

Kathleen Marie Coburn

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	Ph.D, University of California, Merced, Merced, CA, 2012 - 2018 Psychological Sciences 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.S., San Jose State University, San Jose, CA, 2007 - 2011 Psychology GPA: 3.83	
PROFESSIONAL POSITIONS	Council on Library and Information Resources (CLIR) Postdoctoral Fellow in Data Curation for the Sciences and Social Sciences University of California, Merced, Merced, CA, 2018 - Present	
COMPETITIVE AWARDS	<ul style="list-style-type: none">• William R. Shadish Leadership and Service Award, \$580, 2017• William R. Shadish Leadership and Service Award, \$280, 2016• Outstanding Teaching Award, \$1,000, 2015-2016<ul style="list-style-type: none">• Given to only three graduate students each year (one from each area, social sciences, natural sciences, and engineering).• GradSLAM! Finalist, \$250, 2015<ul style="list-style-type: none">• Very competitive venture; only the top 10 graduate students from the entire campus are selected as finalists.• San Jose State University Dean's List, Spring 2011	
PUBLICATIONS	[1] Coburn, K. M. & Vevea, J. L. (2015). Publication bias as a function of study characteristics. <i>Psychological Methods</i> , 20(3), 310-330. [2] Vevea, J. L. & Coburn, K. M. (2015). Maximum-likelihood methods for meta-analysis: A tutorial using <i>R</i> . <i>Group Processes and Intergroup Relations</i> , 18(3), 329-347.	
WORK IN PRESS	[1] Vevea, J. L. & Coburn, K. M. (<i>in press</i>). Publication bias. In Valentine, J. (Eds.), <i>Handbook of Research Synthesis and Meta-Analysis</i> . Russell Sage Foundation.	
PAPERS IN PROGRESS	[1] Coburn, K. M. & Vevea, J. L. (<i>in prep</i>). Modeling moderators of publication bias. [2] Coburn, K. M. , Vevea, J. L., & Zelinsky, N. (<i>in prep</i>). Using <i>weightr</i> to estimate weight-function models for publication bias in <i>R</i> . [3] Vevea, J. L., Zelinsky, N., & Coburn, K. M. (<i>in prep</i>). Bayesian estimation of a weight-function model for publication bias.	

PRESENTATIONS

- [1] **Coburn, K. M.** & 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.
- [2] Vevea, J. L. & **Coburn, K. M.** (2015, July). A Web-based implementation of the Vevea & Hedges weight-function model for publication bias. Talk presented at the Society for Research Synthesis Methodology Annual Meeting, Nashville, TN.
- [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
- Spring 2014, Introduction to Statistics (PSY 010) with Dr. Jack Vevea

Instructor of Record:

- Summer 2017, Introduction to Statistics (PSY 010)
- Summer 2016, Introduction to Statistics (PSY 010)

TEACHING
(GRADUATE
CLASSES)

Teaching Assistant:

- Fall 2017, Advanced Psychological Statistics I (PSY 202A) with Dr. Jack Vevea

Instructor:

- Summer 2017, UC Merced Competitive Edge Summer Bridge Program, Statistics Bootcamp Workshop (8 weeks)
- Summer 2018, UC Merced Competitive Edge Summer Bridge Program, Statistics Bootcamp Workshop (8 weeks)

ACADEMIC
SERVICE

University of California, Merced

Graduate student peer mentor, GRAD-EXCELL program, 2017-2018

University of California, Merced

Webmaster of the Psychological Sciences Website, 2017-2018

Special Issue of Translational Issues in Psychological Science

Associate Editor, 2017-2018

Graduate Student Association (GSA), UC Merced

Secretary, 2015-2016

Quantitative, Analytic, and Computational Consulting, UC Merced

Statistical Consultant, 2014-2016

Quantitative Psychology Search Committee, UC Merced

Graduate Student Representative, 2014-2015

Delegate Assembly, UC Merced

Psychology Graduate Student Representative

Transportation and Parking Services Committee, UC Merced

Graduate Student Representative, 2014-2015

University of San Francisco

Statistical Consultant for Michelle Montagno, Psy. D., 2014-2015

Journal Reviewer

Research Synthesis Methods

Studies in Higher Education

Animals

Meta-Psychology (open-access)

COMMUNITY SERVICE	Bill Wilson Center Contact Cares volunteer (telephone counselor). 2010
UNDERGRADUATE RESEARCH EXPERIENCE	San Jose State University – Dr. Clifton Oyamot <i>Research Assistant</i> 2009 <ul style="list-style-type: none"> Assisted in collecting and coding data for a study on interactions between egalitarian values and right-wing authoritarianism.
PROFESSIONAL MEMBERSHIPS	Association for Psychological Science (APS), Student Member
STATISTICAL PROGRAM SKILLS	Extensive Experience (Fluent): <ul style="list-style-type: none"> R (statistical program) Mplus (statistical program) SPSS (statistical program) SAS (statistical program) Moderate/Limited Experience: <ul style="list-style-type: none"> UNIX (operating system) Python (programming language) C (programming language)