

Nicholas A. Coles, Ph. D.

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Education

- 2020 Ph.D., Social Psychology (Minor: Statistics and Data Science)
University of Tennessee, Knoxville
Dissertation: *Face and Feeling: An Examination of the Role of Facial Feedback in Emotion*
- 2017 M.A., Social Psychology
University of Tennessee, Knoxville
Thesis: *A Meta-Analysis of the Facial Feedback Literature: Effects of Facial Expressions on Emotional Experience are Small and Variable*
- 2015 B.S., Interdisciplinary Studies (Psychology, Statistics, Cognitive Science)
University of Central Florida
Thesis: *A Psychophysiological Investigation of the “Paradoxical Effects of Valuing Happiness”*

Academic Positions

- 2021- current Research Scientist, Stanford University
- 2020 - 2021 Postdoctoral Research Fellow, Harvard University
- 2018-2019 NSF Visiting Research Fellow, Eindhoven University of Technology
- 2016-2020 NSF Graduate Research Fellow, University of Tennessee

Publications

Coles, N. A., March, D. S, Marmolejo Ramos, F. [and 30 others] (accepted in-principle). A multi-lab foundational test of the facial feedback hypothesis by the Many Smiles Collaboration. *Nature Human Behaviour*.

Chen S., Szabelska A., Chartier C. R. [and 33 others, including **Coles, N. A.**] (accepted in-principle). Investigating object orientation effects across 14 languages. *Psychonomic Bulletin & Review*.

Wang, K., Goldenberg [and 150 others, including **Coles, N. A.**] (2021). A global test of brief reappraisal interventions on emotions during the COVID-19 pandemic. *Nature Human Behaviour*.

Coles, N. A. & Larsen, J. T. (2021). Letter to the Editor: Claims about the effects of botulinum toxin on depression should raise some eyebrows. *Journal of Psychiatric Research*.

Jones, B., DeBruine L. M., Flake, J., [138 others]., **Coles N. A.** (2021). Social perception of faces around the world: How well does the valence-dominance model generalize across world regions? *Nature Human Behaviour*.

Obels, P. Lakens, D, **Coles, N. A.**, Gottfried, J. & Green, S. A. (2020). Analysis of open data and computational reproducibility in registered reports in psychology. *Advancements in Methods and Practices in Psychological Science*.

Coles, N. A., Larsen, J. T., Kuribayashi, J., Kuelz, A. (2019). Does blocking facial feedback via botulinum toxin injections decrease depression? A critical review and meta-analysis. *Emotion Review*, 11(4), 294-309.

Coles, N. A., Larsen, J. T., & Lench, H. C. (2019). A meta-analysis of the facial feedback literature: Effects of facial feedback on emotional experience are small and variable. *Psychological Bulletin*, 145(6), 610.

Coles, N. A., Tiokhin, L., Lakens, D., Scheel, A., Isager, P. (2018). The costs and benefits of replication studies. *Behavioral and Brain Sciences*, 41, E124. doi:10.1017/S0140525X18000596

Moshontz, H., Campbell, L., Ebersole C. R. [and 79 others, including **Coles, N. A.**] (2018). The psychological science accelerator: Advancing psychology through a distributed collaborative network. *Advancements in Methods and Practices in Psychological Science*. 1-15.

Kay, D., Berry, A., **Coles, N. A.** (2018). What experiences in medical school trigger professional identity development? *Teaching and Learning in Medicine*, 31(1), 17-25.

Larsen, J. T., **Coles, N. A.**, Jordan D. (2017). Varieties of mixed emotional experience. *Current Opinion in Behavioral Sciences*. 15, 72-76.

Rovito, M. J, Gordon, T. F., Bass, S. B., DuCette, J., Tierney, A. M., **Coles, N. A.** (2015). Developing the “Control Identity” typology to create more effective testicular health messaging. *American Journal of Men’s Health*. <https://doi.org/10.1177/1557988315621143>

Coles, N. A., Sims, V. K., & Chin, M. G. (2015). Lay beliefs and projections of trait happiness. *The Journal of Happiness and Well-Being*. 3(1), 116-125.

Manuscript Under Review

Coles, N. A., Gaertner, L. Frohlich, B., Larsen, J. T., Basnight-Brown, D. (R&R). Demand characteristics moderate, but do not fully account for, the effects of facial feedback on emotional experience. *Journal of Personality and Social Psychology*.

IJzerman, H., Hadi, R., **Coles, N. A.**, Sarda, E., Klein, R. A., Ropovik, I. (R&R). Social thermoregulation: A meta-analysis. *Psychological Bulletin*.

Schneider, K. R., **Coles, N. A.**, Smith, C. (R&R). Understanding the research experience: Activities completed during a STEM undergraduate research apprenticeship. *International Journal of Science Education*.

Forscher, P. F., Wagenmakers, E. J., **Coles, N. A.**, Silan, M. A., IJzerman, H. (under review) A manifesto for team science. *Advancements in Methods and Practices in Psychological Science*.

Dorison, C. A., **Coles, N. A.**, ... [and 534 others] (under review). A global test of message framing on behavioural intentions, policy support, information seeking, and experienced anxiety during the COVID-19 pandemic. *Science Advances*.

Awards, Funding, and Honors

Postdoctoral (\$138,675 total)

National Science Foundation SBE Postdoctoral Research Fellowship: \$138,000 [declined]
RepliCATS Assessment Grant (2020): \$500
Editors' Choice Award (2020; for Kay, Berry, & Coles, 2018): \$175
Society for the Improvement of Psychological Science Commendation (for the Red Team Challenge)

Graduate (\$135,815 total)

National Science Foundation Graduate Research Fellowship (2016–2020): \$102,000
National Science Foundation GROW Fellowship (2018–2019 with Daniel Lakens): \$27,000
Google LLC Employee Private Research Donation (2019): \$4,000
UTK Experimental Psychology Outstanding Graduate Research Award (2019): \$1,000
RepliCATS Workshop Grant (2019): \$1,000
Meta-Science Symposium Poster Award (2019): \$500
UTK Experimental Psychology Poster Award (2018): \$75
UTK EURECA Poster Award (2020): \$200
Psychological Science Accelerator Project Management Award (2019): \$40
UCF 30 Under 30 Nomination (2019, 2020)
2016 UT Best New Organization of the Year (Pipeline: Vols for Women in STEM)
2016 UT Innovative Program of the Year (Pipeline: Vols for Women in STEM)
Student Org of the Week (1/25/18; Pipeline: Vols for Women in STEM)

Undergraduate (\$19,598 total)

Florida Bright Futures Scholarship (2011–2015): \$10,798
Undergraduate Research Initiative Fellowship (2013): \$5,700
Summer Undergraduate Research Fellowship (2013): \$1,000
UCF Undergraduate Group Research Grant (2014): \$1,000
UCF Student Research Grant (2014): \$500
Student Undergraduate Research Council Research Award (2014 & 2015): \$600
Graduated Magna Cum Laude with Honors
Psychological Society 2015 Certificate of Appreciation

Presentations

Invited Talks

Coles & Larsen (2022). Plenary session: Theoretical, methodological, and statistical issues with claims about the effect of glabellar-region botulinum toxin injections on depression. *North American Regional TOXINS 2022 Conference*. New Orleans, LA.

Coles (2021). Advancing team science in Southeast Asia. *Advancing Science in Southeast Asia Virtual Conference*.

Coles (2021). Addressing the multiverse problem via Big Team Science. *Radboud University*. Nijmegen, NL.

Coles (cancelled due to COVID-19): Can you “smile your way to happiness”? A grain of truth in our hyperbolic folk wisdom. *Texas A&M-Texarkana Program for Learning and Community Engagement*. Texarkana, TX.

Coles (2019): The science of smiles, real and fake. *Smokey Mountain MENSA Society*. Knoxville, TN.

Coles (2019). Reviews that never die: The development of living systematic reviews in psychology. *Vrije Universiteit Amsterdam*. Amsterdam, NL.

Coles (2018). A meta-analysis of the facial feedback hypothesis literature. *Tufts University Psychology Brownbag*. Boston, MA.

Coles (2013). A discussion on emotion, happiness, and existential meaning. *UCF Philosophy Society*. Orlando, FL.

Panel Sessions

Networking Big Team Science networks (2021). *PSA-CON 2021*.

Lessons from the “Big Team Science” movement (2021). *MetaScience 2021 Virtual Symposium*.

IJzerman, **Coles**, & Holt-Lunstad (2021). Big Team Science: A way to make our discipline more robust and more relevant? *Virtual Symposium*.

Coles, Aragón, & Mummolo (2021). Revisiting the role of demand characteristics in social science research. *Psychological Science Accelerator Virtual Symposium*.

Oral Presentations

Coles (2021): Addressing the multiverse problem via Big Team Science. *Psychological Science Accelerator Virtual Conference*.

Coles (2021). Demand characteristics moderate, but do not fully account for, the effects of facial feedback on emotional experience. *Society for Affective Science Annual Convention*.

Coles (2021). The rise, fall, and revival of the facial feedback hypothesis. *Society for Personality and Social Psychology Annual Convention*.

Coles, March, Marmolejo Ramos [and 32 others] (2020). The Many Smiles Collaboration: A multi-lab adversarial test of the facial feedback hypothesis. *Psychological Science Accelerator Virtual Conference*.

Coles, March, Marmolejo Ramos [and 32 others] (2019). The Many Smiles Collaboration: A multi-lab adversarial test of the facial feedback hypothesis. *Society of Southeastern Social Psychologists 42nd Annual Meeting*, Johnson City, TN.

Coles, Larsen, & Lench (2017). A meta-analysis of the facial feedback hypothesis literature. *Society of Southeastern Social Psychologists 40th Annual Meeting*, Atlantic Beach, FL.

Larsen & **Coles** (2016). Smiling in the face of disappointment: Emotional facial expressions after games of chance. *Society of Southeastern Social Psychologists 39th Annual Meeting*, Asheville, NC.

Kay, Berry, & **Coles** (2016) Think, act, feel: Catalysts for medical student identity development. *Southern Group on Educational Affairs Meeting*, Austin, TX.

Kay, Berry, & **Coles** (2015). What experiences in medical school trigger professional identity formation? *Southern Group on Educational Affairs Meeting*, Charlotte, NC.

Coles, James, Tran, Sears, & Miller (2015). Students as undergraduate research ambassadors: Perspectives from two universities. *Florida Undergraduate Research Conference*, Daytona, FL.

Coles, Lozano-Baugh, James, Bari, Illegbusi, & Bruno (2014). Students as research ambassadors. *Florida Undergraduate Research Conference*, Miami, FL.

Poster Presentations

Coles, Gaertner, Frohlich, Larsen, Basnight-Brown (2021). Are facial feedback effects solely driven by demand characteristics? An experimental investigation. *Society for Personality and Social Psychology Annual Convention*

Coles, March, Marmolejo Ramos [and 32 others] (2019). The Many Smiles Collaboration: A multi-lab adversarial test of the facial feedback hypothesis. *Society for Personality and Social Psychology Annual Convention*, New Orleans, LA.

Coles, March, Marmolejo Ramos [and 32 others] (2019). The Many Smiles Collaboration: A multi-lab adversarial test of the facial feedback hypothesis. *Meta-Science 2019 Symposium*, Stanford, CA.

Coles, Larsen, & Lench (2018). A meta-analysis of the facial feedback hypothesis literature. *Society for Personality and Social Psychology Annual Convention*, Atlanta, GA.

Jordan, **Coles**, & Larsen (2018). Humor me (with disappointment): Facial reactions to wins & losses. *Society for Personality and Social Psychology Annual Convention*, Atlanta, GA.

Jordan, **Coles**, & Larsen (2017). Humor me (with disappointment): Facial reactions to wins & losses. *Society of Southeastern Social Psychologists Annual Meeting*, Atlantic Beach, FL.

Coles, Jordan, & Larsen (2017). Smiling in the face of disappointment: Emotional facial expressions after games of chance. *Society for Personality and Social Psychology Annual Convention*, San Antonio, TX.

Coles, Jordan, & Larsen (2017). Smiling in the face of disappointment: Emotional facial expressions after games of chance. *Society for Personality and Social Psychology Nonverbal Pre-Conference*, San Antonio, TX.

Coles & Larsen (2016). Beyond self-reports: Are mixed emotions expressed in the face? *Society for Personality and Social Psychology Annual Convention*, San Diego, CA.

Coles & Larsen (2016). Beyond self-reports: Are mixed emotions expressed in the face? *Society for Personality and Social Psychology Emotion Pre-Conference*, San Diego, CA.

Coles, Schneider, & Rovito (2015). Mentoring in undergraduate research: An analysis of research activity alignment, mentoring relationship satisfaction, and student development. *Florida Statewide Symposium: Researching Undergraduate Research*, Orlando, FL.

Schneider, Rovito, **Coles**, & Saitta (2015). STEM first-year mentees and graduate student mentors: Assessing alignment in research apprenticeship activity logs. *Council of Undergraduate Research (CUR) Conference*, Norman, OK.

Coles (2015). The potential psychological barrier in the pursuit of gross national happiness: A psychophysiological investigation of the paradoxical effects of valuing happiness. *Posters at the Capitol*, Tallahassee, FL.

Coles, Walker, Torres, Sims, Richards, & Lum (2015). Judgments of animal emotionality: An evaluation of visual fixation patterns. *Showcase of Undergraduate Research Excellence*, Orlando, FL.

Coles (2015). A review of the paradoxical effects of valuing happiness. *Second Annual Psychology Conference*, Orlando, FL.

Coles (2015). A psychophysiological investigation of the paradoxical effects of valuing happiness. *Florida Undergraduate Research Conference*, Daytona, FL.

Coles, Sims, & Chin (2014). Lay beliefs regarding affectivity, life satisfaction and happiness. *Western Positive Psychology Association Conference*, Claremont, CA.

Coles (2014). Feeling happy vs. believing you're happy: The significant difference. *First Annual Psychology Conference*, Orlando, FL.

Coles (2014). Feeling happy vs. believing you're happy: The significant difference. *National Board of Trustees Presentation*, Orlando, FL.

Coles (2014). Cognitive dimensions of accessibility and recipes for happiness. *Showcase of Undergraduate Excellence*, Orlando, FL.

Coles (2014). How can we study happiness? A proposed working model. *Florida Undergraduate Research Conference*, Miami, FL.

Mentored Presentations

*award-winning

Paris, Brown, Forscher, & **Coles (2020).** Credit where credit is due? An examination of the reliability of crediting behavior in science. *Psychological Science Accelerator Virtual Conference*

Frohlich, Gaertner, Larsen, & **Coles (2019).** Smile and wave: The effect of demand characteristics on the facial feedback effect. *Exhibition of Undergraduate Research and Creative Achievement*, Knoxville, TN.

- *Brown, Staton, Smith, Paris, Forscher, & **Coles** (2019). Credit where credit is due? An examination of the reliability of crediting behavior in science. *Exhibition of Undergraduate Research and Creative Achievement*, Knoxville, TN.
- Smith, March, Larsen, & **Coles** (2019). Sulk 'til you hulk: An examination of the effects of angry facial expression poses on emotional experience. *Exhibition of Undergraduate Research and Creative Achievement*, Knoxville, TN.
- *Smith, March, Larsen, & **Coles** (cancelled due to COVID-19). Sulk 'til you hulk: An examination of the effects of angry facial expression poses on emotional experience. 2020 *Society for Affective Science Conference*, San Francisco, CA.
- *Frohlich, March, Larsen, & **Coles** (2019). Sulk 'til you hulk: An examination of the effects of angry facial expression poses on emotional experience. *Society of Southeastern Social Psychologists 42nd Annual Meeting*, Johnson City, TN.
- *Jernigan (2019). Face the music: Facial expressions of emotion suggest that sad music elicits more positive than negative affect. *Exhibition of Undergraduate Research and Creative Achievement*, Knoxville, TN.
- *Kuelz, Kuribayashi, Larsen, Lench, & **Coles** (2018). A meta-analysis of the facial feedback hypothesis literature. *Exhibition of Undergraduate Research and Creative Achievement*, Knoxville, TN.
- Kuribayashi, Kuelz, Larsen, Lench, & **Coles** (2018). A meta-analysis of the facial feedback hypothesis literature. *CFW Women in STEM Symposium*, Knoxville, TN.
- Kuelz, Kuribayashi, Harp, Myrick, Larsen, & **Coles** (2017). Do facial expressions influence affective experience? A meta-analysis. 3rd *Annual Discovery Day*, Knoxville, TN.
- Harp, Kuribayashi, Myrick, **Coles**, & Larsen (2017). How are you feeling? An evaluation of an indirect measure of emotional states. *Exhibition of Undergraduate Research and Creative Achievement*, Knoxville, TN.
- Kuribayashi, Myrick, Harp, **Coles**, & Larsen (2017). How are you feeling? An evaluation of an indirect measure of emotional states. *CFW Women in STEM Symposium*, Knoxville, TN.
- Harp, **Coles**, & Larsen (2016). Can we experience mixed emotional states? Preliminary findings from an implicit measure of emotion. *UTK Summer Research Scholars Poster Session*, Knoxville, TN.
- Mercer, Larsen, & **Coles** (2016). What is nostalgia? A multi-method investigation of emotional reactions to childhood cartoons. *CFW Women in STEM Symposium*, Knoxville, TN.

Teaching Experience

Instructor of Record

Spring 2020	Introduction to Psychology Research Methods University of Tennessee	Overall evaluation rating = 4.8/5
Fall 2019	Introduction to Psychology Research Methods University of Tennessee	Overall evaluation rating = 4.6/5

Classroom Guest Lectures

2021	Careers in Interdisciplinary Science Honors Psychology Freshman Year Seminar, Avila University
2020	Studying Psychology in the Midst of a Replication Crisis Introduction to Psychology, University of Tennessee
2018, 2019, 2020	Improving the science brickyard: A primer on methodological reform in psychology. Graduate Colloquium in Experimental Psychology, University of Tennessee
2019	Improving the science brickyard: A primer on methodological reform in psychology. Graduate Research Design, University of Tennessee
2016	The rock and seed: The acquisition of knowledge in undergraduate research. Summer Research Academy, University of Central Florida
2015	Thinking and reading like a social scientist. Social Science Research Methods, University of Central Florida
2015	Critically analyzing scientific text. Social Science Research Methods, University of Central Florida

Teaching Assistant

2015-2016	Social Psychology, University of Tennessee
2015	Introduction to Research, University of Central Florida
2014-2015	Cognitive Psychology, University of Central Florida

Educational Panel Participation

2016, 2017 & 2019	Grant writing in graduate school. Graduate Colloquium in Experimental Psychology, University of Tennessee
2016 & 2019	NSF graduate research fellowship program: Faculty/student panel discussion. University of Tennessee

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| 2016 | Funding opportunities for undergraduate researchers.
Summer Research Academy, University of Central Florida |
| 2016 | Preparing for graduate school.
Summer Research Academy, University of Central Florida |

Service

Psychological Science Accelerator (2017-current)

- Director (2021 – current)
- COVID-19 Taskforce (2019 – 2021)
- Project Management Committee Member (2018 – 2021)
- Community Building Committee Member (2018 – 2021)
- Study Selection Reviewer x1

Pipeline: Vols for Women in STEM (2016-2020)

- Mentoring Program Volunteer (2015-2020)
- Finance Officer (2016-2018; over \$7,000 raised and managed)
- Women in STEM Symposium Coordinator (2016-2017; over 300 presenters)
- Committee Member (2015-2018)

UCF Office of Undergraduate Research (2016-2019)

- Office of Undergraduate Research Statistical/Methodological Consultant (2016-2019)
- Office of Undergraduate Research Student Assistant (2015)
- Student Undergraduate Research Council Communications Committee Leader (2014-2015)
- Student Undergraduate Research Council Technology Coordinator (2013-2014)
- Summer Research Academy Peer Mentor (2014)

Conference Submission Review/Judge

- European Association of Social Psychology Submission Reviewer (2019)
- UTK Fall Celebration Poster Award Judge (2018)
- Society of Personality and Social Psychology Student Poster Award Reviewer (2017)
- Exhibition of Undergraduate Research and Creative Achievement Judge (2016 & 2017)
- UCF Health Sciences Research Symposium Judge (2015)

Miscellaneous

- Stanford Psychology Path to PhD Mentor (2021)
- Cochrane Collaboration Member (2017-current)
- Center for Open Science Student Ambassador (2016-current)

Popular Press

Selected Coverage

NPR (2019): The Science of Smiles, Real and Fake.

FiveThirtyEight (2019): Can Smiling Really Make You Happier?

Science Magazine (2021): Can Botox Ease Depression by Eliminating Frowns? Researchers Have Doubts.

Other Coverage

Science Magazine Podcast (2021), Wired (2020), Extension13 (2020), ProGambler (2020), Factist (2020), Tech Wardrobe (2020), InfoShack (2020), The Revolutionary (2020), Techosmo (2020), Noz News (2020), Crissly (2020), KBC (2020), Digital Lifestyle Serve (2020), WebMD (2019), The Independent (2019), Daily Mail (2019), London Economic (2019), Business Standard (2019), News Medical (2019), Drugs.com (2019), Futurity (2019), The Sun (2019), Yahoo! (2019), StudyFinds (2019), ABC13 (2019), Science Alert (2019), Metro (2019), Earth.com (2019), CBS Austin (2019), Philly Voice (2019), Financial Express (2019), Cognition Today (2019), Fox17 (2019), MSN (2019), Arnold Ventures (2019), Cursor (2020)

Blog Posts and Other Scientific Products

Coles, Forscher, Flake, DeBruine, and Jones (2021). Promises and challenges of Big Team Psychology. *Nature Community*

Van den Akker, Peters, Bakker [and 13 others, including **Coles**] (2020). Inclusive systematic review registration form. *PsyArXiv*

Forscher, Noyce, DeBruine, Jones, Flake, **Coles**, & Chartier (2020). Incentivizing discovery through the PSA001 Secondary Analysis Challenge. *Psychological Science Accelerator*

Coles (2020). The Red Team Challenge (Part 1): Why I placed a bounty on my own research. *The 100% CI*

Coles, Tiokhin, Arslan, Forscher, Scheel, & Lakens (2020). The Red Team Challenge. *The 20% Statistician*

Chartier, Coles, & IJzerman (2019). The Psychological Science Accelerator: Building a “CERN For Psychology”. *Science Trends*

Coles (2019) Using decision theory to justify your alpha. *The 20% Statistician*.

Professional Membership

Society for Personality and Social Psychology (2015-current)
Society for the Improvement of Psychological Science (2018-current)
Association for Psychological Science (2016-2017)
American Psychological Association (2014-2016)
Society of Psychophysiological Research (2014 -2015)
International Positive Psychology Association (2014 - 2015)

Ad Hoc Reviewer Work

Emotion Review (4)
Emotion (2)
Nature Scientific Reports (2)
Personality and Social Psychology Review (1)
Experimental Psychology (1)
Journal of Counseling Psychology (2)
Meta-Psychology (1)
Cognitive Processing (1)

Scandinavian Journal of Psychology (2)