

Kyle E. Jennings, Ph.D.
Curriculum Vitae

December 2011

CONTACT INFORMATION

Department of Psychology
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EDUCATION

- Ph.D. **University of California—Berkeley**, Psychology, May 2010
Dissertation Title: Coherent Attributions with Co-occurring and Interacting Causes
Committee Members: Kaiping Peng (Chair), Thomas Griffiths, Robert MacCoun
- B.S. **Carnegie Mellon University**, Computer Science, December 1999
Graduation with University Honors
- B.S. **Carnegie Mellon University**, Electrical and Computer Engineering, December 1999
Graduation with University Honors

RESEARCH APPOINTMENTS

University of California—Berkeley, Department of Psychology, June 2010—Present
Supervisor: Kaiping Peng (concurrent with below)

University of California—Davis, Department of Psychology, June 2010—Present
Supervisor: Dean Simonton (concurrent with above)

VISITING RESEARCH APPOINTMENTS

University of Sussex, Creative Systems Lab, Winter 2008

Beijing University, Department of Psychology, Summers 2004, 2005, 2007, and Fall 2007

Tsinghua University, School of Economics and Management, Summer and Fall 2007

GRANTS AND FELLOWSHIPS

National Science Foundation, Graduate Research Fellowship, 2005–2008

National Science Foundation, East Asia Pacific Scholars Institute (China), 2007

COMPETITIVE AWARDS

International Conference on Computational Creativity, Travel Grant, 2011

Cognitive Science Society, Robert J. Glushko and Pamela Samuelson Foundation Student Travel Grant, 2010

Central European University, Tuition Scholarship, 2008

RESEARCH INTERESTS

- Creativity and the creative process
- Attribution and explanation
- Formal models and computer simulation

PEER-REVIEWED PUBLICATIONS AND PROCEEDINGS

- P1. **Jennings, K. E.**, Simonton, D. K., and Palmer, S. E. (2011, November). Understanding Exploratory Creativity in a Visual Domain. *Proceedings of the Eighth ACM Conference on Creativity and Cognition*, Atlanta, GA.
- P2. **Jennings, K. E.** (2010). Developing creativity: Artificial barriers in artificial intelligence. *Minds & Machines*, 20(4), 489–501.
- P3. **Jennings, K. E.** (2010, August). Determining the Internal Consistency of Attitude Attributions. In R. Catrambone & S. Ohlsson (Eds.), *Proceedings of the 32nd Annual Conference of the Cognitive Science Society* (pp. 978–983). Austin, TX: Cognitive Science Society. [Awarded student travel prize based on strength of reviews.]
- P4. Joyce, C. K., **Jennings, K. E.**, Hey, J., Grossman, J. C., & Kalil, T. (2010). Getting down to business: Using speedstorming to initiate creative cross-disciplinary collaboration. *Creativity & Innovation Management*, 19(1), 57–67.
- P5. **Jennings, K. E.** (2010, January). Search strategies and the creative process. *Proceedings of the First International Conference on Computational Creativity*, Lisbon, Portugal.
- P6. Sosa, R., Gero, J., & **Jennings, K. E.** (2009, October). Growing and destroying the worth of ideas. *Proceedings of the Seventh ACM Creativity and Cognition Conference*, Berkeley, California.
- P7. Hey, J., Joyce, C., **Jennings, K. E.**, Kalil, T., and Grossman, J. C. (2009). Putting the discipline in interdisciplinary: Using speedstorming to teach and initiate creative collaboration in nanoscience. *Journal of Nanoeducation*, 1(1), 75–85.
- P8. **Jennings, K. E.** (2008, September). Developing creativity: Artificial barriers in artificial intelligence. *Proceedings of the Fifth International Joint Workshop on Computational Creativity*, Madrid, Spain. [Later published as P2.]
- P9. **Jennings, K. E.** (2008, March). Adjusting the novelty thermostat: Courting creative success through judicious randomness. *Proceedings of the 2008 AAAI Spring Symposium on Creative Intelligent Systems*, Stanford, California.

MANUSCRIPTS IN PREPARATION

- M1. **Jennings, K. E.** (in prep). *Creativity is exceptionally good: The surprising role of originality in creativity judgments.* Manuscript in preparation.
- M2. **Jennings, K. E.** and Simonton, D. K. (in prep). *Creativity as both blind variation and blind retention.* Manuscript in preparation.
- M3. **Jennings, K. E.**, Simonton, D. K., and Palmer, S. E. (in prep). *Converging on creativity: Monotonicity, diversification and intensification, and the creativity of collages.* Manuscript in preparation.
- M4. **Jennings, K. E.** (in prep). *A computerized collage task for tracking the creative process.* Manuscript in preparation.
- M5. **Jennings, K. E.** (in prep). *Coherent ascriptions with co-occurring and interacting causes.* Manuscript in preparation.
- M6. **Jennings, K. E.** (in prep). *Coherence in the attitude attribution paradigm: Prior probability, perceived compliance, and incentives.* Manuscript in preparation.
- M7. **Jennings, K. E.** and Peng, K. (in prep). *Culture and the correspondence and coherence of attitude attributions.* Manuscript in preparation.
- M8. **Jennings, K. E.** and Peng, K. (in prep). *A normative comparison of cultural differences in discounting and augmenting.* Manuscript in preparation.
- M9. **Jennings, K. E.** and Bolaria, H. (in prep). *Eliciting ratios of probabilities by comparing support for competing hypotheses.* Manuscript in preparation.

PRESENTATIONS

Conference Presentations

- C1. **Jennings, K. E.** (2012, January). *Perceived compliance and expected compromise in the attitude attribution paradigm: Empirical test of a Bayesian model.* Poster to be presented at the Society for Personality and Social Psychology Conference, San Diego, CA.
- C2. **Jennings, K. E.** (2011, April). *A computational perspective on human exploratory creativity: Theory and methods.* Presentation at the International Conference on Computational Creativity, Mexico City, Mexico.
- C3. **Jennings, K. E.** (2009, October). *Early results with faceted classification of 'alternate uses' test responses.* Poster presented at the ACM Creativity and Cognition Conference, Berkeley, CA. [Refereed.]
- C4. **Jennings, K. E.** (2009, May). *A Bayesian reexamination of cross-cultural differences in attitude attribution.* Poster presented at the Association for Psychological Science Convention, San Francisco, CA.
- C5. **Jennings, K. E.** (2008, July). *Cultural differences in trait attribution and discounting: A Bayesian perspective.* Presentation at the International Association for Cross-Cultural Psychology, Bremen, Germany.
- C6. **Jennings, K. E.** (2008, July). *Making meaningful memory structure comparisons using bootstrap analysis of Pathfinder networks.* Presentation at the International Congress of Psychology, Berlin, Germany.

- C7. **Jennings, K. E.** (2008, July). *The double-edged sword of 'hazardous' traits in creative achievement, and our blindness to it.* Poster presented at the International Society for the Psychology of Science and Technology Conference, Berlin, Germany.
- C8. **Jennings, K. E.** and Joyce, C. K. (2007, October). *How can strangers from different disciplines find each other to form creative collaborations?* Workshop given at the Tenth European Conference on Creativity and Innovation, Copenhagen, Denmark.
- C9. Joyce, C., **Jennings, K. E.**, Hey, J., Kalil, T., Grossman, J. C. (2007, October). *Getting down to business: Results using speedstorming to initiate creative collaborations.* Paper presented at the Tenth European Conference on Creativity and Innovation, Copenhagen, Denmark. [Selected as one of the top five papers at the conference. Later published as P4.]
- C10. **Jennings, K. E.** (2007, October). *Statistical errors in creativity research: Survivorship bias and alpha inflation in attributing creativity and its causes.* Paper presented at the Tenth European Conference on Creativity and Innovation, Copenhagen, Denmark.
- C11. **Jennings, K. E.** (2007, May). *A network analysis approach to understanding cultural differences in attribution.* Presentation at the Association for Psychological Science Convention, Washington, D.C.
- C12. **Jennings, K. E.** (2007, May). *Horizontal-vertical individualism-collectivism and creativity: Reciprocal responsibility or one-way leadership?* Poster presented at the Association for Psychological Science Convention, Washington, D.C.
- C13. **Jennings, K. E.** (2007, January). *Asians see broader implications for the death of Al-Zarqawi than westerners.* Poster presented at the Society for Personality and Social Psychology Conference, Memphis, TN.

Invited Presentations

- "Creativity in education," seminar for visiting principals from Chinese elementary and middle schools, October 2010, Berkeley, CA.
- "Making social judgments in organizations," seminar for visiting Masters in Human Resources Management students from Beijing University, June 2010, Berkeley, CA.
- "Unpacking cultural differences in attribution: A Bayesian reexamination," Institute of Personality and Social Research Colloquium Series, April 2009, Berkeley, CA.
- "Kinds of novelty and their place in the creative process," talk given for the e-Intentionality Seminar Series at the University of Sussex, February 2008, Brighton, UK.

ADDITIONAL RESEARCH-RELATED TRAINING

Central European University, Complex Systems and Social Simulations, 2008

New England Complex Systems Institute, Complex Physical, Biological, and Social Systems, and Networks, Modeling, and Evolution, 2007

University of Michigan Inter-University Consortium for Political and Social Research, Maximum Likelihood Estimation, and Scaling and Dimensional Analysis, 2006

Beijing Language and Culture University, Mandarin Chinese, 2005

TEACHING INTERESTS

- Social Psychology / Social Cognition
- Ecological Theories in Psychology
- Cognitive Science / Cognitive Psychology
- Research Methods and Statistics

TEACHING EXPERIENCE

University of California—Berkeley, Department of Psychology, Lecturer

- **Cognitive Psychology**, Summer 2012 (*forthcoming*)
Description: See Summer 2011 for description.
- **Cognitive Psychology**, Spring 2012 (*forthcoming*)
Description: Lecture class with approximately 40 students and one teaching assistant. See below for description.
- **Cognitive Psychology**, Summer 2011
Description: Lecture class with approximately 70 students, covering basic issues in cognitive psychology. Required course for Cognitive Science majors.
- **Research Methods and Statistics**, Spring 2010
Description: Lecture and laboratory class with approximately 100 students and four teaching assistants. Course covers both research methods and statistical analysis up to factorial ANOVA and simple regression, and requires completion of an empirical research project. Required course for Psychology majors.
- **Principles of Psychology**, Fall 2009
Description: Lecture class with approximately 230 students, covering introductory psychology. Elective course for non-Psychology majors.
- **Research Methods and Statistics**, Summer 2009
Description: Lecture and laboratory class with approximately 100 students and five teaching assistants. See Spring 2010 for course description.

University of California—Berkeley, Department of Psychology, Teaching Assistant

- **Psychological Statistics and Data Analysis (Graduate Level)**, Fall 2006 and Spring 2007
Description: Yearlong graduate statistics course, covering ANOVA, Regression, and Categorical Data Analysis. Led two weekly laboratory sections, which reinforced material and taught software (SPSS and R). Designed laboratory exercises. Also delivered lecture on Logit and Probit models.
- **Research Methods and Statistics**, Spring 2005
Description: Led two weekly laboratory sections for undergraduate course (see description for Spring 2010), including reinforcing material, teaching software (SPSS), grading homework, and advising on and grading class projects.
- **Social Psychology**, Spring 2004
Description: Led three weekly discussion sections to reinforce material from lecture.
- **Personality Psychology**, Fall 2003 and Fall 2004
Description: Led three weekly discussion sections to reinforce material from lecture.

PROFESSIONAL SERVICE

- **Publicity Chair** for Third International Conference on Computational Creativity, 2012
- **Program Committee** for Third International Conference on Computational Creativity, 2012
- **Reviewer** for *Elementary Statistics* (Tokunaga and Keppel, Worth Publishers), 2011
- **Program Committee** for ACM Creativity and Cognition Conference, 2011
- **Reviewer** for Academy of Management Meeting, 2011
- **Program Committee** for Second International Conference on Computational Creativity, 2011
- **Reviewer** for Annual Conference of the Cognitive Science Society, 2010
- **Program Committee** and **Session Chair** for First International Conference on Computational Creativity, 2010
- **Program Committee** for Australasian Workshop on Computational Creativity, 2009
- **Ad Hoc Reviewer** for *Mind & Machines* and *Topics in Cognitive Science*