**Curriculum Vitae:**

**Christopher L. Aberson**

Personal Information

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Orcid: orcid.org/0000-0003-3481-7177

Publons: publons.com/researcher/1277257/christopher-aberson/

GitHub: github.com/chrisaberson/

Education:Ph. D. 1999 Claremont Graduate University

Department of Psychology

Concentration: Social/Quantitative Psychology

Thesis: Ingroup Bias and Self-Esteem:

A Meta Analysis

M. A. 1994 Claremont Graduate University

Department of Psychology

Concentration: Social/Quantitative Psychology

Thesis: Causal Attributions as a Function of Group Affiliation and Self-Esteem

B. A. 1991 California State University, Northridge

Concentration: Psychology

**Primary Research Foci**

\* Intergroup Relations \* Attitudes toward Affirmative Action

\* Implicit Associations \* Statistical Power

**Academic Employment History**

**Professor** Cal Poly Humboldt

August 2009 to December 2022

**Associate Professor** Humboldt State University

August 2004 to August 2009

**Assistant Professor**  Humboldt State University

August 2000 to May 2004

Courses:

Academic Research Proseminar

Analysis of Variance

Introduction to Psychological Research Design & Method

Introduction to Psychological Statistics

Psychological Study of Social Issues

Regression/Multivariate Topics

Research Methods: Evaluation (Graduate)

Required Course Load: 12 units per semester (equiv. to 4 courses/semester)

**Visiting Assistant** Franklin and Marshall College

**Professor** Academic Year 1999-2000

Courses:

Experimental Design and Statistics

Advanced Quantitative Methods

Required Course Load: 5 courses per year

**Lecturer** California State University, Long Beach

Spring 1997 to Spring 1999

Courses:

Multivariate Statistics

Experimental Design (ANOVA)

Intermediate Statistics

Introduction to Psychological Research Design & Method

**Lecturer** Pitzer College

Spring 1995 to Fall 1997

Courses:

Psychological Statistics

**Lecturer** Claremont Graduate University

Spring 1995 to Fall 1997

Courses:

Computer Applications for Psychology

Introductory and Advanced SPSS for Windows

Internet for Psychology

**Teaching** Applied Factor Analysis (Claremont Graduate University)

**Assistant** Research Methods (Pomona College)

Psychological Statistics (Pitzer College)

**Books**

Aberson, C. L. (2019). *Applied Power Analysis for the Behavioral Sciences (2nd edition).* New York: Routledge.

Aberson, C. L. (2010). *Applied Power Analysis for the Behavioral Sciences.* New York: Routledge.

**Journal Publications – Social Psychology** (Student co-authors in italics, last five years only)

Aberson, C. L., *Jett-Dias, L*., & *Clifton, J.* (2022). Contact, threat, and attitudes toward same-sex marriage and its beneficiaries. *LGBTQ+ Family: An Interdisciplinary Journal*, *18*(1), 38–51. [doi: 10.1080/1550428X.2021.2008284](doi:%2010.1080/1550428X.2021.2008284). Preprint: <https://osf.io/ygrkq/>

Dorison, C. A., Lerner, J. S., Heller, B. S., Rothman, A. J., Kawachi, I. I.,…Aberson, C. L., …Wang, K. (2022). In COVID-19 health messaging, loss framing increases anxiety with little-to-no concomitant benefits: Experimental evidence from 84 countries. *Affective Science, 3*, 577-602*.* doi: 10.1007/s42761-022-00128-3.

Psychological Science Accelerator Self-Determination Theory Collaboration (2022). A global experiment on motivating social distancing during the COVID-19 pandemic. *Proceedings of the National Academy of Sciences, 119 (22) e2111091119*. doi: 10.1073/pnas.2111091119. Preprint: [osf.io/n3dyf](http://osf.io/n3dyf) (note: full authorship listed in online supplement and metadata).

Aberson, C. L. (2021). Predicting support for affirmative action in educational admissions. *Social Justice Research*, *34*(2), 196-217. <https://doi.org/10.1007/s11211-021-00366-z>. Preprint: https://psyarxiv.com/nzse6

Aberson, C. L (2021). The size of contact-implicit preference relationships: Two large-sample tests. *The Journal of Social Psychology*, *161(5),* 627-631. <https://doi.org/10.1080/00224545.2021.1889945>. Preprint: <https://psyarxiv.com/76fwt/>

Wang, K., Goldenberg, A., Dorison, C. A., Miller, J. K., Uusberg, A., Lerner, J. S., … Aberson, C. L., … Moshontz, H. (2021). A multi-country test of brief reappraisal interventions on emotions during the COVID-19 pandemic. *Nature Human Behavior, 5*, 1089-1110. doi: 10.6084/m9.figshare.c.4878591.v1

Aberson, C. L., *Ferguson, H., & Allen, J.* (2021). Contact, threat, and prejudice: A test of intergroup threat theory across three samples and multiple measures of prejudice*.* *Journal of Theoretical Social Psychology, 5*, 404– 422. <https://doi.org/10.1002/jts5.107>. Preprint: https://psyarxiv.com/4rxas/

Hahn, A. C., DeBruine, L. M*., Pesce, L. A., Diaz, A*., Aberson, C. L., & Jones, B. C. (2020). Does women’s anxious jealousy track changes in steroid hormone levels? *Psychoneuroendocrinology*, *113*. https://doi.org/10.1016/j.psyneuen.2019.104553

Aberson, C. L. (2019). Friendships with blacks relate to lessened implicit preferences for whites over blacks. *Collabra: Psychology, 5*, 16. doi: 10.1525/collabra.195

Aberson, C. L. (2019). Indirect effects of threat on the contact-prejudice relationship: A meta analysis. *Social Psychology, 50,* 105-126.doi:10.1027/1864-9335/a000364

Aberson, C. L. (2018). Editorial: Improving scientific practices and increasing access. *Analyses of Social Issues and Public Policy*, *18*, 7-10. doi:10.1111/asap.12152

26 additional publications pre-2018

# Journal Publications/Other Contributions – Statistics/Research Methods

Aberson, C. L. (2022). BetterReg: An R package for useful regression statistics. *Journal of Open Source Software, 7(74*), 4280*.* doi:10.21105/joss.04280

Aberson, C. L., *Rodriquez, J.,* & *Siegel, D.* (2022). Power analysis for regression coefficients: The role of multiple predictors and power to detect all coefficients simultaneously. *The Quantitative Methods for Psychology. 18*(2), 142–151. doi:10.20982/tqmp.18.2.p142

Aberson, C. L. (2022). BetterReg: Better statistics for OLS and binomial logistic regression. R package version 0.1.0. https://CRAN.R-project.org/package=BetterReg

Buchannan, E. …, Aberson, C. L. Primbs, M. A. (in press). The Psychological Science Accelerator's COVID-19 rapid-response dataset*.* *Scientific Data.*

Aberson, C. L. (2021). Building interactive tutorials for teaching psychological statistics online with learnr. *Technology Innovations in Statistics Education*, *13*(1). https://doi.org/10.5070/T513153822

Aberson, C. L. (2019). *pwr2ppl: Power Analyses for Common Designs (Power to the People).* https://cran.r-project.org/web/packages/pwr2ppl/index.html [R package].

13 additional publications pre-2018

**Work Under Review (In Preparation as Noted)**

Aberson, C. L., Bostyn, D. H., Carpenter, T., Conrique, B. G., Giner-Sorolla, R., Lewis, N. A., …. Soderberg, C. Techniques and Solutions for Sample Size Determination in Psychology: A Critical Review. (under review) https://osf.io/psyjn/

Authorship order alphabetical from Aberson to Soderberg. All authors contributed equally.

Aberson, C. L., & *Siegel, D.* (In preparation). *Shiny Apps for Determining Statistical Power for Mediation and Conditional Process Models.*

Giner-Sorolla, R., Carpenter, T. Lewis, N. A., Montoya, A. K., Aberson, C. L., Bostyn, D. H., Conrique, B. G., …. Soderberg, C. *Power to Detect What? Considerations for Planning and Evaluating Sample Size.* https://osf.io/jnmya/

Authorship order alphabetical from Aberson to Soderberg. All authors in that tier contributed equally.

**Editorial/Review Activities/Other Professional Service**

Editor-in-Chief. *Analyses of Social Issues and Public Policy*. Four-year term January 2018-December 2021. Term extended to December 2023. Responsible for roughly 300 submissions per year. Major accomplishments include introduction of Open Science Badges, Registered Reports, and dramatically increasing submission rates.

Associate Editor. *Collabra Psychology*. January 2021 – present. Primarily responsible for quantitative submissions.

Advisory Board. *Routledge Open Research*. October 2021-present. Advise on issues relevant to open science and research quality for Routledge’s new open access, open peer review, platform.

Panel Member, National Science Foundation Social Psychology Division. Provide reviews for 12 proposals per cycle, six as lead reviewer. December 2020-present.

Statistical Consultant. Center for Open Science. Worked with a team of statisticians to provide power analyses for Systemizing Confidence in Open Research and Practice (SCORE), a large-scale replication project. 2019-2020.

Statistics Workshop Coordinator, Western Psychological Association Statistics Workshop. May 2012-present.

Associate Editor. *Journal of Applied Social Psychology*. 2012-2013. Responsible for 30-40 manuscripts a year.

Executive Editor. *Journal of Social Psychology.* 2008-2012. Responsible for 50-60 manuscripts a year.

**Invited Presentations**

Aberson, C. L. (2022, June-July). *Power analysis and sample size planning.* Invited om-demand workshop for Statistical Horizons.

Aberson, C. L. (2022, April). *Reflections on teaching (and not teaching) statistics.* Outstanding Teaching Award Lecture at the meeting of the Western Psychological Association, Portland, OR.

Aberson, C. L. (2021, November). *Power analysis and sample size planning.* Invited virtual workshop for Statistical Horizons.

Aberson, C. L. (2021, July). *Power analysis and sample size planning.* Invited virtual workshop for Statistical Horizons.

Aberson, C. L. (2021, April). *Power analysis for regression-based designs (including mediation, moderation, and conditional processes).* Invited workshop presented at the meeting of the Western Psychological Association, Virtual.

Aberson, C. L. (2020, December). *Applied statistical power analysis and sample size planning.* Invited virtual workshop for Statistical Horizons.

Aberson, C. L. (2018, April). *Statistical power analysis for regression-based designs.* Invited workshop presented at the meeting of the Western Psychological Association, Portland, OR.

Aberson, C. L. (2018, April). *Power analysis for multiple regression: More complicated than they appear.* Poster presented at the meeting of the Western Psychological Association, Portland, OR.

Aberson, C. L. (2017, April). *Intermediate R.* Invited workshop presented at the meeting of the Western Psychological Association, Sacramento, CA.

Aberson, C. L. (2016, April). *Applied statistical power analysis.* Invited workshop presented at the meeting of the Western Psychological Association, Long Beach, CA.

Aberson, C. L. (2014, April). *Multiple regression: Assumptions, analyses, and presentation.* Invited workshop presented at the Western Psychological Association Conference, Portland, OR.

Aberson, C. L. (2013, June). *Power analysis and sample size determination.* Two-day workshop presented at Summer Quantitative Methods Series at Portland State University.

Aberson, C. L. (2013, May). *R for SPSS Users.* Invited workshop presented at the Western Psychological Association Conference, Reno, NV.

Aberson, C. L. (2012, October). *Applied power analysis.* Two-day workshop presented at Statistical Horizons, Philadelphia, PA.

Aberson, C. L. (2011, June). *Applied power analysis.* Day-long workshop presented at Summer Quantitative Methods Series at Portland State University.

Aberson, C. L. (2011, April). *Applied power analysis for common (but complex) designs.* Invited workshop presented at the Western Psychological Association Conference, Los Angeles, CA.

Aberson, C. L. (2009, April). *Multiple regression analyses from start to finish.* Invited workshop presented at the Western Psychological Association Conference, Portland, OR.

Aberson, C. L. (2008, April). *Applied power analysis for ANOVA and Regression.* Invited workshop conducted at the Western Psychological Association Conference, Irvine, CA.

Aberson, C. L. (2007, May). *Applied power analysis.* Invited workshop conducted at the Western Psychological Association Conference, Vancouver, BC.

**Grants, Awards, and Honors**

2021 Western Psychological Association Outstanding Teaching Award

2021 Cal State SSRIC Instructional Materials Award

2021 Scholar of the Year, Humboldt State University

2020 Fellow status, Western Psychological Association

**Full CV available on request**