

# Ashley M. Rankin

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## EDUCATION

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### **Ph.D., Psychology (expected May 2021), Oklahoma State University**

Advisors: Jennifer Byrd-Craven & Jaimie Krems

*Dissertation – Hormonal contagion: Physiological covariation between friends*

### **M.S., Psychology (December 2017), Oklahoma State University**

Advisors: Aaron Lukaszewski & Jennifer Byrd-Craven

*Thesis – “Friends and mates, when do we need them? Investment across social contexts*

### **B.S., Psychology (May 2015), University of North Texas**

Advisor: Chiachih DC Wang

*cum laude, Honors Thesis – The effects of perceived discrimination on marital quality in interracial/ intercultural couples, with moderating effects of race and cultural open-mindedness*

## GRANTS, AWARDS, & HONORS

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- 2017-2020 National Science Foundation Graduate Research Fellowship Program, *Testing the Effects of Friendship Quality on Hormonal Synchrony in Cortisol and Progesterone*
- 2020 Women’s Faculty Council Student Research Award, *Hormonal contagion: Physiological covariation between friends*
- 2019 Oklahoma State University Graduate and Professional Student Government Association Student Travel Award
- 2018 International Society of Psychoneuroendocrinology Student Travel Award
- 2017 Oklahoma State University Student Travel Award for Submission of a National Science Foundation Graduate
- 2016 Psi Chi Southwestern Regional Research Award, *Social Attractiveness and Friendship with Mediating Roles of Social Knowledge and Connectedness*
- 2016 Oklahoma State University 3 Minute Thesis Finalist, *Cortisol and Social Stress in Female Friendships*
- 2013 Society for Advancement of Hispanics/Chicanos and Indians in Science Conference Travel Award

## PEER-REVIEWED PUBLICATIONS

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### Journal Articles

Calvi, J., **Rankin, A. M.**, Clauss, N. & Byrd-Craven, J. (2020). The nuanced psychology of The Handmaid's Tale: Commentary on power, feminism, and the patriarchy from four feminist evolutionary psychologists. *Evolutionary Behavioral Sciences*

Krems, J. A., **Rankin, A. M.**, & Northover, S. B. (2019). Women's strategic defenses against same-sex aggression: Evidence from sartorial behavior. *Social Psychological and Personality Science*.

**Rankin, A. M.**, Swearingen-Stanborough, C., Granger, D. A. & Byrd-Craven (2018). The role of co-rumination and adrenocortical attunement in young women's close Friendships. *Psychoneuroendocrinology*, 98, 61-66.

Wang, C. D., **Rankin, A. M.**, & Chong, S. C. (2015). Perceived discrimination, cultural open-mindedness of spouses, and marital satisfaction of individuals in interracial/intercultural marriages. *Journal of Behavioral and Social Science*, 3, 176-186.

**Note: Wang & Rankin share the first authorship**

Book chapters & encyclopedia entries

Clauss, N. J. & **Rankin, A. M.** (2017). Docosahexaenoic Acid (DHA). In *Encyclopedia of Evolutionary Psychological Science*.

Clauss, N. J. & **Rankin, A. M.** (2017). Maternal Malnourishment. In *Encyclopedia of Evolutionary Psychological Science*.

Clauss, N. J., **Rankin, A. M.**, & Byrd-Craven, J. (2017). Meta-Analysis of sex differences in aggression. In *Encyclopedia of Evolutionary Psychological Science*.

**Rankin, A. M.** & Clauss, N. J. (2017). Evolution of live birth in mammals (140 MYA). In *Encyclopedia of Evolutionary Psychological Science*.

**Rankin, A. M.** & Clauss, N. J. (2017). Investment vs. future payoffs. In *Encyclopedia of Evolutionary Psychological Science*.

## TEACHING EXPERIENCE

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Instructor

- Introductory Psychology, Oklahoma State University,
  - Spring 2017, 2 sections
  - Fall 2016, 2 sections
- Lab Instructor for Experimental Methods, Oklahoma State University, Spring 2016
- Lab Instructor for Quantitative Methods, Oklahoma State University, Fall 2015

Teaching Assistant

- Teaching Assistant for Evolutionary Psychology, Oklahoma State University, Fall 2020  
Supervisor: Jennifer Byrd-Craven, Ph.D.
- Teaching Assistant for Evolutionary Psychology, Oklahoma State University, Fall 2016  
Supervisor: Jennifer Byrd-Craven, Ph.D.
- Teaching Assistant for Experimental Methods, Oklahoma State University, Spring 2016  
Supervisor: Aaron Lukaszewski, Ph.D.

- Teaching Assistant for Quantitative Methods, Oklahoma State University, Fall 2015  
Supervisor: James Grice, Ph.D.

### CONFERENCE PRESENTATIONS denotes undergraduates; \*denotes award

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#### Conference Organization

Co-Chair, “Evolutionary approaches to friendship research: Seeking, using, and keeping our friendships”. (2018, April). Oklahoma Psychological Society, Edmond, OK.

Graduate Student Organizer, FOSSIL (Flyover State Scientists Integrating EvoLution) Conference

#### Conference Papers

Byrd-Craven, J. & **Rankin, A. M.** (2019, May). Modification to the tend-and-befriend model. Paper presented at the Human Behavior and Evolution Society Conference, Boston, MA.

Krems, J. A., **Rankin, A. M.**, Northover, S. B. (2019, May). Women’s strategic defense against same-sex aggression: Evidence from sartorial behavior. Paper presented at the Human Behavior and Evolution Society Conference, Boston, MA.

**Rankin, A. M.**, Granger, D. & Byrd-Craven, J. (2019, February). *Bitching is bonding: Co-rumination and adrenocortical attunement in young women’s close friendships*. Data Blitz presented at the 2019 Evolutionary Psychology Preconference at the Society for Personality and Social Psychology Convention, Portland, OR.

\***Rankin, A. M.**, & Byrd-Craven, J. (2018, September). *The psychobiology of female friendships: How hormonal synchrony relates to friendship quality*. Paper presented at the International Society of Psychoneuroendocrinology Conference, Irvine, CA. [Awarded the International Society of Psychoneuroendocrinology Student Travel Award]

**Rankin, A. M.**, & Byrd-Craven, J. (2017, June). *The psychobiology of female friendships: How hormonal synchrony relates to friendship quality*. Paper presented at the Human Behavior and Evolution Society Conference, Boise, ID.

\***Rankin, A.M.** (2016, April). *Social attractiveness and friendship with mediating roles of social knowledge and connectedness*. Paper presented at the Southwestern Psychological Association Convention, Dallas, TX. [Awarded the Psi Chi Southwestern Regional Research Award]

#### Conference Posters

Ballew, K. P., Krems, J. A., Bock, J., & **Rankin, A. M.** (2019, May). *What drives friendship jealousy? Comparing evolutionary and self-evaluation maintenance accounts*. Poster presented at the Human Behavior and Evolution Society Conference, Boston, MA.

Mzee, O., Bluett, I., **Rankin, A. M.**, & Byrd-Craven, J. (2019, April). *Understanding if Social Comparison not only motivates ourselves, but influences life satisfaction*. Poster presented at the Southwestern Psychological Association Convention, Albuquerque, NM.

- Rankin, A. M.**, & Byrd-Craven, J. (2019, February). *Necessities, Luxuries, and Calibrations of Social Relationships: Investment Across Evolutionary Salient Contexts*. Poster presentation presented at the Society for Personality and Social Psychology Convention, Portland, OR.
- Bluett, I., Smith, A., Rankin, A. M., & Byrd-Craven, J. (2018, April). *Why we derogate Becky with the good hair: Biological underpinnings of slut-shaming*. Poster presented at the Southwestern Psychological Association Convention, Houston, TX.
- Fouts, S., Rankin, A. M., & Byrd-Craven, J. (2018, April). *Sex differences in investment of social relationships across social contexts*. Poster presented at the Southwestern Psychological Association Convention, Houston, TX.
- Byrd-Craven, J., Massey-Abernathy A., Newport B., & **Rankin, A.** (2017, June). *Let's face it: How facial cues are associated with social dominance, health, and personality*. Poster presented at the Human Behavior and Evolution Society Conference, Boise, ID.
- Fouts, S., Rankin, A. M., & Byrd-Craven, J. (2017, April). *The role mindfulness on friendship quality*. Poster presented at the Southwestern Psychological Association Convention, San Antonio, TX.
- Kennade, L. Rankin, A. M., & Byrd-Craven, J. *Life History Theory and the tradeoff between quantity and quality of friendships*. Poster presented at the Human Behavior and Evolution Society Conference, Boise, ID.
- Rankin, A.M.**, & Lukaszewski, A. W. (2016, July). *The psychology of friendship investment: Testing the quality-quantity trade-off*. Poster presented at the Human Behavior and Evolution Society Convention, Vancouver, BC, Canada.

## PROFESSIONAL TRAINING

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| 2019 | Modern Methods for Handling Missing Data<br>Completed missing data analysis workshop with Amanda Baraldi and Isaac Washburn, Oklahoma State University |
| 2018 | Spit Camp I  |

## RESEARCH EXPERIENCE \* denotes funded

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| 2020-Present | <b>*assistant to Experimental Director</b>   |
| 2016-present | <b>Lab Meeting Coordinator</b><br>Psychobiology Lab   Oklahoma State University                                |
| 2018-present | <b>Graduate Research Assistant</b><br>Krems Social and Evolutionary Psychology Lab   Oklahoma State University |
| 2017-2019    | <b>Team Meeting Coordinator</b><br>Oklahoma Center for Evolutionary Analysis   Oklahoma State University       |

- 2017-2017      **\*Undergraduate Research Assistants Manager**  
CIRCA Pilot Grant | Oklahoma Department of Health and Human Services  
Title: Fathers' Contributions to Mother-Infant
- 2016-present      **Graduate Research Assistant**  
Psychobiology Lab | Oklahoma State University  
Supervisor: Jennifer Byrd-Craven, Ph.D.
- 2016      **\*NSF REU Graduate Coordinator**  
Biological Basis of Human and Animal Behavior | Oklahoma State University  
Supervisor: Shelia Kennison, Ph.D.
- 2015-2016      **Graduate Research Assistant**  
Psychological Adaptations Lab | Oklahoma State University  
Supervisor: Aaron Lukaszewski, Ph.D.
- 2013-2015      **Undergraduate Research Assistant**  
Cross-Cultural Attachment Research Laboratory | University of North Texas  
Supervisor: Chiachih DC Wang, Ph.D.
- 2015      **Undergraduate Honors Thesis**  
Race and Cultural Open-Mindedness as Moderator between Perceived  
Discrimination and Marital Quality for Interracial/Intercultural Couples  
Supervisor: Chiachih DC Wang, Ph.D.
- 2014-2015      **Case Manager**  
Cross-Cultural Attachment Research Laboratory | University of North Texas  
Supervisor: Chiachih DC Wang, Ph.D.
- 2013-2014      **Undergraduate Research Assistant**  
COPE Lab | University of North Texas  
Supervisor: Patricia Kaminski, Ph.D.

## **PROFESSIONAL MEMBERSHIPS**

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- 2018-present      Society for Personality and Social Psychology  
2016-present      Human Behavior and Evolution Society  
2015-present      OSU Psychology Graduate Students Association  
2013-present      Psi Chi International Honor Society  
2012-present      Southwestern Psychological Association  
2012-2015      University of North Texas' Honors College