

# Ashley M. Rankin

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## EDUCATION

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### **Ph.D., Neurobiological Psychology (expected May 2020), Oklahoma State University**

Advisors: Jennifer Byrd-Craven & Jaimie Krems

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

Co-advisor: 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, <i>Testing the Effects of Friendship Quality on Hormonal Synchrony in Cortisol and Progesterone</i> , (\$120,000) |
| 2018      | International Society of Psychoneuroendocrinology Student Travel Award (\$500)  |
| 2017      | Oklahoma State University Student Travel Award for Submission of a National Science Foundation Graduate (\$300)   |
| 2016      | Psi Chi Southwestern Regional Research Award, <i>Social Attractiveness and Friendship with Mediating Roles of Social Knowledge and Connectedness</i>                                |
| 2016      | Oklahoma State University 3 Minute Thesis Finalist, <i>Cortisol and Social Stress in Female Friendships</i>   |
| 2013      | Society for Advancement of Hispanics/Chicanos and Indians in Science Conference Travel Award (\$500)  |

## PEER-REVIEWED PUBLICATIONS

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### Journal Articles

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

**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**

Under review, preregistered, and in preparation

Byrd-Craven, J. & **Rankin, A. M.** (in prep). Modification to tend-and-befriend model. Planned submission to *Nature*.

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

**Rankin, A. M.**, Lukaszewski, A. W., Byrd-Craven, J (in prep). Necessities and luxuries of social relationships: Investment across evolutionary salient contexts. Planned submission to *Evolution and Human Behavior*.

**Rankin, A. M.** & Byrd-Craven, J (in prep). Sex differences in investment of social relationships. Planned submission to *Journal of Personality and Social Psychology*.

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*.

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

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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

Ballem, 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.

**Rankin, A. M., & Byrd-Craven, J.** (2018, October). *Does sex determine which types of social relationships are invested in?* Poster presentation presented at the Northwest Evolution Ecology and Human Behavior Conference, Boise, ID.

**Rankin, A. M., & Byrd-Craven, J.** (2018, August). *Sex differences in investment of social relationships across social contexts.* Poster presented at the American Psychological Association Convention, San Francisco, CA.

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.**, Clauss, N. J., Chua, K. J., Kennison, S. M., & Byrd-Craven, J. (2017, April). *Predictors in infant stress response: Roles of mother's paternal and social support.* Poster presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.

**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.

Hansen, H., **Rankin, A.**, Zhu, W., & Wang, C. D. (2015, February). *Adult attachment as mediator between parent child attachment and psychological distress.* Poster presented at the American Association of Behavioral and Social Sciences, Las Vegas, NV.

**Rankin, A.M.**, Chong, C. C., Hansen, H., & Wang, C. D. (2015, February). *Race and cultural open-mindedness as moderator between perceived discrimination and marital quality for interracial/intercultural couples.* Poster presented at the American Association of Behavioral and Social Sciences, Las Vegas, NV.

Chong, C. C., Meyers, J., A., **Rankin, A.M.**, & Wang, C. D. (2014, May) *Perceived discrimination, multicultural openness, and marital conflict in interracial/intercultural couples.* Poster presented at the UNT Graduate Research Fair, Denton, TX.

**Rankin, A.M.**, Chong, C. C., Meyers, J., & Wang, C. D. (2014, April) *Adult attachment as a mediator for perceived discrimination and relationship quality.* Poster presented at the Southwestern Psychological Association Convention, San Antonio, TX.

## PROFESSIONAL TRAINING

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Completed missing data analysis workshop with Amanda Baraldi and Isaac Washburn, Oklahoma State University

2018 Spit Camp I  
Completed salivary analyte basics & lab training with Doug Granger and Jessica Calvi, University of Nebraska–Lincoln

## **TEACHING EXPERIENCE**

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Spring 2017 Teaching Fellow for Introductory Psychology, Oklahoma State University  
Supervisor: David Thomas, Ph.D.

Fall 2016 Teaching Fellow for Introductory Psychology, Oklahoma State University  
Supervisor: David Thomas, Ph.D.

Fall 2016 Teaching Assistant for Evolutionary Psychology, Oklahoma State University  
Supervisor: Jennifer Byrd-Craven, Ph.D.

Spring 2016 Teaching Assistant for Experimental Methods, Oklahoma State University  
Supervisor: Aaron Lukaszewski, Ph.D.

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

## **RESEARCH EXPERIENCE \* denotes funded**

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2018-present **Graduate Student Head**  
FOSSIL (Flyover State Scientists Integrating EvoLution) Conference

2017-present **Team Meeting Coordinator**  
Behavior and Evolutionary Psychology Team | Oklahoma State University

2017-present **\*Undergraduate Research Assistants Manager**  
CIRCA Pilot Grant | Oklahoma Department of Health and Human Services  
Title: Fathers' Contributions to Mother-Infant

2016-present **Lab Meeting Coordinator**  
Psychobiology Lab | Oklahoma State University

2016-present **Graduate Research Assistant**  
Psychobiology Lab | Oklahoma State University  
Supervisor: Jennifer Byrd-Craven, Ph.D.

2016 **NSF REU Graduate Mentor**  
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