William Kyle Hamilton

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 Student, Psychological Sciences, 2015-present
Faculty Advisor: Linda Cameron, Ph.D.
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

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).

University of California, Merced - Health Communications and Interventions Lab

Research Assistant   **August 2011 to August 2015**
- Analyzed data for ongoing health related studies.
- Collected and organized data for graduate student projects.
- Led workshops covering R and Amazon Mechanical Turk.
- Preformed in-depth literature reviews on health related topics.
- Managed a team of 7 coders on an emotional expression project including scheduling, inter-rater reliability, and preliminary results generation.
- Organized and designed the cameronhcilab.com website.

University of California, Merced - Dr. Sarah Depaoli

Research Assistant   **June 2014 to August 2015**
- Setup cluster computing systems on Amazon Web Services for graduate student simulation projects.
- Organized a distributed computer system to cost effectively run computationally intensive models.
- Prepared documents and figures for publication in LaTeX.
- Designed a system for removing MPlus errors from simulation data.
- Assisted graduate students with data cleaning and other tasks as assigned.
- Organized and designed the sarahdepaoli.com website.

TEACHING
EXPERIENCE

Teaching Assistant Experience

Spring 2018 Psy 10 Analysis of Psychological Data

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

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

CONFERENCE
PRESENTATIONS

[1] **Hamilton, W.** (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.

[2] **Hamilton, W.** (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.

[3] **Hamilton, W.** 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.

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

[5] **Hamilton, W.** 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.

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

[7] Carroll, P and **Hamilton, W.** (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.

PUBLICATIONS	[1] Carroll, P and **Hamilton, W.** (2016). Positive Discipline Parenting Scale: Reliability and Validity of a Measure. *Journal of Individual Psychology.*
	[2] Cameron, L. Carroll, P. and **Hamilton, W.** (2016). Evaluation of the ACE Overcomers Program. *Technical Report Submitted to ACE Overcomers Ltd.*
SOFTWARE	[1] **Hamilton, W.** (2017) *MAJOR*: Jamovi module for running a meta-analysis GitHub
	[2] **Hamilton, W.** (2016) *lavaan.shiny*: R package for running latent variable analysis though an interactive web interface with Shiny. CRAN
	[3] **Hamilton, W.** and Mizumoto, A. (2015) *CTTShiny*: R package for running item analysis though an interactive web interface with Shiny. CRAN
	[4] **Hamilton, W.** and Mizumoto, A. (2014) *IRTShiny*: R package for running item response theory analysis though an interactive web interface with Shiny. CRAN
	[5] **Hamilton, W.**, Aydin, B. and Mizumoto, A. (2014) *MAVIS*: R package for running a meta-analysis though an interactive web interface with Shiny. CRAN
	[6] **Hamilton, W.** and Mizumoto, A. (2014) *PACA*: R package for running principal component analysis though an interactive web interface with Shiny. GitHub
	[7] **Hamilton, W.** (2014) *RCryptsy* †: R package for accessing information from the Cryptsy crypto currency exchange API. CRAN
	[8] **Hamilton, W.** (2014) *RStars* †: R package for accessing the American Museum of Natural History's Digital Universe Dataset API CRAN
	†: Part of the rOpenScience project.

WORKSHOPS AND TUTORIALS	*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	*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 to learn more about research opportunities on campus.
	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 under served 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.

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.

UNIVERSITY
SERVICE

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.

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

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

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.

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

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

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.

Accreditation Steering Committee
   Student Representative, Clovis Community College. 2008-2009.

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

PROFESSIONAL SERVICE

Association for Psychological Science
Reviewer, APSSC Student Grant Competition. 2015–2017.
Mentor, Association for Psychological Science Mentorship Program. 2015–2017.
Reviewer, Researching Injustice and Social Equality (RISE) Award. 2015–2016.

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. 2016-2018.
Volunteer, Psychology Department Undergraduate Fall Preview Day 2016

Ad Hoc Reviewer
Journal of Open Research Software, Journal of Open Source Software,
Nicotine & Tobacco Research, R Journal

PROFESSIONAL MEMBERSHIPS

Foundation for Open Access Statistics, Member, 2015–present

rOpenScience, Community Member, 2014–present

Association for Psychological Science (APS), Student Member, 2013–present

American Psychological Association, Student Member (APA), 2012–present
- Division 32 Health Psychology, Student Member, 2012–present

ADDITIONAL TRAINING

Berkeley Initiative for Transparency in the Social Sciences – Spring 2018
- Transparent and Open Social Science Research
  Ted Miguel Ph.D. & Garret Christensen Ph.D., University of California, Berkeley

Eindhoven University of Technology – Summer 2017
- Improving your Statistical Inferences
  Daniel Lakens Ph.D., Eindhoven University of Technology

Santa Fe Institute – Summer 2016
- Introduction to Dynamical Systems and Chaos
  David Feldman Ph.D., College of the Atlantic

ACM Professional Development Seminar – Spring 2012
- An Introduction to R for Software Developers and Data Analysts
  Rob Kabacoff Ph.D., Management Research Group

Western Regional LGBTQIA Conference – Spring 2012
- Teaching LGBTQIA College-Level Courses
  Gayle Pitman Ph.D., Sacramento City College
- Sexual Orientation Research in Context
  Gayle Pitman Ph.D., Sacramento City College

Western Psychological Association 92nd Annual Convention – Spring 2012
- An Introduction to Item Response Theory
  Andrew Ainsworth Ph.D., CSU Northridge
- Item Response Theory: A Modern Direction for Personality Measurement
  Tim W. Gaffney, California Department of Education

ACADEMIC AWARDS	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

FELLOWSHIP AWARDS	University of California, Merced
	• John & Victoria Elia Fellowship, 2015-2016 – $4,000
	• 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
	• 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

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, Technician Class, 2000-2020.