

## CV

### Bryan L. Koenig

bryankoenig@suu.edu

Assistant Professor of Psychology  
Southern Utah University (Fall 2017 to present)

Adjunct Instructor (2012 to 2017)  
Washington University in St. Louis (Fall 2014 to Spring 2017)  
Lindenwood University (Fall 2012 to Spring 2014)

Scientist (2009 to 2012)  
Programme in Computational Social Cognition (Director: Dr. Andrew Ortony)  
Institute of High Performance Computing (IHPC)  
Singapore Agency for Science, Technology, and Research

Adjunct Research Fellow (2009 to 2012)  
National University of Singapore  
Department of Psychology

### **Education**

PhD, Social Psychology. Minor, Statistics (2009)  
New Mexico State University, Las Cruces, New Mexico, USA  
Dissertation: Testing the Motivation-satisfaction Model of Emotion in the Context of  
Punishing Wrongdoers  
Advisor: Dr. Timothy Ketelaar

MA, General/Experimental Psychology (2005)  
College of William and Mary, Williamsburg, Virginia, USA  
Thesis: Misperception of Romantic and Sexual Interests  
Advisors: Drs. John Nezlek and Lee Kirkpatrick

BA, Psychology. Minor: Latin (1998)  
St. John's University, Collegeville, Minnesota, USA  
Advisor: Dr. Linda Mealey

### **Courses Taught as Primary Instructor (22 total; \*ongoing)**

*Social Psychology	Southern Utah University	FA 2017
*Lifespan Development (x2)	Southern Utah University	FA 2017
*Psychology as a Science and Prof. (x2)	Southern Utah University	FA 2017
Psychology of Personality ( <i>hybrid</i> )	Washington University in St. Louis	SP 2017
Introductory Psychology Statistics	Washington University in St. Louis	SP 2017
Moral Psychology ( <i>online</i> )	Washington University in St. Louis	FA 2016
Introductory Psychology Statistics (x3)	Washington University in St. Louis	FA 2015 – FA 2016
Evolutionary Psychology ( <i>online</i> )	Washington University in St. Louis	SU 2015
Social Psychology	Washington University in St. Louis	SP 2015

Research Methods (x4)	Washington University in St. Louis	FA 2014 – SP 2016
Principles of Psychology (x8)	Lindenwood University	FA 2012 – SP 2014
Experimental Research Methods	New Mexico State University	FA 2007
Individual and Group Differences (x2)	New Mexico State University	SP 2006 & SP 2007
Introduction to Psychology	El Paso Community College	SU 2006

### **Teaching Assistantships**

Community Psychology	NMSU	FA 2006
Evolutionary Psychology	NMSU	FA 2005
Experimental Methods in Social Psychology, Lab (x2)	WM	FA 2004 – SP 2005
Introduction to Psychology	WM	SP 2005
Psychology Statistics, Lab (x4)	WM	FA 2003 – SP 2004
Introduction to Psychology, Lab	SJU	SP 1997

### **Grants and Awards**

Society for Personality and Social Psychology's Small Research Grant (\$1500): <i>Moral punishment: How much is enough?</i>	SPSP	SP 2017
Merit-based Enhancement Fellowship (\$4000)	NMSU	2007 – 2008
Graduate Student Scholarship Travel Award	NMSU	2007
Psychology Department Tuition Fellowship	WM	2004 – 2005
Psychology Department Travel Grant	WM	2004 & 2005
Reve's Center for International Studies Research Travel Grant	WM	2004

### **Professional Service**

Ad Hoc Reviewer		
Cognitive Science Society Annual Conference		
Evolution and Human Behavior		
Evolutionary Behavioral Sciences		
Human Communication Research		
Journal of Personal and Social Relationships		
Journal of Social, Evolutionary, and Cultural Psychology		
Personal Relationships		
Personality and Social Psychology Bulletin		
Judge for Student Presentations, Missouri Undergraduate Psychology Conference, Lindenwood University		2014 & 2015
Journal Monitor, Monitored articles for research group members, IHPC		FA 2010 – SU 2012
Conducted a Webpage Design Seminar, NMSU Psychology Department		SP 2008
SONA Experiment Management System Administrator, NMSU		FA 2007 – SP 2009
Created & Distributed Conference Travel Funding Guide, NMSU		FA 2006
Primary support for online studies of 7 graduate students, WM, NMSU		2004 – 2009

### **Professional Training**

Webinar on Blackboard's Video Conferencing Tool "Collaborate" (2 hours)	FA 2016
Workshop for Increasing Openness and Reproducibility in Quantitative Research (Center for Open Science; 3 hours)	FA 2016

Minerva: A New Kind of Higher Education (1 hour)	SP 2016
R Statistical Language Workshop (3 hours)	SP 2015
Online Training Course on Online Teaching (1 month)	SP 2015
Making It Stick: Strategies for Successful Learning (1 hour)	FA 2014
Andragogy Theory, Adult Learner Assumptions, and Adult Learning Process Elements (1 day)	SP 2013
Scientific Writing (2.5 days)	FA 2011
Scientific Presentation (2.5 days)	SP 2010
Writing Course Objectives: Best Practices for Student Learning (1.5 hours)	SP 2007
Structured Problem Solving to Promote Student Creativity (3.5 hours)	SP 2006
Designing Assignments in WebCT (1.25 hours)	SP 2006
Team Mentoring for Grad Students Who Teach a Class or Lab (15 hours)	SP 2006
10 Easy Ways to Engage Your Students (1.5 hours)	SP 2006
Team-based Learning (6 hours)	FA 2005

### **Society Memberships** (past and present)

Association for Psychological Science  
 Cognitive Science Society  
 Human Behavior and Evolution Society  
 International Society for Research on Emotion  
 Society for Personality and Social Psychology  
 Society for Social Neuroscience

### **Peer Reviewed Publications (23 total; \*First author was a graduate student.)**

1. \*Riley Koenig, C. M., **Koenig, B. L.**, & Sanz, C. (accepted). Teaching anthropology with primate films: Investigating instructors' use of films and introducing the Primate Film Database. Accepted for publication at *American Anthropologist*.
2. Fan, S., Ng, T.-T., **Koenig, B. L.**, Herberg, J. S., M. Jiang, Leman, K., Q. Zhao, & Wang, R. (in press). Human-analogous perception for image visual realism: A perception decomposition approach. Accepted for publication at *IEEE Transactions on Pattern Analysis and Machine Intelligence*.
3. Fan, S., Jiang, M., Shen, Z., **Koenig, B. L.**, Kankanhalli, M., & Zhao, Q. (accepted). The role of visual attention in sentiment prediction. Accepted for publication as a Full Research Paper at the *Association for Computing Machinery (ACM) MultiMedia 2017*.
4. **Koenig, B. L.**, & Riley, C. M. (2017). To what reference point do people calibrate cost-free third-party punishment? *Personality and Individual Differences*, 115, 90–98.
5. **Koenig, B. L.**, van Leeuwen, F., & Park, J. H. (2017). Cross-race misaggregation: Its detection, a mathematical decomposition, and Simpson's paradox. *Evolutionary Behavioral Sciences*, 11, 16–22.

6. Fan, S., Ng, T.-T., **Koenig, B. L.**, Jiang, M., & Zhao, Q. (2016). A paradigm for building generalized models of human visual perception through data fusion. *IEEE Conference on Computer Vision and Pattern Recognition (CVPR 2016)*, June 2016, 5762–5771.
7. Pautler, D. Wirawan, E., **Koenig, B. L.**, & Wan, K.-S. (2016). Design objectives for cognitive models of intention perception. *11<sup>th</sup> ACM/IEEE International Conference on Human-Robot Interaction (HRI2016)*.
8. \*Riley, C. M., **Koenig, B. L.**, & Gumert, M. D. (2015). Observation of a fatal dog attack on a juvenile long-tailed macaque in a human-modified environment in Singapore. *Nature in Singapore*, 8, 57–63.
9. \*van Leeuwen, F., **Koenig, B. L.**, Graham, J., & Park, J. (2014). Moral concerns across the United States: Associations with life-history variables, pathogen prevalence, urbanization, cognitive ability, and social class. *Evolution and Human Behavior*, 35, 464–471.
10. \*Fan, S., Wang, R., Ng, T.-T., Herberg, J. S., Tan, C. Y. C., & **Koenig, B. L.** (2014). Human perception of visual realism for photo and computer-generated face images. *ACM Transactions on Applied Perception (TAP)*, 11 (2), Article No. 7.
11. \*Fan, S., Ng, T.-T., Herberg, J., **Koenig, B. L.**, Tan, C. Y. C., & Wang, R. (2014). An automated estimator of image visual realism based on human cognition. *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, June 2014, 4201–4208.
12. \*Kazemifard, M., Ghasem-Aghaee, N., **Koenig, B. L.**, & Ören, T. I. (2013). An emotion understanding framework for intelligent agents based on episodic and semantic memories. *Journal of Autonomous Agents and Multi-Agent Systems*, 28, 126–153.
13. **Koenig, B. L.**, Pautler, D., Herberg, J., Wan, K. S., Monroe, B., & Wirawan, E. (2012). Event segmentation of agent interactions: Comparing the whole with its parts. *Proceedings of the Thirty-Fourth Annual Conference of the Cognitive Science Society*, 617–622.
14. Ketelaar, T., **Koenig, B. L.**, Gambacorta, D., Dogov, I., Hor, D., Zarzosa, J., Luna-Nevarez, C., Klungle, M., & Wells, L. (2012). Smiles as signals of lower status in football players and fashion models: Evidence that smiles are associated with lower dominance and lower prestige. *Evolutionary Psychology*, 10, 371–397.
15. \*van Leeuwen, F., Park, J. H., **Koenig, B. L.**, & Graham, J. (2012). Regional variation in pathogen prevalence predicts endorsement of group-focused moral concerns. *Evolution and Human Behavior*, 33, 429–437.

16. \*Jonason, P. K., Tost, J., & **Koenig, B. L.** (2012). Sex differences and personality correlates of spontaneously generated reasons to give gifts. *Journal of Social, Evolutionary, and Cultural Psychology*, 6, 181–192.
17. \*Fan, S., Ng, T.-T., Herberg, J., **Koenig, B. L.**, & Xin, S. (2012). Real or fake?: Human judgments about photographs and computer-generated images of faces. *Proceedings of SIGGRAPH Asia 2012 Technical Briefs*, Article No. 17.
18. Pautler, D., **Koenig, B. L.**, Quek, B. K., & Ortony, A. (2011). Using modified incremental chart parsing to ascribe intentions to animated geometric figures. *Behavior Research Methods*, 43, 643–665.
19. \*Dijk, C., **Koenig, B. L.**, Ketelaar, T., & de Jong, P. J. (2011). Saved by the blush: Being trusted despite defecting. *Emotion*, 11, 313–319.
20. \*Jonason, P. K., **Koenig, B. L.**, & Tost, J. (2010). Living a fast life: The Dark Triad and life history theory. *Human Nature*, 21, 428–442.
21. **Koenig, B. L.**, Kirkpatrick, L. A., & Ketelaar, T. (2007). Misperception of sexual and romantic interests in opposite-sex friendships: Four hypotheses. *Personal Relationships*, 14, 411–429.
22. Jensen, C. J., Finifter, D. H., Wilson, C. E., & **Koenig, B. L.** (2007). Community assessment of senior health using a telephone survey and supplementary methods. *Journal of Applied Gerontology*, 26, 1–17.
23. Finifter, D. H., Jensen, C. J., Wilson, C. E., & **Koenig, B. L.** (2005). A comprehensive, multi-tiered targeted community needs assessment: Methodology, dissemination, and implementation. *Family and Community Health*, 28, 293–306.

#### **Other Scholarly Publications (9 total)**

24. **Koenig, B. L.** (2017). Motivates punishment. In T. Shackelford and V. Weekes-Shackelford (Eds.), *Encyclopedia of Evolutionary Psychological Science*. Springer.
25. **Koenig, B. L.** (2016). George C. Williams. In T. Shackelford and V. Weekes-Shackelford (Eds.), *Encyclopedia of Evolutionary Psychological Science*. Springer.
26. **Koenig, B. L.** (2016). Pleiotropy. In T. Shackelford and V. Weekes-Shackelford (Eds.), *Encyclopedia of Evolutionary Psychological Science*. Springer.
27. **Koenig, B. L.** (2016). Selection pressure as a function of age. In T. Shackelford and V. Weekes-Shackelford (Eds.), *Encyclopedia of Evolutionary Psychological Science*. Springer.
28. **Koenig, B. L.** (2016). Survival and death. In T. Shackelford and V. Weekes-Shackelford (Eds.), *Encyclopedia of Evolutionary Psychological Science*. Springer.

29. **Koenig, B. L.** (2016). Theory of senescence. In T. Shackelford and V. Weekes-Shackelford (Eds.), *Encyclopedia of Evolutionary Psychological Science*. Springer.
30. \*Riley, C. M., DuVall-Lash, A. S., Jayasri, S. L., **Koenig, B. L.**, Klegarth, A. R., & Gumert, M. D. (2016). How living near humans affects Singapore's urban macaques. In M. Waller (Ed.), *Ethnoprimatology: Primate Conservation in the 21<sup>st</sup> Century* (pp. 283-300). New York: Springer.
31. **Koenig, B. L.** (2008). Do liberals and conservatives punish differently? *The Jury Expert*, 20(4), 19–24.
32. Ketelaar, T., & **Koenig, B. L.** (2007). Emotions, justice, and moral value systems. In D. de Cremer (Ed.), *Advances in the Psychology of Justice and Affect* (pp. 133–154). Mahwah, NJ: Lawrence Erlbaum Associates.

### **Manuscripts under Review and in Preparation**

- Koenig, B. L.**, Herberg, J. S., Pautler, D., Wan, K. S., Gupta, S., Wirawan, E., & Monroe, B. M. (revise and resubmit). Unit formation, distraction, and emergence in visual social perception of a multi-agent animation. Revise and resubmit at *Attention, Perception, & Psychophysics*.
- Koenig, B. L.**, & Nezlek, J. B. (in preparation). Perceptions of romantic potential in opposite-sex friendships.
- Fan, S., **Koenig, B. L.**, & Zhao, Q. (under review). Emotional attention: A study of image sentiment and visual attention. Submitted for peer-reviewed consideration to *IEEE Computer Society Conference on Computer Vision and Pattern Recognition (CVPR 2017)*.

### **Selected Conference Talks and Posters (+Undergraduate coauthor.)**

- <sup>+</sup>Habtemariam, G., & **Koenig, B. L.** (2017). *Third party punishment preferences toward white and black perpetrators: A comparison in US dollars*. Poster presented at the Undergraduate Research Symposium, Washington University in St. Louis, St. Louis, MO, USA.
- Fan, S., Jiang, M., Xu, J., Koenig, B. L., Cheng, Y., Kankanhalli, M., & Zhao, Q. (2017). *A correlational study between human attention and high-level image perception*. Poster accepted for presentation at *The Annual Meeting of the Vision Sciences Society*, St. Pete Beach, Florida, USA.
- Riley, C. M., Jayasri, S. L., **Koenig, B. L.**, & Gumert, M. D. (2015). How does access to human food affect long-tailed macaques (*Macaca fascicularis*) in Singapore? *American Journal of Physical Anthropology*, 156 (S60). The 84th Annual Meeting of the American Association of Physical Anthropologists, St. Louis, MO, USA.

- Fan, S., Ng, T-T., Herberg, J. S., **Koenig, B. L.**, Tan, C. Y. C., Wang, R. (2014). *An automated estimator of image visual realism based on human cognition*. Extended Abstract, Vision Meets Cognition workshop, in conjunction with CVPR 2014 (invited), Columbus, OH, USA.
- Fan, S., Ng, T-T., Herberg, J. S., **Koenig, B. L.**, Tan, C. Y. C., Wang, R. (2014). *Human perception of visual realism for photo and computer-generated face images*. Extended Abstract, Vision Meets Cognition workshop, in conjunction with CVPR 2014, Columbus, OH, USA.
- Koenig, B. L.**, & Riley, C. M. (2013). *Third-party moralistic punishment: How much is enough?* Poster presented at the 14<sup>th</sup> Annual Meeting of the Society of Personality and Social Psychology, New Orleans, LA, USA.
- van Leeuwen, F., Park, J. H., **Koenig, B. L.**, & Graham, J. (2012). *Regional variation in pathogen prevalence predicts endorsement of group-focused moral concerns*. Poster presented at the European Human Behaviour and Evolution Association Annual Meeting, 2012, Durham, United Kingdom.
- Kazemifard, M., Ghasem-Aghae, N., **Koenig, B. L.**, & Oren, T. I. (2011). *Toward effective emotional intelligence simulation: Modeling understanding ability for emotive agents*. In Proceedings of the Fourth International Conference of Cognitive Science (ICCS), p. 154, Tehran, Iran.
- Pautler, D., **Koenig, B. L.**, Quek, B. K., & Ortony, A. (2010). *Ascribing causality and intention to 2D animations*. Poster presented at CogSci 2010, the Annual Meeting of the Cognitive Science Society, Portland, OR, USA.
- Gambacorta, D., Breugelmans, S., **Koenig, B. L.**, & Ketelaar, T. (2010). *Sex, ethnicity, and the face: A cross-cultural analysis of facial displays of emotion*. Talk presented at the 22<sup>nd</sup> Annual Conference of the Human Behavior and Evolution Society, Eugene, OR, USA.
- Koenig, B. L.**, Quek, B. K., & Saerbeck, M. (2010). *An autonomous agent architecture for simulation of cooperation and competition in public goods games*. Poster presented at the Decade of the Mind VI Conference, Fusionopolis, Singapore.
- Koenig, B. L.** (2009). *Schadenfreude: A theoretical critique and a new process model*. Poster presented at the 10<sup>th</sup> Annual Conference of the Society of Personality and Social Psychology, Tampa, FL, USA.
- Tost, J., Ketelaar, T., & **Koenig, B. L.** (2008). *What information is inferred from facial displays of emotion? Evidence that facial displays generate inferences across several distinct information channels*. Poster presented at the 9<sup>th</sup> Annual Conference of the Society of Personality and Social Psychology, Albuquerque, NM, USA.

**Koenig, B. L.,** Colyn, L. A., & Ketelaar, T. (2007). *Schadenfreude: An adaptationist critique*. Talk presented at the 19<sup>th</sup> Annual Conference of the Human Behavior and Evolution Society, Williamsburg, VA, USA.

Ketelaar, T., **Koenig, B. L.,** & Kurzban, R. (2007). *Psychological mechanisms underlying costly punishment*. Talk presented at the 19<sup>th</sup> Annual Meeting of the Human Behavior and Evolution Society, College of William and Mary, Williamsburg, VA, USA.

**Koenig, B. L.,** Johnston, V., Colyn, L. A., & Ketelaar, T. (2007). *Schadenfreude, sympathy, antipathy, and apathy: An evolutionary approach*. Poster presented at the Evolutionary Psychology pre-conference at the 8<sup>th</sup> Annual Conference of the Society of Personality and Social Psychology, Memphis, TN, USA.

Tost, J., Ketelaar, T., & **Koenig, B. L.** (2007). *Participant awareness during the Iowa Gambling Task*. Poster presented at the Evolutionary Psychology pre-conference at the 8<sup>th</sup> Annual Conference of the Society of Personality and Social Psychology, Memphis, TN, USA.

**Koenig, B. L.,** & Ketelaar, T. (2006). *Why big guys don't smile: Preliminary evidence for reactive heritability in collegiate football players*. Poster presented at the 18<sup>th</sup> Annual Conference of the Human Behavior and Evolution Society, Philadelphia, PA, USA.

Ketelaar, T., **Koenig, B. L.,** Burkett, B., & Davis, M. (2006). *Why hunter-gatherers don't typically smile when complimented for successful foraging: How emotional displays signal strategy types*. Talk presented at the 18<sup>th</sup> Annual Conference of the Human Behavior and Evolution Society, Philadelphia, PA, USA.

**Koenig, B. L.,** & Ketelaar, T. (2006). *A Darwinian approach to emotion: Translating the value function for gains and losses into positive and negative feeling states*. Talk presented at the Center for Consciousness Studies conference: Toward a Science of Consciousness 2006, Tucson, AZ, USA.

**Koenig, B. L.,** Kirkpatrick, L. A., & Ketelaar, T. (2006). *Misperception of sexual interest in opposite-sex friendships: Evidence for functional projection*. Poster presented at the Evolutionary Psychology pre-conference at the 7<sup>th</sup> Annual Conference of the Society of Personality and Social Psychology, Palm Springs, CA, USA.

Ketelaar, T., Burkett, B., **Koenig, B. L.,** Davis, M., & Russell, D. (2006). *Money, muscles and smiles: Inferring personality traits from facial displays*. Poster presented at the 7<sup>th</sup> Annual Conference of the Society of Personality and Social Psychology, Palm Springs, CA, USA.

**Koenig, B. L.,** & Nezlek, J. B. (2004). *Evolutionary psychology of impression management: Mating strategies in everyday interactions*. Poster presented at the 16<sup>th</sup> Annual Conference of the Human Behavior and Evolution Society, Berlin, Germany.

## **Computer Skills**

Internet – html, ColdFusion, Flash, Experimetrix, Qualtrics Sona, & Blackboard



Statistics – SPSS, R, SAS, & HLM  
Video Editing – iMovie & FinalCutPro

### **Media Coverage**

“Applying for an SPSP Small Research Grant: Questions the Reviewers Consider and Exemplary Applications”, approved grant application featured as exemplary as part of the *Member Newsletter for the Society of Personality and Social Psychology*, March 2017.  
<http://spsp.org/announcements/applying-small-research-grant>

“Power Of Smiling: Study Says Fewer Smiles Can Make You More Powerful.” Huffington Post. August 2012. [http://www.huffingtonpost.ca/2012/08/22/power-of-not-smiling-study\\_n\\_1822510.html](http://www.huffingtonpost.ca/2012/08/22/power-of-not-smiling-study_n_1822510.html)

“Solved: The Mystery of the Miserable Models.” The New York Times. February 2007.  
<http://tierneylab.blogs.nytimes.com/2007/02/23/solved-the-mystery-of-the-miserable-models/>

“This column will change your life: Is it really hip to be glum?” The Guardian. February 2010.  
<https://www.theguardian.com/lifeandstyle/2010/feb/27/change-your-life-hip-to-be-glum>

“Smile, you’re low status!” The Boston Globe. August, 2012.  
<http://www.bostonglobe.com/ideas/2012/08/11/smile-you-low-status/i86CA0788PvGUs1FEIMlhL/>