William Kyle Hamilton

CONTACT
INFORMATION

School of Social Sciences, Humanities and Arts
Psychological Sciences
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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. (2020). 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.*

ACCEPTED PRESENTATIONS

[1] **Hamilton, W. K.** (2020). *Teaching Large Workshops using Twitch.tv* Poster to be presented at the University of California Psychology Teaching & Learning Virtual Conference.

[2] **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.

[3] **Hamilton, W.K.** (2020) *Meta-Analysis Using Jamovi* Workshop to be presented at the Western Psychological Association, 100th Annual Convention, San Francisco, CA.

[4] **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.

[5] **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.

[6] **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.

[7] **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.

[8] **Hamilton, W. K.** (2018). *Meta-Analysis Software with R.* Talk presented at the Society for Affective Science 5th Annual Conference, Los Angeles, CA.

[9] **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.

[10] **Hamilton, W. K.** and Aydin, B. (2016). *MAVIS: Meta-Analysis via Shiny.* Lightning Talk presented at the 12th Annual R Users Conference, Stanford, CA.

[11] **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.

[12] **Hamilton, W. K.** (2014). *Perceptions of Electronic Cigarettes.* Poster presented at the Association for Psychological Science 26th Annual Convention, San Francisco, CA.

[13] 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.

SOFTWARE

[1] Westgate, M., Barrett, M., Grames, E., Gray, C., **Hamilton, W.**, Kothe, E., McGuinness, L., O'Dea, R., Sanchez-Tojar, A., & Schermann, M. (2020) *metaverse*: 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 though an interactive web interface with Shiny. CRAN.

[5] **Hamilton, W. K.** (2016) *lavaan.shiny*: R package for running latent variable analysis though an interactive web interface with Shiny. CRAN

[6] **Hamilton, W. K.** and Mizumoto, A. (2015) *CTTShiny*: R package for running item analysis though an interactive web interface with Shiny. CRAN

[7] **Hamilton, W. K.** and Mizumoto, A. (2014) *IRTShiny*: R package for running item response theory analysis though 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.

WSCUC Steering Committee for Reaffirmation of Accreditation
  Student Representative, University of California, Merced. 2015-2016.

Chancellor's Innovation Awards Screening Committee
  Staff Representative, University of California, Merced. 2015.

Office of Student Life Leadership Awards Screening Committee
  Staff Representative, University of California, Merced. 2015.

Student Alumni Relations Committee
  Chair, University of California Merced Alumni Association. 2013-2015.

Assistant Vice Chancellor for Development and Alumni Relations Search Committee
  Alumni Representative, University of California, Merced. 2014.

Provost and Executive Vice Chancellor Search Committee
  Student Representative, University of California, Merced. 2011-2012.

Fellowships and Undergraduate Research Symposium
  Chair, University of California, Merced. 2011-2012.

Undergraduate Council
  Student Representative, University of California, Merced. 2010-2012.

COMMUNITY SERVICE

Merced County Amateur Radio Emergency Services
  Assistant Emergency Coordinator. 2020.

Merced County Advisory Board on Alcohol and Other Drug Problems
  Board Member, Merced County Board of Supervisors. 2013-2015.

PROFESSIONAL SERVICE

Evidence Synthesis Hackathon
  Member, Evidence Synthesis Hackathon Organizing Committee. 2020.

Association for Psychological Science
  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.

Manning Publications
  Book Proposal Reviewer, Iannone, R. (2019). Get Programming with R.

Packt Publishing
  Reviewer, Resnizky, H. (2015). Learning Shiny. Birmingham, United Kingdom: Packt Publishing. ISBN: 978-1-785-28090-0

University of California, Merced
  Mentor, Psi Chi Undergraduate Mentorship Program. 2016-2017.
  Volunteer, Psychology Department Undergraduate Fall Preview Day 2016

Ad Hoc Reviewer
  Applied Psychology: Health and Well-Being, Collabra: Psychology, Journal of Open Research Software, Campbell Systematic Reviews, Journal of Open Source Software, Meta-Psychology, Nicotine & Tobacco Research, R Journal, Journal of Research in Personality

PROFESSIONAL MEMBERSHIPS	Society for the Improvement of Psychological Science, Member, 2018–present
	Berkeley Initiative for Transparency in the Social Sciences, Member, 2017–present
	Foundation for Open Access Statistics, Member, 2015–present
	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:
- LaTeX

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