Kirstin Clephane, M.A.

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# EDUCATION

**Doctor of Philosophy**, Neuroscience & Behavior 2027 (expected) University of Nebraska – Lincoln

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| **Master of Arts,** Neuroscience & Behavior University of Nebraska - Lincoln  *Masters Project*: Evolutionary Models of Parental Investment in Reproductive Effort (EMPIRE) Advisor: Tierney Lorenz, Ph.D. | 2023 |
| **Bachelor of Science**, Psychology (Thesis Honors) Clinical Science Certificate  Indiana University – Bloomington  *Honors Thesis*: Stress, intimacy, and distractibility during the first year postpartum  Advisor: Julia Heiman, Ph.D. | 2019 |

# PEER REVIEWED MANUSCRIPTS

**Clephane K,** Wilson MC, Heiman JR, Craig AN, Lorenz T. (2022). Sexual violence history predicts changes in vaginal immune parameters during sexual arousal. *Brain, Behavior, and Immunity*.

doi: 10.1016/j.bbi.2022.06.005. PMID: 35697156.

**Clephane K,** O'Loughlin JI, Bodnar TS, Wilson MC, Stariha JT, Craig AN, Weinberg J, Brotto LA, Lorenz TK. (2022). Lack of Evidence for a Relationship Between Salivary CRP and Women's Sexual Desire: An Investigation Across Clinical and Healthy Samples. *Journal of Sexual Medicine*, *19*(5), 745- 760. doi: 10.1016/j.jsxm.2022.02.007. PMID: 35296386; PMCID: PMC9064911.

**Clephane K,** Lorenz TK. (2021). Putative Mental, Physical, and Social Mechanisms of Hormonal Influences on Postpartum Sexuality. *Current Sexual Health Reports*, 1-13. doi: 10.1007/s11930-021- 00321-8. PMID: 35707497; PMCID: PMC9191849.

**Clephane K,** Wilson MC, Craig AN, Heiman JR, Lorenz TK. (2021). Inflammation Predicts Sexual Arousability in Healthy Women. *Comprehensive Psychoneuroendocrinology*, *8*, 10086. doi: 10.1016/j.cpnec.2021.100086. PMID: 35669911; PMCID: PMC9165647.

**Clephane K,** Sartin-Tarm A, Lorenz TK. (2020). Four Additional Questions for the Preparation Hypothesis. *Archives of Sex Behavior*, 1-6. doi: 10.1007/s10508-020-01798-5. PMID: 32681459.

Sartin-Tarm, A., **Clephane, K.L**., & Lorenz, T.K., (2020). Formal and informal sources of sexual information predict women’s sexual self-schema development. *The Canadian Journal of Human Sexuality. 30*(1), 1-14.

# MANUSCRIPTS IN PREPARATION

**Clephane, K. L.,** & Lorenz, T.K., (2024). Illness symptoms during pregnancy impact offspring development and parental behavior during the postpartum period*.* Manuscript in preparation.

# PAPER PRESENTATIONS\_& SYMPOSIUM TALKS

1. **Clephane, K. L.,** & Lorenz, T.K., (2024, Feb). *Basic Science and New Technologies in FSD.* Vaginal Research podium presented at the annual meeting of the International Society for the Study of Women’s Sexual Health (ISSWSH) in Long Beach, California, USA.
2. **Clephane, K.,** Fitzpatrick, E.T., Tavares, I.M., de Pierrepont, C., & Dawson, S.J., (2022, Nov). *From Bump to Baby: Couples’ Sexual Well-being during the Transition to Parenthood.* Symposium presented at the annual meeting of the Society of the Scientific Study of Sexuality (SSSS) in Vancouver, British Columbia, Canada.
3. Jawed-Wessel, S., **Clephane, K.L.,** Mark, K.P., & Lorenz, T.K., (2020, Apr). *Sexual Desire and Pleasure across the Pregnancy-Postpartum-Parenting Transition.* Symposium accepted for presentation at the annual meeting of the Association for Psychological Science (APS) in Chicago, IL. (Conference cancelled due to COVID-19 pandemic).

# POSTER PRESENTATIONS

1. **Clephane, K.,** Checkalski, O. R., Gervias, S. J., & Lorenz, T.K., (2023, Aug). *Which parts do you want to see naked? Motivations for sending specific features of the body in nudes women send to men.* Poster presented the annual meeting for the International Academy of Sex Research (IASR) in Montreal, Québec, Canada.
2. **Clephane, K.,** Brock, R., Phillips, E., Calkins, F., & Lorenz, T.K., (2022, Jul). *Evolutionary Models of Parental Investment in Reproduction.* Poster presented at the annual meeting for the International Academy of Sex Research (ISAR) in Reykjavik, Iceland.
3. **Clephane, K.L.,** & Lorenz, T.K., (2022, Mar). *Desire for Solitary Sexual Activity Predicts Discordance Between How Young Women Self-identify and Their Reported Attractions.* Poster presented at the annual meeting for the International Society for the Study of Women’s Sexual Health (ISSWSH) in Dallas, TX.
4. **Clephane, K.L**, Sartin-Tarm, A., Wilson, M.C., & Lorenz, T.K., (2020, Feb). *Different forms of mental health treatments are associated with different patterns of post-trauma sexual functioning in women: An exploratory study*. Poster presented at the annual meeting for the International Society for the Study of Women’s Sexual Health (ISSWSH) in Orlando, FL.
5. **Clephane, K.L.,** Wilson, M.C., & Lorenz, T.K., (2019, Jul). *Sexual function after unwanted sexual activity: Impact of PTSD and symptom severity*. Poster presented at the annual meeting of International Academy of Sex Research (IASR) in Mexico City, Mexico.
6. **Clephane, K.L.,** Craig, A.N., & Heiman, J. R. (2019, Jul). *Stress, intimacy, and distractibility during the first postpartum year*. Poster presented at the annual meeting of International Academy of Sex Research (IASR) in Mexico City, Mexico.
7. **Clephane, K.L**., Craig, A. N., & Heiman, J. R. (2018, Apr). *Stress, Intimacy, and Distractibility: A Progress Report.* Poster presented at the Hutton Honors College Research Symposium and Poster Fair in Bloomington IN.
8. **Clephane, K.L.,** Craig, A. N., & Heiman, J. R. (2018, May). *Stress, Intimacy, and Distractibility: A Progress Report*. Poster presented at the annual Midwest Undergraduate Cognitive Science Conference in Bloomington IN.
9. Lorenz, T. K., Wilson, M. C., Craig, A., **Clephane, K**., Hall, E., & Heiman, J. R. (2018, Jul). *Sexual arousal may influence vaginal immune responses.* Poster presented at the annual meeting of International Academy of Sex Research in Madrid, Spain.
10. **Clephane, K. L**., Craig, A. N., & Heiman, J. R. (2017). *Examining Distractibility from Sexual Stimuli as a Mediator of Stress and Partner Intimacy: A Progress Report.* Poster presented at the annual Indiana University Undergraduate Research Conference in Indianapolis, IN.

# PREREGISTRATIONS AND OTHER SCHOLARLY PRODUCTS

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| Vaginal Testosterone Absorbance after Sexual Arousal  *AsPredicted* | 2024 |
| EMPIRE  *AsPredicted* | 2022 |
| Vaginal Pulse Amplitude Data Cleaning Protocol  *Open Science Framework* | 2021 |

**ACADEMIC HONORS, AWARDS, AND SCHOLARSHIPS**

## Honorable Mention for Graduate Research Fellowship Program 2023

National Science Foundation

**RAC/Warden Conference Travel Grant** Fall 2022 Psychology Department, University of Nebraska - Lincoln

**Othmer Fellowship** August 2021 - present

University of Nebraska – Lincoln

**Phi Beta Kappa** May 2018 – present

Academic Honors Society

**Executive Deans List** Fall 2015 – May 2019

Indiana University

## Undergraduate Research Grant 2017

Hutton Honors College, Indiana University

## Larry Blatt Internship Funding 2017

Indiana University

**Student Scholarship** 2015 – 2016

Hutton Foundation, Indiana University

**Andrew P. Winzenread Scholarship** 2015 – 2016

Indiana State Police

# GRANT WRITING TRAINING & EXPERIENCE

Grant Reviewer 2020

UCARE Awards, University of Nebraska – Lincoln

* Reviewed applications submitted on behalf of undergraduate student researchers

Proposal Writing Seminar 2020

Cognitive Neuroscience of Development and Aging Center

* Attended a seminar on grant proposal development and finding funding opportunities for interdisciplinary work

# RESEARCH FUNDING

*Graduate Research Fellowship Program* Submission Oct 2022 Source: National Science Foundation

Role: Graduate Student Fellow (under mentorship of Dr. Tierney Lorenz)

Title: Validation and standardization of hair cortisol assay methods for hard-to-reach populations

*Scholars in Women’s Sexual Health Research Grant Program* 2023 - 2024

Source: International Society for the Study of Women’s Sexual Health Role: Student PI (under mentorship of Dr. Tierney Lorenz)

Title: Modeling fluid dynamics of androgen absorption during vaginal arousal Direct costs awarded: $4,060

*Graduate Research Fellowship Program* Submission Oct 2020 Source: National Science Foundation

Role: Graduate Student Fellow (under mentorship of Dr. Tierney Lorenz)

Title: Stress and Inflammation during Pregnancy Influences Postpartum Behavior

*Undergraduate Research Grant* 2017

Source: Hutton Honors College, Indiana University - Bloomington Role: Student PI (under mentorship of Dr. Julia Heiman)

Title: Sex, Relationships, and Stress Direct costs awarded: $1000

# PROFESSIONAL AND VOLUNTEER SERVICE

Ad-hoc Reviewer 2019 – 2022

* Archives of Sexual Behavior (4 reviews as primary reviewer of record)
* Family Process (3 reviews as primary reviewer of record)

Scholar Recruiter, *Sex Salon*, Indiana University 2019

Symposium Moderator, *Hutton Honors College Research Symposium* 2018

*and Poster Fair*, Indiana University

National Talkline Advocate, *All-Options Pregnancy Resource Center,* Bloomington, IN 2018 – 2019

Intern, *All-Options Pregnancy Resource Center*, Bloomington, IN 2018

Director of Membership, *Raising Awareness of Interactions in* 2016 – 2019

*Sexual Encounters (RAISE)*, Indiana University

Peer Counselor, *Crimson CORPS,* Indiana University 2016 – 2018

Academic Committee, Psychology Club, Indiana University 2015 – 2017

Volunteer, Philanthropy Club, Bedford North Lawrence High School 2015 – 2016

Founder/President, Riley Dance Marathon, Bedford North Lawrence High School 2014 – 2015

President of Youth Board, Bertha’s Mission 2014 – 2015

**TEACHING AND MENTORING**

**Evolutionary Models of Parental Investment in Reproduction.** Lecture at Cognition and Biopsych in Nebraska (CABIN). University of Nebraska – Lincoln, May 2022.

**Sex across the Lifespan.** Invited guest lecture in Dr. Debby Herbenick’s Human Sexuality. Indiana University, November 2018.

Undergraduate Teaching Assistant, *Psychological and Brain Sciences Dept.* 2017 – 2018

Indiana University

* Career Planning with Dr. Cynthia Patton:
  + Responsibilities included grading quiz and essay submissions online as well as communicating with students about the course
* Introduction to Psychology with Dr. Mason Burns:
  + Responsibilities included writing test and quiz questions from class material as well as relaying student concerns to the instructor on class format.
  + Clarified class material during out-of-class meetings and edited written assignments
* Abnormal Psychology with Dr. Lorenzo Lorenzo-Luaces:
  + Created questions from class material for tests as well as relaying class design feedback to the instructor

Psychological and Brain Sciences Department Peer Tutor*,* 2016 – 2017

Indiana University

# RESEARCH EXPERIENCE

Graduate Research Assistant, *Women’s Immune and Sexual Health Lab* Aug 2021 – present University of Nebraska – Lincoln

Principal Investigator: Tierney Lorenz, Ph.D.

* Developing a master’s equivalent research project focusing on inflammation during pregnancy and its association with postpartum sexual behaviors
* Managing an independent project focused on vaginal androgen reabsorption during sexual arousal

Laboratory Manager, *Women’s Immune and Sexual Health Lab* June 2019 – June 2021 University of Nebraska – Lincoln

Principal Investigator: Tierney Lorenz, Ph.D.

* Collected, processed, and analyzed vaginal photoplethysmography (vaginal blood flow) and heartrate variability (physiologic stress) data using specialized programs such as AcqKnowledge, BioPac, and Kubios

## Collected, aliquoted, and analyzed biological samples (saliva, blood, and vaginal fluid) for hormones and inflammation markers

* Supervised undergraduate research assistants: interviewing, training, and evaluating performance
* Managed Institutional Review Board protocols for 6 distinct projects
* Coordinated recruitment, scheduling, and running of study visits using SONA, Qualtrics, and Microsoft Excel
* Conducted and scored clinical psychological assessments

Research Assistant, *Sexual Psychophysiology Laboratory* 2015 – 2019

Indiana University

Principal Investigator: Julia R. Heiman, Ph.D.

## Independently developed and completed a study focusing on postpartum stress, sexuality, and attention in human participants and using an auditory oddball task to examine distraction from sexual stimuli

* Conducted study sessions and enzyme-linked immunosorbent assays (ELISAs) for a study of adult women using biological samples (blood, saliva, and vaginal fluid) and vaginal photoplethysmography
* Supervised, mentored and trained fellow undergraduate students in laboratory protocols and research methods

Research Intern, *Liberos LLC* 2017

Principal Investigator: Nicole Prause, Ph.D.

* Orgasmic Mediation Study: Contacted potential participants, maintained study schedule, prepared EEG headsets, sterilized equipment, and assisted with participant sessions
* Designed online advertisements (Canva), created additional reference pages on the Liberos LLC website (WordPress), and troubleshot website accessibility errors
* Troubleshot MATLAB scripts used in EEG data collection
* Designed infographics and superfly wearable advertisements/buttons

Transcriptionist, Bisexual Parent Study 2016

Indiana University

Principal Investigators: Jessamyn Bowling, Ph.D. & Elizabeth Bartelt, MPH

* Transcribed two interviews for analyses

# PROFESSIONAL AFFILIATIONS

## International Academy for Sex Researchers (IASR) 2023

Student Member

## Society for the Scientific Study of Sexuality (SSSS) 2023

Student Member

## International Society for the Study of Women’s Sexual Health (ISSWSH) 2023

Student Member