

Summer Mengelkoch, PhD

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Research Experience

STANFORD HEALTH | DEPARTMENT OF GENETICS | SNYDER LAB

- Visiting Postdoctoral Scholar – October 2022 to present

UNIVERSITY OF CALIFORNIA – LOS ANGELES | PSYCHIATRY AND BIOBEHAVIORAL SCIENCES | UCLA STRESS LAB

- Postdoctoral Researcher – August 2022 to present

TEXAS CHRISTIAN UNIVERSITY | EOS BIOANALYTICS

EOS BioAnalytics is a non-profit organization which provides low-cost biological assay services and expertise to researchers

- Co-Founder and Lead Research Scientist – July 2020 to present

TEXAS CHRISTIAN UNIVERSITY | HILL EVOLUTIONARY SOCIAL PSYCHOLOGY LAB

- Graduate Researcher – August 2017 to May 2022
- Lab Manager – January 2018 to August 2019

UNIVERSITY OF MINNESOTA | SOCIAL INTERACTION LAB

- Research assistant – September 2011 to June 2013 & September 2015 to May 2017

Education

DOCTOR OF PHILOSOPHY | MAY 2022 | TEXAS CHRISTIAN UNIVERSITY

Experimental Psychology with a concentration in Evolutionary Social Psychology; Minor in quantitative psychology

Dissertation Title: Distressed About the Stress Response: Associations Between Hormonal Contraceptive Use and Women's Stress Response, Inflammation, and Mood

Dissertation Supervisor: Dr. Sarah E. Hill

MASTER OF SCIENCE | MAY 2020 | TEXAS CHRISTIAN UNIVERSITY

Experimental Psychology with a concentration in Evolutionary Social Psychology

Thesis Title: Mechanism Behind the Madness: Increased Perceptual Acuity for Mating Related Stimuli at Ovulation

Master's Supervisor: Dr. Sarah E. Hill

BACHELOR OF ARTS | DECEMBER 2013 | UNIVERSITY OF MINNESOTA

Psychology major with a minor in Anthropology

Leadership

- Workgroup chair for the Community Partnerships workgroup within the California Stress Trauma and Resilience (Cal Star) network (January 2022 – present)
- Student representative for the executive council of the Human Evolution and Behavior Society (July 2021 – July 2023)
- Co-founder + Co-organizer, “Corona Stole My Conference: Online Graduate Student Research Symposium” (June 2020)
 - The conference included several themed symposia, discussion boards/rooms, and social media awareness. This virtual event was attended by over 80 graduate students from five countries.

Publications, Oral Presentations, and Poster Presentations

MANUSCRIPTS ACCEPTED:

Mengelkoch, S., Slavich, G., & Hill, S. E. (2023). Hormonal Contraceptive Use is Associated with Differences in Women's Inflammatory and Psychological Reactivity to an Acute Social Stressor. *Brain, Behavior, and Immunology*, 115, 747-757.

Mengelkoch, S., Moriarity, D. P., Novak, A. M., Snyder, M. P., Slavich, G. M., & Lev-Ari, S. (2023). Using Ecological Momentary Assessments to Study How Daily Fluctuations in Psychological States Impact Stress, Well-Being, and Health. *Journal of Clinical Medicine*, 13(1), 24.

Mengelkoch, S., Schüssler-Fiorenza Rose, S.M., Lautman, Z., Alley, J. C., Roos, L. G., Ehlert, B., Moriarity, D.P., Lancaster, S., Snyder, M. P., & Slavich, G.M. (2023). Using Multi-omics to Expand the

Horizon of Psychoneuroimmunology and Health Research. *Brain, Behavior, and Immunology*, 114, 475-487.

Mengelkoch, S., Espinosa, M., Butler, S. A., Joigneau Prieto, L., Russell, E., Ramshaw, C., Nahavandi, S., & Hill, S. E. (2023). Tuuned In: Use of an Online Decision Aid Increases Women's Reproductive Self-Efficacy and Knowledge; Results of an Experimental Clinical Trial. *BMC Digital Health*, 1, 36.

Moriarity, D.P., **Mengelkoch, S.**, & Slavich, G.M. (2023). Incorporating causal inference perspectives into psychoneuroimmunology: A simulation study highlighting concerns about controlling for adiposity in immunopsychiatry. *Brain, Behavior, and Immunology*, 113, 259-266.

Slavich, G. M., **Mengelkoch, S.**, & Cole, S. (2023) Human social genomics: Concepts, mechanisms, and implications for health. *Lifestyle Medicine*, 1-15.

Slavich, G. M., **Mengelkoch, S.**, Webb, C., Roos, L. G., Shattuck, E. C., Alley, J. C., Moriarity, D. P. Social Safety Theory: Conceptual Foundation and Future Directions. (2023). *Health Psychology Review*, 1-65.

Hill, S. E & **Mengelkoch, S.** (2022). Moving Beyond the Mean: Promising Pathways for Research to Support a Precision Medicine Approach to Hormonal Contraception. *Frontiers in Neuroendocrinology*, 101042

Mengelkoch, S., Gassen, J., Prokosch, M.L., Boehm, G. W., & Hill, S. E. (2022). More than just a pretty face? Relationship between attractiveness and health *Proceedings of the Royal Society B*, 289(1969), 20212476.

Cunningham, K., **Mengelkoch, S.**, Gassen, J., & Hill, S. E. (2022). Early Life Adversity, Inflammation, and Immune Function: A Critical Test of Adaptive Response Models of Immunological Programming. *Development and Psychopathology*, 34(2), 539-555.

Mengelkoch, S., Gassen, J., Corrigan, E. K., & Hill, S. E. (2022). Exploring the links between personality and immune function. *Personality and Individual Differences*, 184, 111179.

Bradshaw, H. K., **Mengelkoch, S.**, Espinosa, M., Darrell, A., & Hill, S. E. (2021). You are what you (are willing to) eat: Willingness to try new foods impacts perceptions of sexual unrestrictedness and desirability. *Personality and Individual Differences*, 182, 111082.

Gassen, J., White, J. D., Peterman, J. L., **Mengelkoch, S.**, Leyva, R. P. P., Prokosch, M. L., Eimerbrink, M. J., Brice, K., Cheek, D. J., Boehm, G.W. & Hill, S. E. (2021). Sex differences in the impact of childhood socioeconomic status on immune function. *Scientific Reports*, 11(1), 1-10.

- Leyva, R. P. P., **Mengelkoch, S.**, Gassen, J., Ellis, B. J., Russell, E. M., & Hill, S. E. (2020). Low socioeconomic status and eating in the absence of hunger in children aged 3–14. *Appetite*, 104755.
- Gassen, J., **Mengelkoch, S.**, Bradshaw, H. K., & Hill, S. E. (2020). Does the Punishment Fit the Crime (and Immune System)? A Potential Role for the Immune System in Regulating Punishment Sensitivity. *Frontiers in Psychology*, 11.
- Bradshaw, H. K., **Mengelkoch S.**, & Hill, S. E. (2020). Hormonal Contraceptive Use Predicts Decreased Perseverance and Performance on Simple and Cognitively Taxing Tasks. *Hormones and Behavior*. 119, 104652.
- Mengelkoch, S.** & Hill, S. E. (2020). Early Life Disadvantage, Phenotypic Programming, and Health Disparities. *Current Opinion in Psychology*. 32, 32-37.
- Gassen, J., Proffitt Leyva, R.P., **Mengelkoch, S.**, White, J., Peterman, J., Prokosch, M.L., Bradshaw, H.K., Eimerbrink, M., Cheek, D. J., Boehm, G.W., & Hill, S.E. (2019). Day length predicts investment in human immune function: Shorter days yield greater investment. *Psychoneuroendocrinology*, 107, 141-147.

MANUSCRIPTS SUBMITTED:

- Mengelkoch, S.**, & Slavich, G. M. Sex Differences in Stress Susceptibility as a Key Mechanism Underlying Depression Risk. Invited manuscript submitted to *Current Psychiatry Reports*.
- Mengelkoch, S.**, Gassen, J., Lev-Ari, S., Alley, J. C., Schüssler-Fiorenza Rose, S.M., Snyder, M. P., & Slavich, G.M. (2023). Multi-Omics in Stress and Health Research: Study Designs that Will Drive the Field Forward. Manuscript submitted to *Stress*.
- Gassen, J., **Mengelkoch, S.**, Shanmugam, D., & Hill, S. E. Longitudinal Changes in Desire and Attraction Among Women Who Have Discontinued Hormonal Contraceptives: A Preregistered Study of 1,596 Natural Cycles® Users. Manuscript submitted to *Hormones and Behavior*.
- Mengelkoch, S.**, Cunningham, K., Gassen, J., Targonskaya, A., Zhaunova, L., Salimgaraev, R., & Hill, S. E. Tradeoffs between investment in health and reproduction using FLO app cycle tracking data. Manuscript submitted to *Scientific Reports*.
- Espinosa, M., **Mengelkoch, S.**, Butler, S. A., Joigneau Prieto, L., Russell, E., Ramshaw, C., Nahavandi, S., & Hill, S. E. The effectiveness of digital decision aid at reducing decisional conflict and increasing

positivity toward contraceptive use: the results of an experimental clinical trial. Manuscript submitted to *Women's Health*.

Cunningham, K., **Mengelkoch, S.**, Bradshaw, H. K., Mittal, C., & Hill, S. E. Biased self-assessments under scarcity: The role of childhood socioeconomic status. Manuscript submitted to *Personality and Social Psychology Bulletin*.

Mengelkoch, S., Hastings, S., & Hill, S. E. Music to my ovaries? Women detect more errors in musical stimuli when estradiol levels are high. Manuscript submitted to *Hormones and Behavior*.

Cunningham, K., Leyva, R. P. P., **Mengelkoch, S.**, Gassen, J., Willis, J., & Hill, S. E. Low Childhood Socioeconomic Status Predicts Obesogenic Dysregulation of Satiety Hormone GLP-1. Manuscript submitted to *Health Psychology*.

Kim, L. Y., Schüssler-Fiorenza Rose, S. M., **Mengelkoch, S.**, ... Slavich, G. M. Stress and Resilience Study Protocol: A Multiomics-Based Randomized Controlled Trial to Elucidate the Biology of ACEs and Test a Scalable Precision Stress Management Intervention for Normalizing Biopsychosocial Functioning and Enhancing Resilience. Manuscript submitted to *Stress*.

Gilgoff, R., **Mengelkoch, S.**, Elber, J., Kotz, K., Radin, A., Pasumarthi, I., Murthy, R., Sindher, S., Burke Harris, N., Slavich, G. M. From Cells to Solutions: A Stress Biology Framework for Assessing and Therapeutically Targeting Toxic Stress. Manuscript submitted to *Stress*.

Signa, K., & **Mengelkoch, S.** Does Domestic Violence Decrease as Women Age? Understanding the Patterns of Domestic Violence in India. Manuscript submitted to *The Journal of the Evolutionary Studies Consortium*.

Gassen, J., **Mengelkoch, S.**, & Slavich, G. M. Human Immune and Metabolic Biomarker Levels Vary by Season: Implications for Biomedical Health Research. Manuscript submitted to *Brain, Behavior, & Immunology*.

MANUSCRIPTS IN PREPARATION (data collected and analyzed):

Tolliver, M., **Mengelkoch, S.**, Cunningham, K., Bloshinsky, A., Hill, S., & Makhanova, A. (2023). The Association Between Progestin Generation in Hormonal Contraceptives and Sociosexuality. Manuscript in preparation for resubmission to *Psychoneuroendocrinology*.

Makhanova, A., Tolliver, M., Buckner, Z., Shields, G. S., Hunter, C. L., **Mengelkoch, S.**, ... & Schulz, T. K. (2023). Immune System and Intergroup Bias: Increases in Cytokines Associated with Worse

Evaluations of Resume for Latina Job Applicant. Manuscript in preparation for submission to *Journal of Personality and Social Psychology*.

Mengelkoch, S., Alley, J. C., Cole, S., & Slavich, G. M. Genomic Evidence of HPA Axis Dysregulation in Adolescent Girls at Risk for Depression. Manuscript in preparation for submission to *Brain, Behavior, & Immunology*.

INVITED SPEAKER ORAL PRESENTATIONS:

Mengelkoch, S. (February 2024). Invited Speaker. Interdisciplinary approaches to complex problems: A personalized intervention study to mitigate the effects of early life stress on adult stress and health. Society for Personality and Social Psychology Conference (SPSP) Evolutionary Psychology Preconference. San Diego, California.

Mengelkoch, S. (November 2021). Invited Speaker. Mechanism Behind the Madness: Increased Perceptual Acuity for Mating Related Stimuli Across the Cycle Driven by Shifts in Estradiol. ASU graduate student speaker series. Virtual Event.

Mengelkoch, S. (May 2021). Invited Discussant. Economics & Biology Workshop hosted by the Institute for Advanced Study in Toulouse and the Toulouse School of Economics. Topic: "Fertility: Causes & Consequences". Virtual Event.

Mengelkoch, S., Hill, S.E., & Gassen, J. (June 2018). Invited Speaker. More than Just a Pretty Face: Relationships Between Facial Attractiveness, Health, and Immune Function. Invited talk in conjunction with the Fort Worth Museum of Science and History: PUBLIC Knowledge series. Fort Worth, Texas.

ORAL PRESENTATIONS:

Mengelkoch, S., Slavich, G., & Hill, S.E. (August 2023). Distressed About the Stress Response: Hormonal Contraceptive Use and Women's Inflammatory Response to Psychosocial Stress. Talk accepted to the annual meeting of International Society for Evolution, Medicine, and Public Health (ISEMPH). Irvine, California.

Mengelkoch, S., Slavich, G., & Hill, S.E. (June 2023). Distressed About the Stress Response: Hormonal Contraceptive Use and Women's Inflammatory Response to Psychosocial Stress. Talk accepted to the annual meeting of Human Behavior and Evolution Society Conference (HBES). Palm Springs, California.

- Mengelkoch, S., Slavich, G., & Hill, S.E.** (April 2023). Distressed About the Stress Response: Hormonal Contraceptive Use and Women's Inflammatory Response to Psychosocial Stress. Talk accepted to the annual meeting of the Northeastern Evolutionary Psychology Society (NEEPS). New Paltz, New York.
- Mengelkoch, S., Slavich, G., & Hill, S.E.** (March 2023). Distressed About the Stress Response: Hormonal Contraceptive Use and Women's Inflammatory Response to Psychosocial Stress. Talk accepted to the annual meeting of the American Psychosomatic Society (APS). San Juan, Puerto Rico.
- Mengelkoch, S., & Hill, S.E.** (October 2022). Music to my ovaries? Women notice more errors in musical stimuli when estradiol levels are high. Talk accepted to the Zombie Apocalypse Medicine Meeting (ZAMM). Virtual conference.
- Mengelkoch, S., & Hill, S.E.** (June 2022). More than just a pretty face? The relationship between immune function and perceived facial attractiveness. Talk accepted to the annual meeting of Human Behavior and Evolution Society Conference (HBES) New Investigator Award competition. Virtual conference.
- Mengelkoch, S., & Hill, S.E.** (April 2022). Music to my ovaries? Women notice more errors in musical stimuli when estradiol levels are high. Data blitz talk accepted to the annual meeting of the Northeastern Evolutionary Psychology Society (NEEPS). Pittsburgh, Philadelphia.
- Mengelkoch, S., & Hill, S.E.** (February 2022). Music to my ovaries? Women notice more errors in musical stimuli when estradiol levels are high. Data blitz talk accepted to Society for Personality and Social Psychology Conference (SPSP) Evolutionary Psychology Preconference. San Francisco, California.
- Mengelkoch, S., Gassen, J., Hill, S. E.** (July 2021) Early-life stress predicts glucocorticoid insensitivity in adulthood: an experimental, *in vivo* investigation. Talk accepted to the annual meeting of the Northeastern Evolutionary Psychology Society (NEEPS). Virtual event.
- Mengelkoch, S., Gassen, J., Hill, S. E.** (July 2021) Early-life stress predicts glucocorticoid insensitivity in adulthood: an experimental, *in vivo* investigation. Talk accepted to the annual meeting of the International Society for Evolution, Medicine, and Public Health (ISEMPH). Virtual event.
- Mengelkoch, S. & Hill, S. E.** (March 2021). Distressed About the Stress Response: The Impact of Hormonal Contraceptive Use on Women's Responses to Stress. Talk accepted to Texas Christian University's St. Patrick's Day Research Social. Virtual Event.

Mengelkoch, S. & Hill, S. E. (October 2020). Is it just a pretty face? The Relationship Between Perceptions of Facial Attractiveness, Perceptions of Health, and Functional Measures of Immunocompetence. Talk accepted to Texas Christian University's Halloween Research Social. Virtual Event.

Mengelkoch, S., Cunningham, K., & Hill, S. E. (October 2020). Pack extra condoms in your go bag: An investigation into women's libido after discontinuing hormonal contraceptive use. Talk accepted to the Zombie Apocalypse Medicine Meeting (ZAMM). Virtual Conference.

Mengelkoch, S. & Hill, S. E. (June 2020). Early Life Environments, Health, Inflammation, and Impulsivity in Children. Data blitz talk accepted to the Corona Stole my Conference Online Graduate Student Research Symposium. Virtual Conference.

Mengelkoch S., Bradshaw, H. K., & Hill, S. E. (August 2019). Hormonal Contraceptive Use Predicts Decreased Perseverance and Performance on Simple and Cognitively Taxing Tasks. Data blitz talk accepted to the annual meeting of the Flyover State Scientists Integrating EvoLution (FOSSIL). Stillwater, Oklahoma.

Mengelkoch, S., Hill, S.E., Gassen, J., Prokosch, M.L., Eimerbrink, M., White, J., Proffitt Leyva, R.P., Peterman, J., & Boehm, G.W. (June 2019) But Baby It's Cold Outside: Seasonal Differences in Immune Function and Reproductive Investment in Humans. Talk accepted to the annual meeting of the Northeastern Evolutionary Psychology Society (NEEPS). Boston, Massachusetts.

Mengelkoch, S., Gassen, J., & Hill, S. E. (June 2019). More than Just a Pretty Face: The relationship between facial attractiveness and three key measures of immunocompetence. Talk accepted to the annual meeting of Human Behavior and Evolution Society Conference (HBES). Boston, Massachusetts.

Mengelkoch, S., Hill, S.E., (July 2018) Are healthy dates sexier mates? Exploring relationships between men's health and mate value. Talk accepted to the annual meeting of Human Behavior and Evolution Society Conference (HBES). Amsterdam, Netherlands.

Mengelkoch, S., Hill, S.E., Gassen, J., Prokosch, M.L., Eimerbrink, M., White, J., Proffitt Leyva, R.P., Peterman, J., & Boehm, G.W. (July 2018) But Baby It's Cold Outside: Seasonal Differences in Immune Function and Reproductive Investment in Humans. Talk accepted to the annual meeting of Human Behavior and Evolution Society Conference (HBES). Amsterdam, Netherlands.

Mengelkoch, S., Hill, S.E. (April 2018) Does a pretty face lead to healthier dates? The relationship between Attractiveness, health, and immune function. Three-Minute Thesis Competition, Texas Christian University

Mengelkoch, S., Hill, S.E., Gassen, J., Prokosch, M.L., Eimerbrink, M., White, J., Proffitt Leyva, R.P., Peterman, J., Boehm, G.W. (March 2018) More than just a pretty face: Relationships facial attractiveness, health, and immunocompetence. Talk accepted to the annual meeting of Society for Personality and Social Psychology Conference (SPSP). Atlanta, GA.

Mengelkoch, S., Hill, S.E. (November 2017) Does a pretty face lead to healthier dates? The relationship between attractiveness and health. Three-Minute Thesis Competition, Texas Christian University, College of Science & Engineering.

POSTERS AND MENTEE TALKS:

Mishra, A., & **Mengelkoch, S.** (April 2023) Work hard, Play hard: Within woman shifts in grit across the ovulatory cycle. Poster accepted at the annual meeting of the Northeastern Evolutionary Psychology Society (NEEPS). New Paltz, New York.

Sinha, K., & **Mengelkoch, S.** (April 2023) Does Domestic Violence Decrease as Women Age? Understanding the Patterns of Domestic Violence in India. Talk accepted at the annual meeting of the Northeastern Evolutionary Psychology Society (NEEPS). New Paltz, New York. (Mentee talk)

Mengelkoch, S. & Hill, S. E. (November 2021). More than just a pretty face? The relationship between immune function and perceived facial attractiveness. Poster accepted to the annual Harvard Women in Psychology (WiP) Trends in Psychology Summit. Virtual event.

Phillips, J., **Mengelkoch, S.,** & Henderson, C. (November 2021). The Moderating Role of Anti-Blackness and Coping on the Association between Perceived Racism and Health Behaviors. Poster accepted to the annual meeting of Texas Psychological Association Conference (TPA). Virtual Event.

Mengelkoch, S., Gassen, J., & Hill, S. E. (June 2021) Early-life stress predicts glucocorticoid insensitivity in adulthood: an experimental, *in vivo* investigation. Poster accepted to the annual meeting of Human Behavior and Evolution Society Conference (HBES). Virtual event.

Mengelkoch, S., Bradshaw, H. K., & Hill, S. E. (January 2020). Financial Concerns Foster (Perceptions of) Female Competition: The Impact of Resource Scarcity on Perceptions of Women's Same-Sex Competitiveness. Interdisciplinary Cooperation Winter School. Phoenix, AZ.

Barcela, G., Short, T., **Mengelkoch, S.,** Gassen, J., & Hill, S. E. (June 2019). Early Life Environmental Factors, Impulsivity, & Inflammation in Children. Fort Worth Museum of Science and History. Fort Worth, TX.

Short, T., **Mengelkoch, S.,** Gassen, J., & Hill, S. E. (April 2019). Early Life Environmental Factors, Impulsivity, & Inflammation in Children. Texas Christian University Student Research Symposium (SRS). Fort Worth, TX.

Hayes, R., Kloess, M., **Mengelkoch, S.,** & Hill, S. E. (April 2019). Ovulation, Stimulus Discrimination, and Mate Preferences. Texas Christian University Student Research Symposium (SRS). Fort Worth, TX.

Mengelkoch, S., Proffitt Leyva, R.P., Gassen, J., Russell, E.M., Hill, S.E. (February 2019). Environmental Unpredictability in Childhood Predicts Eating in the Absence of Hunger. Society for Personality and Social Psychology Conference (SPSP). Portland, Oregon.

Peterson, C., Calvo, E., Gassen, J., **Mengelkoch, S.,** & Hill, S.E. (April 2018). Perceived Immune Quality and Disassortative Mating: An Experimental Approach. Texas Christian University Student Research Symposium (SRS). Fort Worth, TX.

Loyd, L., **Mengelkoch, S.,** Gassen, J., Hill, S.E. (April 2018). More than just a pretty face: Relationships, facial attractiveness, health, and immunocompetence. Texas Christian University Student Research Symposium (SRS). Fort Worth, TX.

Calvo, E., Gassen, J., **Mengelkoch, S.,** & Hill, S.E. (March 2018). Perceived Immune Quality and Disassortative Mating: An Experimental Approach. Society for Personality and Social Psychology Conference (SPSP). Atlanta, GA.

Mentoring Experience

Texas Christian University, College of Science & Engineering Student Research Award (SERC) (\$900 "The Effects of Paternal Disengagement on Women's Self-Perceived Mate Value" awarded October 2020; Mentor)

Texas Christian University, John V. Roach Honors College Undergraduate Research Grant Award

(\$2,660.27 “Examining the Relationship Between an Individual’s Childhood and Current Environmental Factors and Inclination to Engage in Physical Exercise in Adulthood” awarded December 2019; Mentor)

Texas Christian University, John V. Roach Honors College Undergraduate Research Grant Award

(\$3,990, “Ovulation and stimulus discrimination” awarded September 2018; Mentor)

Texas Christian University, College of Science & Engineering Student Research Award (SERC) (\$1,500,

“Ovulation and stimulus discrimination” awarded April 2018; Mentor)

Texas Christian University, College of Science & Engineering Student Research Award (SERC) (\$1,500,

“Impulsivity and Inflammation in Children” awarded October 2018; Mentor)

Texas Christian University, College of Science & Engineering Student Research Award (SERC) (\$1,200,

“More than Just a Pretty Face: Examining Facial Attractiveness, Perceived, and Actual Health” awarded October 2017; Mentor)

Scholarships and Awards

Human Behavior Evolution Society (HBES), “New Investigator Award” (\$500, June 2022)

Texas Christian University, Office of Graduate Studies, “Outstanding Graduate Service Award” (\$500, May 2022)

Northeastern Evolutionary Psychology Society (NEEPS), “Best Blitz” award (April 2022)

Texas Christian University, College of Science & Engineering Graduate Student Research Award (SERC)

(\$1,500, “Distressed About the Stress Response: The Impact of Hormonal Contraceptive Use on Women’s Responses to Stress”, May 2021)

Three-Minute Thesis Competition Runner Up and People’s Choice award winner, Texas Christian University, (\$1,750, April 2018)

Three-Minute Thesis Competition Runner Up, Texas Christian University, College of Science & Engineering (\$750, November 2017)

Graduate Teaching Assistantship, Texas Christian University (\$19,750 annually, August 2017-present)

Dave Larson scholarship, University of Minnesota (\$5,000 annually, 2011 - 2013)

Lucky Waller scholarship, University of Minnesota (\$3,000 annually, 2011 - 2013)

U Promise scholarship, University of Minnesota (\$250 annually, 2011 - 2013)

Teaching Experience

TEACHING ASSISTANT | TEXAS CHRISTIAN UNIVERSITY | AUGUST 2017 TO PRESENT

- SOCIAL PSYCHOLOGY – JANUARY 2021 TO MAY 2021; JANUARY 2022 TO MAY 2022
- GENERAL PSYCHOLOGY - AUGUST 2017 TO DECEMBER 2017; AUGUST 2020 TO DECEMBER 2020
- PRICIPALS OF BEHAVIOR - JANUARY 2018 TO MAY 2018; JANUARY 2020 TO MAY 2020
- MEMORY AND COGNITION – AUGUST 2019 TO DECEMBER 2019; AUGUST 2021 TO DECEMBER 2021
- PERSONALITY PSYCHOLOGY – JANUARY 2019 TO MAY 2019
- EVOLUTIONARY PSYCHOLOGY – AUGUST 2018 TO DECEMBER 2018; AUGUST 2021 TO DECEMBER 2021

GUEST LECTURER | TEXAS CHRISTIAN UNIVERSITY

Lecture: “Social Influence” | Course: Social Psychology | March 2022

Lectures: “Adaptations” & “Sub-selves” | Course: Evolutionary Psychology | September 2021

Lecture: “Kin Relationships” | Course: Social Psychology | April 2021

Lecture: “Adaptive Cognitive Biases” | Course: Memory and Cognition | November 2019

Lecture: “Women’s Fertility” | Course: Psychology of Love | May 2018

Lectures: “Life History Theory” & “Sexual Conflict” | Course: Evolutionary Psychology | November – December 2018

PAL FACILITATOR | UNIVERSITY OF MINNESOTA | INTRODUCTION TO PSYCHOLOGY | AUGUST 2012 TO JUNE 2013

Workshops and Professional Development

Texas Christian University: “Mitigating Unconscious Bias Workshop” (April 2021)

Texas Christian University: “Interrupting Microaggressions Workshop” (March 2021)

Salimetrics: “Salivary Bioscience Workshop” (February 2021)

Arizona State University: “Interdisciplinary Cooperation Winter School” (January 2020)

National Science Foundation (NSF): “NSF Grants Conference” livestream attendance (November 2019)

College of Science & Engineering: Effective Science Communication Workshop: “Jargon is Jibberish” (November 2017)

College of Science & Engineering: “Scientific Graphics” workshop (November 2017)

Selected Media Coverage

Medical News Today. (March 1, 2022). Individuals considered physically attractive may boast stronger immune systems.

New Scientist. (February 16, 2022). We seem to find people with a strong immune system more attractive.

The Times (UK). (August 2, 2021). Pick a fussy eater if you want a bland date.

PsyPost. (January 23, 2020). Women taking hormonal contraceptives have reduced perseverance on cognitive tasks, study finds.

Professional Affiliations

California Stress Trauma and Resilience (Cal STAR) Network (January 2022 – present)

-Co-chair of the “Community Partnerships” workgroup

Society for Human Evolution and Behavior (February 2017 – present)

-Student representative of executive council (July 2021 – July 2023)

Society for Personality and Social Behavior (August 2017 – present)

International Society for Evolution, Medicine, & Public Health (February 2020 – present)

American Psychological Society (December 2018 – December 2019; January 2023 - present)

American Psychosomatic Society (January 2023 - present)

Service

UCLA | 2022 TO PRESENT

Mentored two remote research assistants from India (2022-2024)

-Mentees presented two posters and one talk at a regional conference

TEXAS CHRISTIAN UNIVERSITY | 2016 TO 2022

Awarded “Outstanding Graduate Service Award” by Texas Christian University’s Office of Graduate Studies (2022)

Served as a judge for the 2022 CSE Honors Research Forum at Texas Christian University (April 2022)

Served as a Medical Student Poster Award Judge at UNT Health Science Center (2017, 2018, 2021, & 2022)

Served as an Ad-Hoc Reviewer for Adaptive Human Behavior & Physiology (2022)

Served as an Ad-Hoc Reviewer for Evolutionary Behavioral Sciences (2020, 2021, & 2022)

Invited panelist for “Graduate School Panel” hosted by Texas Christian University (February 2021)

Supervised writing of seven successful undergraduate research grants

Served as a committee member for one undergraduate student’s honors thesis

Mentored six undergraduate students for their honors projects

Mentored professional development and research training of over 30 undergraduate research assistants

- Initiated a research article discussion group to teach undergraduate students to critically analyze research papers

- Organized a virtual professional development program during shelter in place quarantine

Skills

Laboratory Skills

Phlebotomy: straight needle, butterfly needle, and intravenous catheters

Saliva, serum, plasma, and cell culture supernatant collection, processing, and assaying for hormonal and immunological analytes (e.g., using ELISAs or multiplexing technologies)

Novel assay development and optimization

Dried blood spot collection and analysis for field research

Quantitative Skills

Linear and non-linear regression

Analysis of variance (ANOVA)

Multilevel, mixed-effects, and cross-classified models

Structural equation modeling and latent variable modeling

Cluster and latent class analyses

Monte Carlo simulations for power analysis

Statistical programs: MPlus, SPSS, HLM

General Skills

Excels in project management

Proficient in reading, writing, and speaking French