

Jacob J. Coutts, M.S., M.A.S.

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Education

- Ph.D., Quantitative Psychology** **2018 - Present**
The Ohio State University
Distinguished University Fellow
Advisor: Jolynn Pek, PhD
- Master of Science in Quantitative Psychology (M.S.)** **2018 - 2020**
The Ohio State University
Thesis: *Contrasting contrasts: An exploration of methods for comparing indirect effects in mediation models*
Advisor: Andrew F. Hayes, PhD
- Master of Applied Statistics (M.A.S.)** **2018 - 2020**
The Ohio State University
- Bachelor of Science in Psychological Sciences (B.S.)** **2014 - 2018**
Northern Arizona University
Minor: Communication Studies
University Honors: Gold Axe, Summa Cum Laude
Department Honors

Publications

- Coutts, J.** (2022). R. In B. Frey (Ed.), *The SAGE encyclopedia of research design* (Vol. 1, pp. 1337-1339). SAGE Publications, Inc., <https://dx.doi.org/10.4135/9781071812082.n493>
- Hayes, A.F. & **Coutts, J.J.** (2020). Use omega rather than Cronbach's alpha for estimating reliability. But... *Communication Methods and Measures*, 14(1), 1-24.
doi.org/10.1080/19312458.2020.1718629
- Coutts, J.J.**, Hayes, A.F., & Jiang, T. (2019). Easy statistical mediation analysis with distinguishable dyadic data. *Journal of Communication*, 69(6), 612-649. doi.org/10.1093/joc/jqz034

Work(s) in progress

- Coutts, J.J.**, & Hayes, A.F. (in prep). Contrasting contrasts: An exploration of methods for comparing indirect effects in multiple mediator models.
- Coutts, J.J.**, Hoisington-Shaw, K.J. & Pek, J. (in prep). BSPower: Exploring the utility of resampling methods in power calculations.
- Coutts, J.J.**, Weidler, D.J., Al-Kire, R.L. (under review). I can see (myself) clearly now: Exploring the mediating role of self-concept clarity in the association between self-compassion and indicators of well-being.

Teaching Experience

Average SEI Rating: 4.74/5

Course Coordinator – <i>Introduction to Psychology</i>	Autumn 2020 - Present
Course Instructor – <i>Introduction to Psychology – Undergraduate Level</i>	Autumn 2019 - Present
Course Instructor – <i>Teaching Psychology Practicum – Graduate Level</i>	Summer 2021
Teaching Apprentice – <i>Introductory Statistics in Psychology Lab</i>	2016 – 2017

Workshops

Co-Instructor (2020). Mediation analysis with distinguishable dyadic data. *Invited* workshop at the 111th Annual Convention of the Eastern Communication Association, Baltimore, MD, 03 April 2020. (Conference canceled)

Course Assistant (2019). Statistical Mediation and Moderation.
Instructor: Andrew F. Hayes. Statistical Horizons, Chicago, IL, 15 July 2019 – 20 July 2019.

Co-Instructor (2019). Easy statistical mediation analysis with distinguishable dyadic data. *Invited* workshop at the 91st Annual Convention of the Midwestern Psychological Association, Chicago, IL, 13 April 2019.

Oral Presentations

Coutts, J.J. (2022). Contrasting contrasts: Reasons why and ways to compare indirect effects in multiple mediator models. Presentation at the Edward F. Hayes Graduate Research Forum, Columbus, OH, 04 March 2022.

Coutts, J. J., & Weidler, D. J. (2018). Love, know, grow: Exploring the mediating role of self-concept clarity in the relationship between self-compassion and psychological well-being. Presentation at the 2018 Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, 04 April 2018.

Coutts, J.J., Al-Kire, R.L., & Weidler, D.J. (2017). Investigating the relationship between self-concept clarity and the benefits of self-compassion. Presentation at the 9th Annual National Science Foundation Research Experience for Undergraduates Conference, Flagstaff, AZ, 14 July 2017.

Dunbar, N.D., Anderson, M.D., & **Coutts, J.J.** (2016). Promoting success: An 8-week online statistics lab for transfer students in the psychological sciences major. Presentation at the SBS Retreat for Learning with Technology, Flagstaff, AZ, 26 August 2016.

Poster Presentations

National

Hoisington-Shaw, K.J., **Coutts, J.J.**, & Pek, J. (2020). Beyond fixed sample sizes: Sequential testing in psychology. Poster presented at the International Meeting of the Psychometric Society, College Park, MD, 14 July 2020. (Conference canceled)

Coutts, J.J., Hayes, A.F., & Jiang, T. (2019). MEDYAD: An analytical tool for assessing mediation in distinguishable dyads. Poster presented at the Annual Meeting of the Association for Psychological Science, Washington, D.C., 24 May 2019.

Coutts, J.J., & Walters, A.S. (2018). "It was the best of times, it was the worst of times": Having "The Talk" about sexuality with my parents. Poster presented at the Annual Meeting of the American Association of Sexuality Educators, Counselors, and Therapists, Denver, CO, 14 June 2018.

Coutts, J.J., Al-Kire, R.L., & Weidler, D.J. (2017). "I know because I care": Exploring the mediating role of self-concept clarity in the relationship between self-compassion and its benefits. Poster presented at the Research Experiences for Undergraduates Symposium, Alexandria, VA, 23 October 2017.

Coutts, J.J., & Walters, A.S. (2017). "I had a great sex education, but it was terrible": Dimensionalizing what it means to come from a sex positive or sex negative household. Poster presented at the Annual Meeting of the American Association of Sexuality Educators, Counselors, and Therapists, Las Vegas, NV, 15 June 2017.

Enriquez, D.F., **Coutts, J.J.**, Cashman, E.G., & Walters, A.S. (2017). Sexualities of Latino- and Caucasian-identifying men: Similarities and (some) differences. Poster presented at the Annual Meeting of the American Association of Sexuality Educators, Counselors, and Therapists, Las Vegas, NV, 15 June 2017.

Regional

Galat, K.I., **Coutts, J.J.**, & Donohue, D.K. (2018). Getting gritty with it: Exploring the mediating role of conscientiousness in the relationship between self-control and grit. Poster presented at the 98th Annual Convention of the Western Psychological Association, Portland, OR, 25 April 2018.

Bryson, M.M., **Coutts, J.J.**, & Donohue, D.K. (2018). "Forgive and for-grit": The mediating role of self-esteem in grit, self-compassion, and happiness. Poster presented at the 98th Annual Convention of the Western Psychological Association, Portland, OR, 25 April 2018.

Camacho, A., **Coutts, J.J.**, & Donohue, D.K. (2018). Get a grit: An analysis of grit as a mediator in the relationship between conscientiousness and academic achievement. Poster presented at the 98th Annual Convention of the Western Psychological Association, Portland, OR, 25 April 2018.

Coplen, C.C., **Coutts, J.J.**, & Donohue, D.K. (2018). Agree to disagree: Exploring the relationship between self-compassion and self-esteem. Poster presented at the 2018 Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, 03 April 2018.

Local

Barger, S.D., **Coutts, J.J.**, Anderson, M.D., Dunbar, N.D., & Dmitrieva, N.O. (2018). Do grade incentives affect performance on a statistics assessment instrument? A randomized study in an introduction to statistics in psychology course. Poster presented at the Northern Arizona University Assessment Fair, Flagstaff, AZ, 11 April 2018.

Carballo, B., **Coutts, J.J.**, & Donohue, D.K. (2017). Individualism, collectivism, and the self: An exploration of compassion and self-compassion. Poster presented at the College of Social and Behavioral Sciences Fall 2017 Symposium, Flagstaff, AZ, 01 December 2017.

Coutts, J.J., Al-Kire, R.L., & Weidler, D.J. (2017). Familiarity breeds liking...or vice versa: Looking at the mediating role of self-concept clarity in self-compassion. Poster presented at the 9th Annual National Science Foundation Research Experience for Undergraduates Conference, Flagstaff, AZ, 14 July 2017.

Bryson, M.M., Carballo, B., **Coutts, J.J.**, & Donohue, D.K. (2017). Associations of cultural values, gender, and motivation for achievement. Poster presented at Northern Arizona University's Annual Undergraduate Symposium, Flagstaff, AZ, 28 April 2017.

Camacho, A., Wolcott, A., **Coutts, J.J.**, & Donohue, D.K. (2017). A generation motivated by the self. Poster presented at Northern Arizona University's Annual Undergraduate Symposium, Flagstaff, AZ, 28 April 2017.

Coutts, J.J., Henderson, K.E., & Donohue, D.K. (2016). Themes of happiness, sadness, and higher education: Culture and self. Poster presented at the College of Social and Behavioral Sciences Fall 2016 Symposium, Flagstaff, AZ, 9 December 2016.

Colloquia

Coutts, J.J. (2021). Inference for the difference: An exploration of methods for conducting contrasts in multiple mediator models. Talk presented at The Quantitative Psychology Seminar, Columbus, OH, 08 February 2021.

Coutts, J.J. (2020). It makes a difference: Methods for comparing indirect effects in multiple mediator models. Talk presented at The Quantitative Psychology Seminar, Columbus, OH, 20 April 2020.

Hayes A.F. & **Coutts, J.J.** (2019). Use omega, not Cronbach's alpha for reliability. Talk presented at The Quantitative Psychology Seminar, Columbus, OH, 11 October 2019.

Coutts, J.J. (2019). SEM, OLS regression, and their application to mediation analysis in dyadic data. Talk presented at The Quantitative Psychology Seminar, Columbus, OH, 1 April 2019.

Software

Coutts, J.J., Hayes, A.F., & Jiang, T. (2019). MEDYAD. An SPSS, SAS, and R macro/function for mediation analysis in distinguishable dyadic data. Available at jjcoutts.com.

Hayes, A.F., & **Coutts, J.J.** (2019). OMEGA. An SPSS and SAS macro for obtaining McDonald's Omega and Cronbach's Alpha. Available at afhaves.com.

Leadership Positions

Vice President – Quantitative Psychology Graduate Student Association	2019 - 2021
Member – Diversity and Justice Committee in Introduction to Psychology	2020 - 2021
Research Mentor – Undergraduate Research Mentorship Program	2017 - 2018
Lab Manger – <i>Culture and Academic Achievement Lab</i>	2016 - 2018

Statistical Programs and Languages

Excel
IBM SPSS Statistics (including macro programming with MATRIX)
GAUSS
Mplus
Python
R and RStudio
SAS (including macro programming with PROC IML)

Honors and Awards

The Ohio State University

Distinguished University Fellowship (Two years)

Excellence in Leadership Award – PSYCH 1100

Meritorious Teaching Award – PSYCH 1100

Robert M. Arkin Certificate in the Teaching of Psychology

The College of Arts and Sciences Division of Social and Behavioral Sciences Scholarship

Northern Arizona University

Dean's Travel Award
Department of Psychological Sciences' Travel Award
Gold Axe Award
Lumberjack Scholars Award
Outstanding Junior of the Department of Psychological Sciences
Outstanding Senior of the Department of Psychological Sciences
Student Travel Award
Summa Cum Laude
The Conklin-Faust Student Scholarship Award

Journal Reviewing

Journal of Gerontology (Psychology)
Journal of Happiness Studies
PLOS One

Service

Panelist, Milestone Meetup, Department of Psychology	2022
Judge, Ohio District Science Day, State of Ohio	2021
Volunteer, CV and Statement of Purpose Workshop, Department of Psychology	2020
Volunteer, Graduate and Professional Recruitment Event, Office of Diversity and Inclusion	2020
Volunteer, Graduate School Application Review Day, Department of Psychology	2019
Panelist, A Note on Graduate School, Department of Psychology	2019
Volunteer, The Ohio Psychology Teaching Conference	2019
Judge, The American Statistical Association DataFest at OSU	2019
Thesis Judge, The Spring Undergraduate Research Festival	2019
Poster Judge, The Psychology Undergraduate Research Colloquium	2019
Volunteer, The Edward F. Hayes' Graduate Forum	2019
Panelist, How to Get into Graduate School, Department of Psychology	2018
Panelist, Applying to Graduate, Medical, or Law School Workshop	2018
Panelist, Graduate and Professional Recruitment, Office of Diversity and Inclusion	2018

Professional Affiliations

American Psychological Association (APA)
Association for Psychological Science (APS)
American Statistical Association (ASA)
Institute of Mathematical Statistics (IMS)
National Center for Faculty Development and Diversity
Psi Chi Honor Society
Society for Personality and Social Psychology (SPSP)