

## Kathleen Marie Coburn

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CONTACT INFORMATION	School of Social Sciences, Humanities and Arts Psychological Sciences University of California, Merced 5200 North Lake Road Merced, CA 95343 USA	+1-408-914-5373 📞 kcoburn@ucmerced.edu @coburn_m 🐦 katiecoburn 🌐
EDUCATION	<b>University of California, Merced</b> , Merced, CA Ph.D, Psychological Sciences, 2012 - 2018 Faculty Advisor: Jack L. Vevea, Ph.D. Committee Members: Sarah Depaoli, Ph.D., Rose Scott, Ph.D. Area of Study: Quantitative Psychology GPA: 4.00  <b>San Jose State University</b> , San Jose, CA Bachelor of Science, Psychology, 2007 - 2011 GPA: 3.83	
COMPETITIVE AWARDS	<ul style="list-style-type: none"><li>• William R. Shadish Leadership and Service Award, \$580, 2017</li><li>• William R. Shadish Leadership and Service Award, \$280, 2016</li><li>• Outstanding Teaching Award, \$1,000, 2015-2016<ul style="list-style-type: none"><li>• Given to only three graduate students each year (one from each area, social sciences, natural sciences, and engineering).</li></ul></li><li>• GradSLAM! Finalist, \$250, 2015<ul style="list-style-type: none"><li>• Very competitive venture; only the top 10 graduate students from the entire campus are selected as finalists.</li></ul></li><li>• San Jose State University Dean's List, Spring 2011</li></ul>	
PUBLICATIONS	<ul style="list-style-type: none"><li>[1] <b>Coburn, K. M.</b> &amp; Vevea, J. L. (2015). Publication bias as a function of study characteristics. <i>Psychological Methods</i>, 20(3), 310-330.</li><li>[2] Vevea, J. L. &amp; <b>Coburn, K. M.</b> (2015). Maximum-likelihood methods for meta-analysis: A tutorial using <i>R</i>. <i>Group Processes and Intergroup Relations</i>, 18(3), 329-347.</li></ul>	
WORK IN PRESS	<ul style="list-style-type: none"><li>[1] Vevea, J. L. &amp; <b>Coburn, K. M.</b> (<i>in press</i>). Publication bias. In Valentine, J. (Eds.), <i>Handbook of Research Synthesis and Meta-Analysis</i>. Russell Sage Foundation.</li></ul>	
PAPERS IN PROGRESS	<ul style="list-style-type: none"><li>[1] <b>Coburn, K. M.</b> &amp; Vevea, J. L. (<i>in prep</i>). Modeling moderators of publication bias.</li><li>[2] <b>Coburn, K. M.</b>, Vevea, J. L., &amp; Zelinsky, N. (<i>in prep</i>). Using <i>weightr</i> to estimate weight-function models for publication bias in <i>R</i>.</li><li>[3] Vevea, J. L., Zelinsky, N., &amp; <b>Coburn, K. M.</b> (<i>in prep</i>). Bayesian estimation of a weight-function model for publication bias.</li></ul>	
PRESENTATIONS	<ul style="list-style-type: none"><li>[1] <b>Coburn, K. M.</b> &amp; Vevea, J. L. (2016, May). Publication bias as a function of study characteristics. Poster presented at the 28th Annual Association for Psychological Science Annual Convention, Chicago, IL.</li><li>[2] Vevea, J. L. &amp; <b>Coburn, K. M.</b> (2015, July). A Web-based implementation of the Vevea &amp; Hedges weight-function model for publication bias. Talk presented at the Society for Research Synthesis Methodology Annual Meeting, Nashville, TN.</li></ul>	

- [3] **Coburn, K. M.** (2015, March). [Video of talk available here](#). Publication bias: A two-headed coin? Talk presented at the University of California, Merced Grad-SLAM! Qualifying Round and at the University of California, Merced Grad-SLAM! Finals, Merced, CA.
- [4] **Coburn, K. M.** & Vevea, J. L. (2015, March). A Shiny weight-function model for publication bias. Talk presented at the 3rd Annual University of California, Merced Psychological Sciences Research Symposium, Merced, CA.
- [5] Vevea, J. L. & **Coburn, K. M.** (2015, March). Maximum-likelihood methods for meta-analysis: A tutorial using *R*. Abstract presented during Abstracts, Appetizers, and Art at University of California, Merced, CA.
- [6] **Coburn, K. M.** & Roby, E. (2014, May). Social cognition and the visually impaired: A meta-analysis. Poster presented at the Association for Psychological Science Annual Convention, San Francisco, CA.
- [7] **Coburn, K. M.** & Roby, E. (2014, March). Social cognition and the visually impaired: A meta-analysis. Poster presented during Research Week at University of California, Merced, CA.

#### SOFTWARE

- [1] **Coburn, K. M.** and Vevea, J. L. (2016) *weightr*: R package for running the Vevea and Hedges (1995) and Vevea and Woods (2005) models for publication bias. [CRAN](#)
- [2] **Coburn, K. M.** and Vevea, J. L. (2015) *The Vevea and Hedges Weight-Function Model for Publication Bias*: Online interface for *weightr*. [Web](#)

#### TEACHING (UNDERGRADUATE CLASSES)

##### Teaching Assistant:

- Spring 2018, Introduction to Statistics (PSY 010) with Dr. Keke Lai
- Spring 2017, Introduction to Statistics (PSY 010) with Dr. Yang Liu
- Fall 2016, Introduction to Statistics (PSY 010) with Dr. Alex Khislavsky
- Spring 2016, Introduction to Statistics (PSY 010) with Dr. Yang Liu
- Fall 2015, Advanced Research Methods in Psychology (PSY 105) with Dr. Jack Vevea
- Spring 2015, Introduction to Psychology (PSY 001) with Dr. Ross Avilla
- Fall 2014, Introduction to Psychology (PSY 001) with Dr. Ross Avilla
- Spring 2014, Introduction to Statistics (PSY 010) with Dr. Jack Vevea
- Fall 2013, Behavioral Genetics (PSY 189) with Dr. Jeff Gilger
- Spring 2013, Introduction to Psychology (PSY 001) with Dr. Meaghan Altman
- Fall 2012, Introduction to Psychology (PSY 001) with Dr. Ross Avilla

##### Guest Lectures:

- Spring 2017, Introduction to Statistics (PSY 010) with Dr. Yang Liu
- Spring 2016, Introduction to Statistics (PSY 010) with Dr. Yang Liu
- Fall 2015, Advanced Research Methods in Psychology (PSY 105) with Dr. Jack Vevea

	<ul style="list-style-type: none"> <li>• Spring 2014, Introduction to Statistics (PSY 010) with Dr. Jack Vevea</li> </ul>
	<b>Instructor of Record:</b> <ul style="list-style-type: none"> <li>• Summer 2017, Introduction to Statistics (PSY 010)</li> <li>• Summer 2016, Introduction to Statistics (PSY 010)</li> </ul>
TEACHING (GRADUATE CLASSES)	<b>Teaching Assistant:</b> <ul style="list-style-type: none"> <li>• Fall 2017, Advanced Psychological Statistics I (PSY 202A) with Dr. Jack Vevea</li> </ul> <b>Instructor:</b> <ul style="list-style-type: none"> <li>• Summer 2017, UC Merced Competitive Edge Summer Bridge Program, Statistics Bootcamp Workshop (8 weeks)</li> <li>• Summer 2018, UC Merced Competitive Edge Summer Bridge Program, Statistics Bootcamp Workshop (8 weeks)</li> </ul>
ACADEMIC SERVICE	<b>University of California, Merced</b> Graduate student peer mentor, GRAD-EXCELL program, 2017-2018  <b>University of California, Merced</b> Webmaster of the Psychological Sciences Website, 2017-2018  <b>Special Issue of Translational Issues in Psychological Science</b> Associate Editor, 2017-2018  <b>Graduate Student Association (GSA), UC Merced</b> Secretary, 2015-2016  <b>Quantitative, Analytic, and Computational Consulting, UC Merced</b> Statistical Consultant, 2014-2016  <b>Quantitative Psychology Search Committee, UC Merced</b> Graduate Student Representative, 2014-2015  <b>Delegate Assembly, UC Merced</b> Psychology Graduate Student Representative  <b>Transportation and Parking Services Committee, UC Merced</b> Graduate Student Representative, 2014-2015  <b>University of San Francisco</b> Statistical Consultant for Michelle Montagno, Psy. D., 2014-2015  <b>Journal Reviewer</b> <i>Research Synthesis Methods</i> <i>Studies in Higher Education</i> <i>Animals</i> <i>Meta-Psychology</i> (open-access)
COMMUNITY SERVICE	<b>Bill Wilson Center</b> Contact Cares volunteer (telephone counselor). 2010
UNDERGRADUATE RESEARCH EXPERIENCE	<b>San Jose State University – Dr. Clifton Oyamot</b> <i>Research Assistant</i> <span style="float: right;"><b>2009</b></span> <ul style="list-style-type: none"> <li>• Assisted in collecting and coding data for a study on interactions between egalitarian values and right-wing authoritarianism.</li> </ul>

PROFESSIONAL MEMBERSHIPS      Association for Psychological Science (APS), Student Member

STATISTICAL PROGRAM SKILLS      Extensive Experience (Fluent):

- R (statistical program)
- Mplus (statistical program)
- SPSS (statistical program)
- SAS (statistical program)

Moderate/Limited Experience:

- UNIX (operating system)
- Python (programming language)
- C (programming language)