

## William Kyle Hamilton

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### CONTACT INFORMATION

School of Social Sciences, Humanities and Arts  
Psychological Sciences  
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### 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

#### **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.
- Performed 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 [cameronhclab.com](http://cameronhclab.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](http://sarahdepaoli.com) website.

### TEACHING EXPERIENCE

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

**Fall 2015** Psy 156 Undergraduate Social Psychology

**Spring 2016** Psy 158 Undergraduate Positive Psychology

## Guest Lecturing Experience

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

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

**Fall 2015** Psy 156 Undergraduate Social Psychology

**Lecture:** Love and Close Relationships

### CONFERENCE POSTERS

- [1] **Hamilton, W.** (2014). Perceptions of Electronic Cigarettes. Poster presented at the Association for Psychological Science 26th Annual Convention, San Francisco, CA.
- [2] 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.** (2015). Positive Discipline Parenting Scale: Reliability and Validity of a Measure. *Journal of Individual Psychology*.

### SOFTWARE

- [1] **Hamilton, W.** and Mizumoto, A. (2015) *CTTShiny*: R package for running classical test theory analysis though an interactive web interface with Shiny. CRAN GitHub
- [2] **Hamilton, W.** and Mizumoto, A. (2014) *IRTShiny*: R package for running item response theory analysis though an interactive web interface with Shiny. CRAN GitHub
- [3] **Hamilton, W.** and Mizumoto, A. (2014) *MAVIS*: R package for running a meta-analysis though an interactive web interface with Shiny. CRAN GitHub
- [4] **Hamilton, W.** and Mizumoto, A. (2014) *PACA*: R package for running principal component analysis though an interactive web interface with Shiny. GitHub
- [5] **Hamilton, W.** (2014) *RCryptsy* †: R package for accessing information from the Cryptsy crypto currency exchange API. CRAN GitHub
- [6] **Hamilton, W.** (2014) *RStars* †: R package for accessing the American Museum of Natural History's Digital Universe Dataset API CRAN GitHub

†: Part of the rOpenScience project.

### WORKSHOPS AND TUTORIALS

*Mechanical Turk and Amazon Web Services Workshop*

*February 3rd, 2014 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 political science research methods.

*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.

INVITED PANELS  
AND TALKS

*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.

CAMPUS SERVICE

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

Alumni 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.

***Scholarship Review Committee***

Member, University of California Merced Alumni Association. 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.

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

Board Member, University of California, Merced. 2013-2015, 2015-2017.

***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 Advisory Board on Alcohol and Other Drug Problems***

Board Member, Merced County Board of Supervisors. 2013-2015.

PROFESSIONAL SERVICE	<p><b>Association for Psychological Science</b>  Reviewer, Researching Injustice and Social Equality (RISE) Award. 2015.  Reviewer, APSSC Student Grant Competition. 2015.</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>Ad Hoc Reviewer</b>  Nicotine &amp; Tobacco Research, R Journal</p>
STUDENT MENTORSHIP	<p><b>Association for Psychological Science Mentorship Program</b>  Alexandra Laurent, Undergraduate Student – Florida International University, 2016–2017</p>
PROFESSIONAL MEMBERSHIPS	<p>Foundation for Open Access Statistics, Member, 2015–present</p> <p>rOpenScience, Community Member, 2014–present</p> <p>Association for Psychological Science (APS), Student Member, 2013–present</p> <p>American Psychological Association, Student Member (APA), 2012–present</p> <ul style="list-style-type: none"> <li>• Division 32 Health Psychology, Student Member, 2012–present</li> </ul>
ACADEMIC AWARDS	<p>University of California, Merced</p> <ul style="list-style-type: none"> <li>• Undergraduate Service to Student Affairs, Spring 2012</li> <li>• Chancellor’s Honor List, Spring 2012</li> <li>• Dean’s Honor List, Fall 2011</li> <li>• Psi Chi Honor Fraternity, Fall 2011</li> <li>• Dean’s Honor List, Spring 2011</li> </ul> <p>Reedley College</p> <ul style="list-style-type: none"> <li>• Dean’s Honor List, Spring 2010</li> <li>• Dean’s Honor List, Fall 2009</li> <li>• Dean’s Honor List, Fall 2008</li> </ul>
FELLOWSHIP AWARDS	<p>University of California, Merced</p> <ul style="list-style-type: none"> <li>• John &amp; Victoria Elia Fellowship, \$4,000, 2015-2016.</li> </ul>
COMPUTER SKILLS	<p>Data and Numerical Analysis:</p> <ul style="list-style-type: none"> <li>• R, SPSS</li> </ul> <p>Editing and Professional Writing Software:</p> <ul style="list-style-type: none"> <li>• L<sup>A</sup>T<sub>E</sub>X</li> </ul> <p>Information/Internet Technology:</p> <ul style="list-style-type: none"> <li>• Cloud Services: Amazon Web Services, Microsoft Azure</li> </ul>
LICENSES AND CERTIFICATIONS	<p><b>Center for Research on Teaching Excellence at UC Merced</b>  Certificate in General Pedagogy – 2015</p> <p><b>Collaborative Institutional Training Initiative</b>  CITI Health Information Privacy and Security for Students and Instructors, 2011-2017.  Social and Behavioral Responsible Conduct of Research Course, 2011-2017.</p> <p><b>Federal Communications Commission</b>  Amateur Radio License, Technician Class, 2000-2020.</p>