

## William Kyle Hamilton

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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

559.392.5782 📞  
whamilton@ucmerced.edu  
www.kylehamilton.com 🌐  
@kylehamilton 🐦  
kylehamilton 🌐

### EDUCATION

**University of California, Merced**, Merced, CA

Doctoral Candidate, Psychological Sciences, 2015-present  
Graduate Certificate in Quantitative Methods  
Area of Study: Health Psychology

**University of California, Merced**, Merced, CA

Bachelor of Arts, Psychology, June 2012  
Minor: Political Science

**Reedley College**, Reedley, CA

Associate of Arts, Social Science, August 2010  
*Cum Laude*

### PUBLICATIONS

- [1] Magnan, R., **Hamilton, W. K.**, Shorey-Fennell, B., & Cameron, L. (In Press). Experimental test of the educational impact of the newly proposed FDA graphic cigarette warnings among U.S. adults. *Annals of Behavioral Medicine*.
- [2] Nakagawa, S., Dunn, A., Lagisz, M., , Bannach-Brown, A., , Grames, E. M. Sánchez-Tójar, A., O'Dea, R. E., Noble, D. W. A. Westgate, M. J. Arnold, P. A., Barrow, S., Bethel, A., Cooper, E., Foo Y. Z., Geange, S., Hennessy, E., Mapanga, W., Mengersen, K., Munera, C., Page, M. J., Welch, V, **Evidence Synthesis Hackathon 2019 Participants**, & Haddaway, N. (2020). A New Ecosystem for Evidence Synthesis. *Nature Ecology & Evolution*.
- [3] Magnan, R., **Hamilton, W. K.**, Shorey-Fennell, B., & Cameron, L. (2019). Commentary on Proposed Rule: Tobacco Products; Required Warnings for Cigarette Packages and Advertisements *Docket No. FDA-2019-N-3065*.
- [4] Landau, M., Cameron, L., Arndt, J., **Hamilton, W. K.**, Swanson, T., & Bultmann, M. (2019). Beneath the Surface: Abstract Construal Mindset Increases Receptivity to Metaphors in Health Communications *Social Cognition*.
- [5] Cameron, L., Carroll, P. and **Hamilton, W. K.** (2018) Evaluation of an intervention promoting emotion regulation skills for adults with persisting distress due to adverse childhood experiences *Child Abuse & Neglect*.
- [6] Carroll, P. and **Hamilton, W. K.** (2016). Positive Discipline Parenting Scale: Reliability and Validity of a Measure. *Journal of Individual Psychology*.
- [7] Cameron, L. Carroll, P. and **Hamilton, W. K.** (2016). Evaluation of the ACE Overcomers Program. *Technical Report Submitted to ACE Overcomers Ltd.*

- [1] **Hamilton, W. K.** (2020). *Open Science and Global Collaboration: Creating Tools for Evidence Synthesis and Meta-Analysis* Talk to be presented at Deakin University, Melbourne, VIC, Australia.
- [2] **Hamilton, W.K.** (2020) *Meta-Analysis Using Jamovi* Workshop to be presented at the Western Psychological Association, 100th Annual Convention, San Francisco, CA.
- [3] **Hamilton, W.K.** (2020) *Meta-Analysis Using Jamovi* Workshop presented at the Society for the Improvement of Psychological Science, 4th Annual Meeting, Victoria, BC, Canada.
- [4] **Hamilton, W. K.** and Cameron, L. (2020). *Harm and Addiction Perceptions of Electronic Cigarettes: A Systematic Review and Meta-Analysis*. Poster presented at the Society of Behavioral Medicine 41st Annual Meeting, San Francisco, CA.
- [5] **Hamilton, W. K.** (2018). *Follow-up Bias in Within-Subjects One Way Repeated Measures ANOVA*. Poster presented at the Association for Psychological Science 28th Annual Convention, San Francisco, CA.
- [6] **Hamilton, W. K.** (2018). *Depressive Symptoms and Racial Microaggressions: A Meta-Analysis of Observational Studies*. Poster presented at the Association for Psychological Science 28th Annual Convention, San Francisco, CA.
- [7] **Hamilton, W. K.** (2018). *Meta-Analysis Software with R*. Talk presented at the Society for Affective Science 5th Annual Conference, Los Angeles, CA.
- [8] **Hamilton, W. K.** and Cameron, L. (2017). *Simulation and Comparison of Sun Protection Interventions Utilizing the Theory of Planned Behavior: An Agent-Based Approach*. Poster presented at the Society of Behavioral Medicine 38th Annual Meeting, San Diego, CA.
- [9] **Hamilton, W. K.** and Aydin, B. (2016). *MAVIS: Meta-Analysis via Shiny*. Lightning Talk presented at the 12th Annual R Users Conference, Stanford, CA.
- [10] **Hamilton, W. K.** and Cameron, L. (2016). *Exposure to Adverse Childhood Experiences Increases the Occurrence of Anxious and Avoidant Attachment Styles*. Poster presented at the Association for Psychological Science 28th Annual Convention, Chicago, IL.
- [11] **Hamilton, W. K.** (2014). *Perceptions of Electronic Cigarettes*. Poster presented at the Association for Psychological Science 26th Annual Convention, San Francisco, CA.
- [12] Carroll, P and **Hamilton, W. K.** (2014). *Positive Discipline Parenting Scale: Reliability and Validity of a Measure*. Poster presented at the Association for Psychological Science 26th Annual Convention, San Francisco, CA.

- [1] Westgate, M., Barrett, M., Grames, E., Gray, C., **Hamilton, W.**, Kothe, E., McGuinness, L., O'Dea, R., Sanchez-Tojar, A., & Schermann, M. (2020) *meta-verse*: R package Workflows for evidence synthesis projects. [GitHub](#)
- [2] Viechtbauer, W., Senior, A., Noble, D., White, T., & **Hamilton, W.** (2019) *metadat*: R package with a large collection of meta-analytic datasets. [GitHub](#)
- [3] **Hamilton, W. K.** (2017) *MAJOR*: Jamovi module and R package for running a reproducible meta-analysis and evaluation of publication bias. [GitHub](#).
- [4] **Hamilton, W. K.**, Aydin, B. and Mizumoto, A. (2014) *MAVIS*: R package for running a meta-analysis through an interactive web interface with Shiny. [CRAN](#).

- [5] **Hamilton, W. K.** (2016) *lavaan.shiny*: R package for running latent variable analysis through an interactive web interface with Shiny. [CRAN](#)
- [6] **Hamilton, W. K.** and Mizumoto, A. (2015) *CTTShiny*: R package for running item analysis through an interactive web interface with Shiny. [CRAN](#)
- [7] **Hamilton, W. K.** and Mizumoto, A. (2014) *IRTShiny*: R package for running item response theory analysis through an interactive web interface with Shiny. [CRAN](#)
- [8] **Hamilton, W. K.** (2014) *RCryptsy* †: R package for accessing information from the Cryptsy crypto currency exchange API. [CRAN](#)
- [9] **Hamilton, W. K.** (2014) *RStars* †: R package for accessing the American Museum of Natural History's Digital Universe Dataset API [CRAN](#)

†: Part of the [rOpenScience](#) project

## RESEARCH EXPERIENCE

### **United States Department of State - Office of the Curator**

*Research & Survey Designer*

**September 2016 to May 2017**

- Created surveys and analyzed data on the educational initiatives related to the Diplomatic Reception Rooms in Washington DC.
- Supported the work of the Senior Advisor for Education, Marketing and Outreach of the Diplomatic Reception Rooms
- Part of the Virtual Student Foreign Service (VSFS).

## TEACHING EXPERIENCE

### **Teaching Assistant Experience - University of California, Merced**

**Fall 2020** Psy 125 Cognition, Affect, and Health

**Spring 2020** Psy 15 Research Methods in Psychology

**Fall 2019** Psy 190 Theories of Behavior Change

**Spring 2019** Psy 158 Positive Psychology

**Fall 2018** Psy 158 Positive Psychology

**Spring 2018** Psy 10 Analysis of Psychological Data

**Spring 2018** Psy 10L Analysis of Psychological Data Lab

**Fall 2017** Psy 156 Social Psychology

**Spring 2017** Psy 159 Personality Psychology

**Fall 2016** Psy 10 Analysis of Psychological Data

**Spring 2016** Psy 158 Positive Psychology

**Fall 2015** Psy 156 Social Psychology

### **Guest Lecturing Experience - University of California, Merced**

**Fall 2019** Psy 190 Theories of Behavior Change

**Lecture:** Applications of Behavior Change

**Fall 2017** Psy 156 Social Psychology

**Lecture:** Interpersonal Attraction and Close Relationships

**Lecture:** Love and Romantic Relationships

**Spring 2017** Poli 213 Experimental Methods Political Science

**Lecture:** Mechanical Turk Best Practices and Methods

**Spring 2017** Psy 159 Personality Psychology

**Lecture:** Measures of Personality Traits

**Fall 2016** Psy 10 Analysis of Psychological Data

**Lecture:** *t*-Test for Two Independent Samples

**Fall 2015** Psy 156 Social Psychology

**Lecture:** Love and Close Relationships

**Fall 2014** Poli 213 Experimental Methods Political Science

**Lecture:** Mechanical Turk Best Practices and Methods

WORKSHOPS AND  
TUTORIALS

*Open Online Introduction to R Course*  
*April 22-24th, 2020 at Maastricht University and Online.*

Teaching Assistant, Three day online course covering an introduction to R taught by Wolfgang Viechtbauer. Including basic data structures, importing data, plotting, statistics using both continuous and categorical outcomes, working with R packages, and R markdown.

*How to Write a Teaching Statement* ‡

*March 8th, 2016 at the University of California, Merced.*

Workshop Leader, Part of the Teaching Matters workshop series dedicated to composing a teaching statement for graduate students as they prepare for the academic job market.

*Mechanical Turk and Amazon Web Services Workshop*

*December 5, 2013 at the University of California, Merced.*

Workshop Leader, Workshop geared towards social science researchers who had never used Amazon Web Services or Mechanical Turk. Emphasis placed on psychological science research methods.

‡: Part of the Center for Engaged Teaching and Learning.

INVITED PANELS  
AND TALKS

*Psi Chi Graduate Student Panel*  
*March 16, 2018 at the University of California, Merced.*

Graduate Student Participant, Panel discussion on graduate school experiences, emerging topics in health psychology, and professional development. Talk was presented to undergraduates of the UC Merced Psi Chi Chapter.

*Alumni Career Chat Employment Success Series: Research*

*March 7, 2018 at the University of California, Merced.*

Alumni Participant, Panel discussion covering topics related to on campus research opportunities, resources for professional development, and graduate school preparation. Talk was presented to undergraduate students interested in graduate school.

*Alumni Career Chat Employment Success Series: Psychological Science*

*September 21, 2017 at the University of California, Merced.*

Alumni Participant, Career panel for students at UC Merced focused on applying to graduate school and opportunities on campus. Talk was presented to undergraduate psychology and cognitive science majors.

*Undergraduate Summer Bridge Program: Alumni Panel*

*August 10, 2017 at the University of California, Merced.*

Alumni Participant, Panel discussion on adjusting to college life, finding on campus resources, and applying to research groups on campus. Talk was presented to incoming students from underserved backgrounds.

*Degree Attainment for Returning and Transfer Scholars (DARTS) Panel*  
*September 4, 2014 at the University of California, Merced.*

Alumni Participant, Panel discussion with UC President Janet Napolitano covering the challenges facing Community College transfer students.

*ASCEND Conference: On and Off-Campus Opportunities Every Student Should Know*  
*August 26, 2014 at the University of California, Merced.*

Alumni Participant, New student orientation shared experiences on and off campus, explained campus opportunities in research, community volunteering, and career resources.

*Fiat Lux Alumni Panel - Calvin E. Bright Success Center*  
*March 31, 2014 at the University of California, Merced.*

Alumni Participant, Panel discussion with first generation college students on adapting to life at the University.

*Alumni Career Chat: Research*  
*March 13, 2014 at the University of California, Merced.*

Alumni Participant, Career panel for students at UC Merced to learn more about research opportunities on campus.

#### MEDIA & PRESS

##### ***Campbell Collaboration – United Kingdom and Ireland***

Keenan, C., Fogarty, D., Cheng, C., & Noone, C. (2020, March 25) The role of Evidence Synthesis in COVID19. <https://meta-evidence.co.uk/the-role-of-evidence-synthesis-in-covid19/>

##### ***rOpenSci – Unconference 2018***

Exploring ways to address gaps in maternal-child health research. <https://ropen-sci.org/blog/2018/07/05/mchtoolbox>

#### UNIVERSITY SERVICE

##### ***Alumni Stewardship & Giving Committee***

Member, University of California Merced Alumni Association. 2018-Present.

##### ***University of California, Merced Alumni Association***

Board Member, University of California, Merced. 2013-2019.

##### ***Graduate Student Association***

Internal Vice President, University of California, Merced. 2017-2018.

##### ***Alumni Stewardship & Giving Committee***

Chair, University of California Merced Alumni Association. 2016-2018.

##### ***Graduate Visitation Weekend Organizing Committee***

Member, Psychological Sciences Graduate Group. 2016-2017.

##### ***Scholarship Award and Application Review Committee***

Member, University of California Merced Alumni Association. 2015-2017.

##### ***Director of Environmental Health and Safety Search Committee***

Student Representative, University of California, Merced. 2016.

##### ***Vice Chancellor for Student Affairs Search Committee***

Student Representative, University of California, Merced. 2016.

	<p><b>WSCUC Steering Committee for Reaffirmation of Accreditation</b> Student Representative, University of California, Merced. 2015-2016.</p> <p><b>Chancellor's Innovation Awards Screening Committee</b> Staff Representative, University of California, Merced. 2015.</p> <p><b>Office of Student Life Leadership Awards Screening Committee</b> Staff Representative, University of California, Merced. 2015.</p> <p><b>Student Alumni Relations Committee</b> Chair, University of California Merced Alumni Association. 2013-2015.</p> <p><b>Assistant Vice Chancellor for Development and Alumni Relations Search Committee</b> Alumni Representative, University of California, Merced. 2014.</p> <p><b>Provost and Executive Vice Chancellor Search Committee</b> Student Representative, University of California, Merced. 2011-2012.</p> <p><b>Fellowships and Undergraduate Research Symposium</b> Chair, University of California, Merced. 2011-2012.</p> <p><b>Undergraduate Council</b> Student Representative, University of California, Merced. 2010-2012.</p>
COMMUNITY SERVICE	<p><b>Merced County Amateur Radio Emergency Services</b> Assistant Emergency Coordinator. 2020.</p> <p><b>Merced County Advisory Board on Alcohol and Other Drug Problems</b> Board Member, Merced County Board of Supervisors. 2013-2015.</p>
PROFESSIONAL SERVICE	<p><b>Evidence Synthesis Hackathon</b> Member, Evidence Synthesis Hackathon Organizing Committee. 2020.</p> <p><b>Association for Psychological Science</b> Mentor, Association for Psychological Science Mentorship Program. 2015–2018. Reviewer, APSSC Student Grant Competition. 2015–2018. Reviewer, Researching Injustice and Social Equality (RISE) Award. 2015–2016.</p> <p><b>Manning Publications</b> Book Proposal Reviewer, Iannone, R. (2019). Get Programming with R.</p> <p><b>Packt Publishing</b> Reviewer, Resnizky, H. (2015). <i>Learning Shiny</i>. Birmingham, United Kingdom: Packt Publishing. ISBN: 978-1-785-28090-0</p> <p><b>University of California, Merced</b> Mentor, Psi Chi Undergraduate Mentorship Program. 2016-2017. Volunteer, Psychology Department Undergraduate Fall Preview Day 2016</p> <p><b>Ad Hoc Reviewer</b> Applied Psychology: Health and Well-Being, Collabra: Psychology, Journal of Open Research Software, Campbell Systematic Reviews, Journal of Open Source Software, Meta-Psychology, Nicotine &amp; Tobacco Research, R Journal, Journal of Research in Personality</p>
PROFESSIONAL MEMBERSHIPS	<p>Society for the Improvement of Psychological Science, Member, 2018–present</p> <p>Berkeley Initiative for Transparency in the Social Sciences, Member, 2017–present</p> <p>Foundation for Open Access Statistics, Member, 2015–present</p>

rOpenSci, Community Member, 2014–present

INVITED  
CONFERENCES &  
WORKSHOPS

The repliCATS Project: Collaborative Assessment for Trustworthy Science

- Invited participant, Virtual Assessment Workshop 2020
- Invited participant, COVID-19 Assessment Workshop 2020

SCORE: Systematizing Confidence in Open Research and Evidence

- Invited participant, Statistical Reproducibility Assessment Workshop 2020

Evidence Synthesis Hackathon

- Invited participant, Canberra ACT, Australia, 2019

rOpenSci Unconference

- Invited participant, Seattle Washington, USA 2018

AWARDS &  
HONORS

Society for the Improvement of Psychological Science

- Commendation Award. MAJOR Jamovi plugin and the MAVIS Shiny App  
Awarded for the creation of meta-analysis software

University of California, Merced

- Undergraduate Service to Student Affairs, Spring 2012
- Chancellor's Honor List, Spring 2012
- Dean's Honor List, Fall 2011
- Psi Chi Honor Fraternity, Fall 2011
- Dean's Honor List, Spring 2011

Reedley College

- Dean's Honor List, Spring 2010
- Dean's Honor List, Fall 2009
- Dean's Honor List, Fall 2008

GRANTS &  
FUNDING

Defense Advanced Research Projects Agency & University of Melbourne

- repliCATS Virtual Assessment Grant, 2020 – \$550
- repliCATS COVID-19 Assessment Grant, 2020 – \$200

R Consortium Infrastructure Steering Committee Grant

- Expanding the 'metaverse'; an R ecosystem for meta-research. \$28,323AUD  
Project Team Member, PI: Martin Westgate – Australia National University

FELLOWSHIPS &  
AWARDS

Society for the Improvement of Psychological Science

- Diversity Travel Award, 2020 – \$400

Evidence Synthesis Hackathon

- Hackathon Travel Award, 2019 – \$1000AUD

rOpenSci

- Unconference Travel Award, 2018 – \$500

University of California, Merced

- Psychological Sciences Graduate Student Summer Research Award, 2020 – \$3,618
- Psychological Sciences Graduate Student Summer Support Award, 2020 – \$500
- Psychological Sciences Graduate Student Summer Research Award, 2019 – \$2,700
- Dean's Summer Research Award, 2019 – \$500
- Psychological Sciences Graduate Student Summer Research Award, 2018 – \$3,200
- William R. Shadish Award for Leadership and Service, 2018 – \$575
- Dean's Summer Research Award, 2018 – \$800



- Psychological Sciences Graduate Student Summer Research Award, 2017 – \$4,200
- Psychological Sciences Graduate Student Travel Award, 2017 – \$350
- William R. Shadish Award for Leadership and Service, 2017 – \$500
- Jennifer Mendiola Memorial Travel Award, 2017 – \$175
- Psychological Sciences Graduate Student Summer Research Award, 2016 – \$4,200
- Psychological Sciences Graduate Student Research Award, 2016 – \$400
- William R. Shadish Award for Leadership and Service, 2016 – \$400
- [John & Victoria Elia Fellowship](#), 2015-2016 – \$4,000

COMPUTER  
SKILLS

Computational Modeling:

- lavaan, MPlus, NetLogo, OpenMX

Editing and Professional Writing Software:

- L<sup>A</sup>T<sub>E</sub>X

Statistical Analysis:

- R, SPSS

LICENSES AND  
CERTIFICATIONS

***Center for Engaged Teaching and Learning at UC Merced***

Certificate in General Pedagogy – 2015

***Federal Communications Commission***

Amateur Radio License, General Class, 2000-2020.

***Federal Emergency Management Agency***

ICS-100 – Introduction to Incident Command System

ICS-200 – ICS for Single Resources and Initial Action Incident

ICS-700 – Introduction to the National Incident Management System

ICS-800 – National Response Framework