin, L.J*., Qinyuen, W*. (2010). Effects of Caffeine on Risk Taking Behavior. Poster presented at the WCPCG.

UNDERGRADUATE MENTORING SUCCESS

Zosky, J.E. (University of Nebraska-Lincoln graduate student), Cooney, S. (University of South Florida graduate student), Kirkpatrick R.P (University of Virginia graduate student), Roundtree, M. (University of Nebraska-Lincoln graduate student), Ong, A.R. (University of Michigan graduate student)).

MEDIA COVERAGE

"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 CB3 Director searches (2016)
 Full committee member on UNL Social Neuroscience Assistant Professor search (2013)
 Ad hoc reviewer: *Neuropsychologia*; *Cognitive, Affective, & Behavioral Neuroscience*; *Memory & Cognition*

WORKSHOPS CONDUCTED

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

TEACHING EXPERIENCE**Instructor, University of Nebraska-Lincoln**

Human Memory: Summer 2013

Graduate Teaching Assistant, University of Nebraska-Lincoln

Introduction to Cognitive Psychology: Spring 2014, Fall 2013, Spring 2013, Fall 2012
 Human Memory: Spring 2012, Fall 2011

Graduate Teaching Assistant, HUC University

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, University of Nebraska-Lincoln (Spring 2017)

fMRI Analysis

NIH AFNI Bootcamp (Fall 2016)
 Developmental Brain Lab EEG Bootcamp, University of Nebraska-Lincoln (Fall, 2012)
 FSL Training Workshop, University of Nebraska-Lincoln (Summer, 2017)

General Neuroimaging

Multi-Modality Short Course, MGH/MIT/HMS Martinos Center (Spring 2014)
 Core Outreach Workshop, University of Nebraska-Lincoln (Summer 2017)

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
- Raw Voltage Region Based Analysis
- Temporospatial ICA/PCA decomposition
- FFT/Wavelet Decomposition: Event Related/Resting State Based
- Source Localization Methods: Dipole/sLORETA/Measure Projection
- Resting State Analyses
- 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