

Katherine L. Goldey

Department of Psychology and Behavioral Neuroscience
School of Behavioral and Social Sciences (BSS)
St. Edward's University
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EDUCATION

University of Michigan, Ann Arbor, MI

Ph.D., Biopsychology (2015)

Dissertation Title: Multi-Method Approaches to Understanding Bidirectional Links Between Sexuality and Testosterone in Women

Advisor: Dr. Sari M. van Anders; Committee Members: Dr. Jill Becker, Dr. Jacinta Beehner, Dr. Terri Conley

M.S., Biopsychology (2011)

Master's Thesis: Effects of Sexual Thoughts on Testosterone and Cortisol in Women and Men

Advisor: Dr. Sari M. van Anders

Southwestern University, Georgetown, TX

B.A., Animal Behavior, Summa Cum Laude (2008)

Independent Research Project: The Role of the Medial Amygdala in Mate Preference of Female Rats

Advisor: Dr. Fay A. Guarraci

PROFESSIONAL POSITIONS

St. Edward's University, Austin, TX

Assistant Professor of Psychology & Behavioral Neuroscience (Aug. 2015 – present)

TEACHING INTERESTS

Research Methods; Animal Behavior; Learning and Cognition; General Psychology; Statistics; Human Sexuality; Psychology of Women and Gender; Hormones and Behavior; Evolution and Behavior; Behavioral Neuroscience

RESEARCH INTERESTS

Hormones and Sexuality; Social Modulation of Physiology; Gender, Sex, and Sexual Minorities; Pair Bonding/Romantic Relationships; Competition; Evolution; Multi-Method Research

FELLOWSHIPS & GRANTS

FACULTY

- Mamie Phipps Clark Diversity Research Grant, Psi Chi (with student Ana Vielma)
- Dr. Emma Lou Linn Endowed Student-Faculty Research Grant, St. Edward's University (with Dr. Moira Martin and students Sophie Guzman and Natalie Nichols in 2019; with students Jennifer Gray, Emilie Montemayor, and Marlaina Widmann in 2017)
- Summer Presidential Excellence Grant, St. Edward's University (2016, 2017, 2018, 2019)
- Small Research Grant, Society for Personality and Social Psychology (2016)
- Technology for Innovative Learning and Teaching Pilot Project Grant, St. Edward's University (with Dr. Raelynn Deaton-Haynes; for *Hormones and Behavior* course in Spring 2017)

GRADUATE

- National Science Foundation Graduate Research Fellowship (2010-2015)
- Rackham Predoctoral Fellowship, University of Michigan (2014-2015)
- Sweetland Writing Center Teaching Fellowship, University of Michigan (2013)
- APA Dissertation Research Award, American Psychological Association (2013)

- Research Grant for Scholarship Focusing on Women and Gender, University of Michigan (2013)
- Pillsbury Graduate Research Award, University of Michigan Psychology Department (2013)
- Barbara A. Oleshansky Award, University of Michigan Psychology Department (2012)

AWARDS

FACULTY

- BSS Service Award, St. Edward's University (2019)
- BSS Faculty Research Award, St. Edward's University (2018)

GRADUATE

- Rackham Outstanding Graduate Student Instructor Award, University of Michigan (2015)
- Mattison & McWhirter Student Paper Presentation Award, Society for the Scientific Study of Sexuality (2014)
- Best Brief Communication (Oral Presentation), International Academy of Sex Research (2014)
- Honorable Mention, Florence P. Haseltine Award for Best New Investigator Poster Presentation, Organization for the Study of Sex Differences (2010)

TEACHING EXPERIENCE

St. Edward's University

- Research Methods in Psychology (Fall 2015 - Spring 2017, Fall 2018)
- Learning and Cognition (Fall 2015 – Spring 2017, Spring 2018, Fall 2018)
- Behavioral Neuroscience (Fall 2015 – Fall 2016)
- Hormones and Behavior (Spring 2017)
- Animal Behavior (Spring 2018, Spring 2019)
- Research and Field Experience (Spring 2018, Spring 2019)
- General Psychology (Spring 2019)

University of Michigan

- Independent Instructor:
 - Survey of Research Methods (Fall 2014)
 - Popular Science Writing (first-year writing seminar) (Fall 2013)
- Teaching Assistant:
 - Introduction to Psychology (Spring 2013)
 - Introduction to Animal Behavior (Fall 2012)
 - Research Methods in Psychology (Fall 2010)

Southwestern University

- Teaching Assistant: Research Methods in Psychology (2006-2008)

INVITED GUEST LECTURES & WORKSHOPS

- Race for the CURE: Lessons learned from a team-taught, multidisciplinary curriculum-based research experience, with Dr. Raelynn Deaton-Haynes (2017). SEU Teaching Symposium.
- Using NVivo to support faculty and student research, with Dr. Rachael Neal (2016). SEU Center for Teaching Excellence Workshop.
- Human pair bonding, sexual behavior, and testosterone (2015, 2017). SEU Biol 3341, Animal Behavior (Instructor: Dr. Raelynn Deaton-Haynes).
- Guilty dogs and basketball-playing mice: How humans and other animals learn new behaviors (2015). SEU Senior Visit Day.

PUBLICATIONS (*denotes undergraduate mentee)

1. **Goldey K.L.**, Crockett, E.E., & Boyette-Davis, J. (2019). Spit-tacular science: Collaborating with undergraduates on publishable research with salivary biomarkers. *Frontiers in Psychology*, 10, 562. doi: 10.3389/fpsyg.2019.00562
2. Archey, M.L.*, **Goldey, K.L.**, Crockett, E., & Boyette-Davis, J.A. (2018). An investigation of the effects of testosterone and behavioral expressions of pain on sex/gender differences in pain perception. *Psychological Reports*. doi: 10.1177/0033294118781320
3. Chadwick, S.B., Raisanen, J.C., **Goldey, K.L.**, & van Anders, S.M. (2018). Strategizing to make pornography worthwhile: A qualitative exploration of women's agentic engagement with sexual media. *Archives of Sexual Behavior*, 47(6), 1853-1868.
4. **Goldey, K.L.**, Conley, T.D., & van Anders, S.M. (2018). Dynamic associations between testosterone, partnering, and sexuality during the college transition in women. *Adaptive Human Behavior and Physiology*, 4(1), 42-68.
5. Chadwick, S.B., Burke, S.M.*, **Goldey, K.L.**, & van Anders, S.M. (2017). Multifaceted sexual desire and hormonal associations: Accounting for social location, relationship status, and desire target. *Archives of Sexual Behavior*, 46(8), 2445-2463.
6. Chadwick, S.B., Burke, S.M.*, **Goldey, K.L.**, Bell, S.N., & van Anders, S.M. (2017). Sexual desire in sexual minority and majority women and men: The Multifaceted Sexual Desire Questionnaire. *Archives of Sexual Behavior*, 46(8), 2465-2484.
7. Dibble, E.R., **Goldey, K.L.**, & van Anders, S.M. (2017). Pair bonding and testosterone in men: Longitudinal evidence for trait and dynamic associations. *Adaptive Human Behavior and Physiology*, 3(1), 71-90.
8. **Goldey, K.L.**, Posh, A.R.*, Bell, S.N., & van Anders, S.M. (2016). Defining pleasure: A focus group study of solitary and partnered sexual pleasure in queer and heterosexual women. *Archives of Sexual Behavior*, 45(8), 2137-2154.
9. **Goldey, K.L.**, & van Anders, S.M. (2016). Identification with stimuli moderates women's affective and testosterone responses to self-chosen erotica. *Archives of Sexual Behavior*, 45(8), 2155-2171.
10. van Anders, S.M., **Goldey, K.L.**, & Steiger, J. (2016). Reply to Stoet and Geary: Effects of gendered behavior on testosterone, not sex differences, as research focus. *Proceedings of the National Academy of Sciences*, 113(16), E2213-E2214.
11. van Anders, S.M., Steiger, J., & **Goldey, K.L.** (2015). Effects of gendered behavior on testosterone in women and men. *Proceedings of the National Academy of Sciences*, 112(45), 13805-13810.
12. **Goldey, K.L.**, & van Anders, S.M. (2015). Sexual modulation of testosterone: Insights for humans from across species. *Adaptive Human Behavior and Physiology, Special Issue: Social Neuroendocrinology*, 1(2), 93-123.
13. Edelstein, R.S., van Anders, S.M., Chopik, W.J., **Goldey, K.L.**, & Wardecker, B.M. (2014). Dyadic associations between testosterone and relationship quality in couples. *Hormones and Behavior*, 65(4), 401-407.
14. **Goldey, K.L.**, Avery, L.R., & van Anders, S.M. (2014). Sexual fantasies and gender/sex: A multimethod approach with quantitative content analysis and hormonal responses. *Journal of Sex Research*, 51(8), 917-931.
15. van Anders, S.M., **Goldey, K.L.**, & Bell, S.N. (2014). Measurement of testosterone in human sexuality research: Methodological considerations. *Archives of Sexual Behavior*, 43(2), 231-250.
16. **Goldey, K.L.**, & van Anders, S.M. (2012). Sexual arousal and desire: Interrelations and responses to three modalities of sexual stimuli. *Journal of Sexual Medicine*, 9(9), 2315-2329.
17. **Goldey, K.L.**, & van Anders, S.M. (2012). Sexual thoughts: Links to testosterone and cortisol in men. *Archives of Sexual Behavior*, 41(6), 1461-1470.
18. van Anders, S.M., **Goldey, K.L.**, Conley, T.D., Snipes, D.J., & Patel, D.A. (2012). Safer sex as the bolder choice: Testosterone is positively correlated with safer sex behaviorally relevant attitudes in young men. *Journal of Sexual Medicine*, 9(3), 727-734.

19. van Anders, S.M., & **Goldey, K.L.** (2012). The Steroid/Peptide Theory of Social Bonds: A reply to Goodson's Letter to the Editor. *Psychoneuroendocrinology*, 37(3), 445.
20. van Anders, S.M., **Goldey, K.L.**, & Kuo, P.X. (2011). The Steroid/Peptide Theory of Social Bonds: Integrating testosterone and peptide responses for classifying social behavioral contexts. *Psychoneuroendocrinology, Special Issue: Social Neuroendocrinology*, 36(9), 1265-1275.
 - Winner of the Ira and Harriet Reiss Theory Award from the Foundation for the Scientific Study of Sexuality for 2012
21. **Goldey, K.L.**, & van Anders, S.M. (2011). Sexy thoughts: Effects of sexual cognitions on testosterone, cortisol, and arousal in women. *Hormones and Behavior, Special Issue: Research on Sexual Arousal*, 59(5), 754-764.
 - "Top 25 Hottest Articles" for *Hormones and Behavior* in 2011
 - Listed as a most downloaded *Hormones and Behavior* article (noted 11/2011)
22. van Anders, S.M., & **Goldey, K.L.** (2010). Testosterone and partnering are linked via relationship status for women and 'relationship orientation' for men. *Hormones and Behavior*, 58(5), 820-826.

INTERNATIONAL, NATIONAL, OR REGIONAL TALKS (*denotes undergraduate mentee)

1. **Goldey, K.L.** (2019). Sculptorades, cloudles, and cameos, oh my! A Cranium game for general psychology. *Southwest Teachers of Psychology section of Southwestern Psychological Association*, Albuquerque, NM.
2. Raven, A.*, Zooper, S.*, Deaton Haynes, R., & **Goldey, K.L.** (2018). Age before beauty? Female preferences for male age, attractiveness, and masculinity. *Southwestern Psychological Association*, Houston, TX.
3. Crochet, C.*, & **Goldey, K.L.** (2018). Singlehood and relationship experiences: Jealousy and sexual desire across stages of relationships. *Southwestern Psychological Association*, Houston, TX.
4. Evans, R.N.*, **Goldey, K.L.**, & Widman, L.M. (2017). Adolescent sex education predicts adult sexual satisfaction and sexual risk: Examining the moderating roles of gender and sexual identity. *Society for the Scientific Study of Sexuality*, Atlanta, GA.
5. **Goldey, K.L.**, Conley, T.D., & van Anders, S.M. (2016). Pair bond status moderates within-person associations between sexual activity and testosterone in women. *Animal Behavior Society*, Columbia, MO.
6. **Goldey, K.L.**, & van Anders, S.M. (2014). Effects of choosing erotica on women's sexual arousal and emotional responses. *Society for the Scientific Study of Sexuality*, Omaha, NE.
7. **Goldey, K.L.**, Posh, A.R.*, Bell, S.N., & van Anders, S.M. (2014). Defining pleasure: A focus group study of dyadic sexual pleasure in queer and heterosexual women. *International Academy of Sex Research*, Dubrovnik, Croatia.
8. **Goldey, K.L.**, Conley, T.D., & van Anders, S.M. (2014). Dynamic associations between testosterone and partnering during the college transition. *Midwestern Psychological Association*, Chicago, IL.
9. van Anders, S.M., **Goldey, K.L.**, Bell, S.N., & Burke, S.M.* (2013). Sexual desire and sexual pleasure in heterosexual women: A social neuroendocrine approach. *Canadian Psychological Association*, Quebec, CA.
10. **Goldey, K.L.**, & van Anders, S.M. (2011). Sexy thoughts: Effects of sexual cognitions on testosterone and cortisol. *Social, Personality, and Health Pre-Conference at Society for Personality and Social Psychology*, San Antonio, TX.
11. **Siciliano, K.L.**¹, Vonderheide, K., Lee, K.H., Torres, J., Frohardt, R., & Guarraci, F.A. (2008). Sniffing out Mr. Right: The role of the medial amygdala in mate preference of female rats. *Southwestern Comparative Psychology Association*, Georgetown, TX.

¹ Former name: Katherine L. Siciliano

INTERNATIONAL, NATIONAL, OR REGIONAL POSTER PRESENTATIONS (*denotes undergraduate mentee)

1. Olvera, J.*, & **Goldey, K.L.** (2019). Effects of cheerful versus somber classical music on emotional perception. *Southwestern Psychological Association*, Albuquerque, NM.
 - J. Olvera received a Psi Chi Regional Travel Grant
2. **Goldey, K.L.** (2019). Choose your own adventure: A course project to encourage self-directed learning. *Southwest Teachers of Psychology section of Southwestern Psychological Association*, Albuquerque, NM.
3. Crochet, C.*, Archey, M.L.*, **Goldey, K.L.**, & Deaton Haynes, R. (2018). Recognizing Ryan: The effects of name gender on social perceptions. *Southwestern Psychological Association*, Houston, TX.
4. Gray, J.*, Montemayor, E.*, Archey, M.*, & **Goldey, K.L.** (2018). Imagination is the name of the game: Competitive mental imagery changes mood but not testosterone levels in women. *Society for Personality and Social Psychology*, Atlanta, GA.
5. Deaton Haynes, R., Archey, M.L.*, Moujaes, A.*, & **Goldey, K.L.** (2017). Call me Caroline: First names influence interpersonal judgment through mere-exposure effect. *Southwestern Psychological Association*, San Antonio, TX.
6. Archey, M.*, Gray, J.*, Dahlhausen, C.*, Mercado, A.N.*, Widmann, M.*, & **Goldey, K.L.** (2017). It's not just what you get, but also what you give: Effects of competitive mental imagery on mood. *Society for Personality and Social Psychology*, San Antonio, TX.
7. Evans, R.N.*, & **Goldey, K.L.** (2017). Associations between sex education and well-being in adult relationships. *Society for Personality and Social Psychology*, San Antonio, TX.
8. Archey, M.L.*, Gardon, S.*, Crockett, E., **Goldey, K.L.**, & Boyette-Davis, J.A. (2016). The influence of testosterone on pain perception differences between males and females exposed to the cold pressor test. *Society for Neuroscience*, San Diego, CA.
9. Heinze, J.E., **Goldey, K.L.**, & van Anders, S.M. (2015). A cross-lagged model of loneliness, perceived stress, and cortisol during the college transition. *Society for Research in Child Development*, Philadelphia, PA.
10. **Goldey, K.L.**, & van Anders, S.M. (2013). Autonomy and arousal: Predictors of sexual arousal to self-selected erotic films in women. *Society for the Scientific Study of Sexuality*, San Diego, CA.
11. **Goldey, K.L.**, Bell, S.N., & van Anders, S.M. (2013). Stigma and pleasure: Women's experiences of solitary sexuality. *International Academy of Sex Research*, Chicago, IL.
12. Burke, S.M.*, van Anders, S.M., & **Goldey, K.L.** (2013). How sexual is sexual desire? Desire and testosterone in women. *International Academy of Sex Research*, Chicago, IL.
13. **Goldey, K.L.**, Avery, L.R., & van Anders, S.M. (2012). Integrating qualitative and hormonal approaches to sexuality in women and men. *International Academy of Sex Research*, Estoril, Portugal.
14. Kean, E.L., Edelstein, R.S., van Anders, S.M., Chopik, W.J., & **Goldey, K.L.** (2012). Attachment-related differences in emotional and neuroendocrine responses to intimacy. *International Association for Relationships Research*, Chicago, IL.
15. **Goldey, K.L.**, van Anders, S.M., Conley, T.D., Snipes, D.J., & Patel, D.A. (2012). Is safer sex a bold risk? Testosterone is positively associated with safer sex attitudes and behaviors in young men. *Society for Behavioral Neuroendocrinology*, Madison, WI.
16. Snipes, D.J., van Anders, S.M., **Goldey, K.L.**, Conley, T.D., & Patel, D.A. (2012). Exploring associations between testosterone and safer sex behaviors. *Society of Behavioral Medicine*, New Orleans, LA.
17. **Goldey, K.L.**, & van Anders, S.M. (2011). Reading, writing, or thinking sexy: Effects of different sexual conditions on arousal and desire. *International Academy of Sex Research*, Los Angeles, CA.
18. Greenberg, S.E.*, **Goldey, K.L.**, & van Anders, S.M. (2011). Effects of sexual research methodology on hormones: Endocrine responses to relational and sexual survey questions. *International Academy of Sex Research*, Los Angeles, CA.
19. Chadwick, S.B.*, **Goldey, K.L.**, & van Anders, S.M. (2011). Sexual variations: A function of sexual scripts or testosterone? *International Academy of Sex Research*, Los Angeles, CA.

20. **Goldey, K.L.**, & van Anders, S.M. (2011). Development of the Imagined Social Situation Exercise to assess effects of sexual thoughts on hormones. *Society for Personality and Social Psychology*, San Antonio, TX.
21. **Siciliano, K.L.**, & van Anders, S. M. (2010). Effects of hormonal contraceptive use and baseline testosterone levels on testosterone responses to sexual thoughts. *Society for Behavioral Neuroendocrinology*, Toronto, ON.
22. **Siciliano, K. L.**, & van Anders, S. M. (2010). Effects of sexual thoughts on testosterone: The moderating role of hormonal contraceptives. *Organization for the Study of Sex Differences*, Ann Arbor, MI.
23. **Siciliano, K.L.**, Lee, K.H., Vonderheide, K., Frohardt, R., & Guarraci, F.A. (2008). The role of the medial amygdala in mate preference of female rats. *Society for Neuroscience*, Washington, DC.

ON-CAMPUS RESEARCH PRESENTATIONS (*denotes undergraduate mentee)

1. Barnes, I.*, & **Goldey, K.L.** (2019). How do our parents' relationships affect us? Associations between parental relationship status and adult attachment. Oral presentation at the *McNair Scholars Symposium*, St. Edward's University.
2. Sanchez, R.*, & **Goldey, K.L.** (2019). Dating apps and women's sexual empowerment. Oral presentation at the *McNair Scholars Symposium*, St. Edward's University.
3. Robles, R.*, Nava, M.*, Barnes, I.*, & **Goldey, K.L.** (2019). Changes in testosterone in response to self-competitive rock climbing. Oral presentation at *SOURCE*, St. Edward's University.
4. Vielma, A.G.*, & **Goldey, K.L.** (2019). The effect of financial stress on academic performance and physiology in first-generation college students. Oral presentation at *SOURCE*, St. Edward's University.
5. Raven, A.J.*, Scobell, S.K., **Goldey, K.L.**, & Deaton Haynes, R. (2018). Hormonal control of dominance and reproduction in the sex-role reversed gulf pipefish (*Syngnathus scovelli*). Oral presentation at the *Honors Thesis Symposium*, St. Edward's University.
6. Widmann, M.*, & **Goldey, K.L.** (2019). The winner effect in female athletes. Oral presentation at the *Honors Thesis Symposium*, St. Edward's University.
7. Zooper, S.*, Gray, J.*, Deaton Haynes, R., & **Goldey, K.L.** (2018). The influence of women's testosterone on perception of male age, masculinity, and attractiveness. Oral presentation at *SOURCE*, St. Edward's University.
8. Gray, J.*, & **Goldey, K.L.** (2018). Imagination is the name of the game: Effects of competitive mental imagery on mood and testosterone. Oral presentation at *SOURCE*, St. Edward's University.
9. Evans, R.N.*, & **Goldey, K.L.** (2017). Associations between sex education and well-being in adult relationships. Oral presentation at *SOURCE*, St. Edward's University.
10. Gray, J.*, & **Goldey, K.L.** (2017). Imagination is the name of the game: Effects of competitive mental imagery on mood. Oral presentation at *SOURCE*, St. Edward's University.
11. Evans, R.N.*, & **Goldey, K.L.** (2016). Associations between sex education and well-being in adult relationships. Oral presentation at the *Honors Thesis Symposium*, St. Edward's University.
12. Tate, K.*, **Goldey, K.L.**, & Deaton Haynes, R. (2016). Rationality theory in human decision-making. Oral presentation at the *Honors Thesis Symposium*, St. Edward's University.
13. Mercado, A.N.*, & **Goldey, K.L.** (2016). Effects of competition-related mental imagery on mood and aggressive thoughts. Poster presentation at the *Summer Undergraduate Research Symposium*, St. Edward's University.
14. Moujaes, A.*, Archey, M.*, Kunkel, M.N.*, **Goldey, K.L.**, & Deaton-Haynes, R. (2016). How attractive are these names? Effects of first names on appeal and attractiveness ratings. Poster presentation at the *Summer Undergraduate Research Symposium*, St. Edward's University.
15. Widmann, M.*, & **Goldey, K.L.** (2016). Effects of competitive imagery on testosterone: Pilot testosterone enzyme immunoassay. Poster presentation at the *Summer Undergraduate Research Symposium*, St. Edward's University.

16. Lerma, V.*, & **Goldey, K.L.** (2016). Feminist identity as a moderator of the relationship between media internalization and the endorsement of gendered sexual stereotypes. Oral presentation at *SOURCE*, St. Edward's University.

AD HOC REVIEWING

- Adaptive Human Behavior and Physiology
- Annual Review of Sex Research
- Archives of Sexual Behavior
- Evolution and Human Behavior
- Feminism and Psychology
- Hormones and Behavior
- Journal of Sex Research
- Sexuality and Culture

COMMITTEES & SERVICE

St. Edward's University

- Distinguished Teaching Awards Committee (Co-Chair 2018-present)
- Teaching Symposium Planning Committee (2018-present)
- BSS Research Awards Committee (2018-present)
- Institutional Biosafety Committee (2018-present)
- Institutional Animal Care and Use Committee (Chair 2018-2019; Member 2016-2018)
- Psychology Research and Field Experience Course Coordinator (2018-present)
- Psychology Research and Field Experience Course Revision Committee (Chair 2018-present)
- Alpha Phi Omega Faculty Advisor (2018-present)
- Psychological Society Faculty Advisor (2017-present)
- Teaching, Learning, and Technology Roundtable (2016-2018)
- "Content and Context: Science" Student Learning Outcomes Subcommittee (2016-2017)
- Psi Chi Co-Faculty Advisor (2015-2016)
- Symposium on Undergraduate Research and Creative Expression (*SOURCE*) Committee (2015-2016)

University of Michigan

- Mentoring Youth and Early Leaders in Neuroscience (MYELIN) (2014-2015)
- Graduate Student Departmental Associate (2011-2012)
- Sexual Diversity Research Group (2009-2011)
- NSF Graduate Research Fellowship (GRFP) Application Advising Committee (2010)

Professional Societies and Conferences

- Animal Behavior Society Education Committee (2016-2018)
- International Academy of Sex Research Student Member Co-Liaison (2013-2014)
- Sex/Gender/Alcohol, Tobacco, and Other Drugs Working Conference Preparation Committee (2012)

PROFESSIONAL MEMBERSHIPS

- Animal Behavior Society
- Council on Undergraduate Research
- Southwestern Psychological Association