Curriculum Vitae

**Jennifer Byrd-Craven**

**CONTACT INFORMATION**

Department of Psychology Office: (405) 744-2914

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Stillwater, OK 74078

**Positions**

Assistant Professor Oklahoma State University

(2007-2013)

Associate Professor Oklahoma State University

(2013-2019)

Experimental Program Director Oklahoma State University

(2015-present)

Co-founder, Oklahoma Center for Evolutionary Analysis (OCEAN)

(2019- )

Professor Oklahoma State University

(2019- )

**Education**

2001-2007 PhD University of Missouri-Columbia (Developmental

Psychology)

1998-2001 MS University of Texas-Tyler (Clinical Neuropsychology specialization)

1998 BA University of New Mexico (Psychology)

**Research Interests**

Broad: Psychobiology of the Stress Response; Sex Differences in Stress Responses and

Social Cognition; Evolutionary Psychology

Specific: Psychosocial factors related to plasticity in the stress response system, the

timing of life history traits, female sociality, and peer relationships.

**Awards/Accomplishments**

OSU Arts & Sciences Summer Research 2008

Oklahoma State Representative-Southwestern Psychological Association 2010-2014

Outstanding Faculty in Psychology (Psychology Club & Psi Chi) 2011

**Grants**

Oklahoma Center for the Advancement of Science and Technology (OCAST):

Title: “Link between chronic adversity and emerging adult mental and physical health: An examination of underlying bio-social mechanisms and protective factors.”

PI: Michael Criss

Role: Co-Investigators Jennifer Byrd-Craven and Kent Teague

Funding projected dates: December 2021 – December 2024

Funding amount: $112,085

Robert Larzelere Parenting Professorship, Human Development & Family Sciences, Oklahoma State University

Title: “Link between family adversity and emerging adult mental and physical health: An investigation of mediation and moderation effects.”

Co-Is: Michael Criss and Jennifer Byrd-Craven

Funding projected dates: January 2023-May 2024

Funding amount: $9,630

National Institutes of Health/ National Institute of Aging (NIH/NNIA) $2,539,618

(subaward: $807,258) “The role of spousal biobehavioral co-regulation in everyday

collaborative memory: Identifying targets for intervention.” (R01AG062527)

Margrett, J. A. (PI) & Reese-Melancon, C. (PI) Role: Consultant

National Institutes of Health/National Heart, Lung, & Blood Institute (NIH/NHLBI)

$67,040 “Acute Inflammatory Effects of Weight Stigma in Overweight/Obesity.”

(F31HL152620)

Keirns, N.A. (PI) & Hawkins, M. (Mentor). Role: Co-mentor/Consultant

Oklahoma Center for the Advancement of Science and Technology (OCAST) $120,617

“Family hormonal profiles of resilience: Defining fathers’ roles in infant biosocial

development.” (HR17-003)

Byrd-Craven, J. (2017-2020).

Center for Integrative Research on Childhood Adversity (CIRCA) Pilot Project $50,000

“Fathers’ contributions to mother-infant biosocial health.” (P20GM109097)

Byrd-Craven, J., Kennison, S.M. & Ciciolla, L. (2017-2018)

Center for Integrative Research on Childhood Adversity (CIRCA) Pilot Project $50,000

“Biological mechanisms in the link between stress and emerging adult mental health.”

Criss, M., & Byrd-Craven, J. (2017-2018)

National Science Foundation-Research Experience for Undergraduates $300,546

“Biological Basis of Human and Animal Behavior”

Kennison, S., & Byrd-Craven, J. (2014-2017)

National Science Foundation-Research Experience for Undergraduates $300,237

“Biological Basis of Human and Animal Behavior”

Kennison, S., & Byrd-Craven, J. (2011-2014)

Arts and Sciences Student Technology Fee Grant $32,937

“Spit and Learn”

Grindstaff, J., Lovern, M., Byrd-Craven, J., & Kennison, S. (2010)

Oklahoma State University, College of Arts and Sciences

Oklahoma State University Interdisciplinary Creative Planning Grant $37,070

“Nutrition and Early Child Development Program”

Kennedy, T. S., Thomas, D.G., Byrd-Craven, J., Hubbs-Tait, L., Stoecker, B. (2012)

Arts & Sciences Student Technology Fee Grant $29,665

“The Scoop on the Stress Response: Measuring Multiple Biomarkers of Stress to Enhance Student Learning”

Byrd-Craven, J., Grant, D., Mullins, L., & Auer, B. (2012)

Oklahoma State University, College of Arts & Sciences

Arts & Sciences Student Technology Fee Grant $31,051

“Brains in Gear”

Grant, D., & Byrd-Craven, J. (2013)

Oklahoma State University, College of Arts & Sciences

Oklahoma Regents for Higher Education, Summer Science Academy $36,000

“Exploring Quantitative Analysis”

Byrd-Craven, J. & Kennison, S.M. (2014)

(Co-PI: 60% effort; original PI: Melanie Page)

Arts & Sciences Student Technology Fee Grant $13,112

“Brains in Gear”

Grant, D., & Byrd-Craven, J. (2014)

Oklahoma State University, College of Arts & Sciences

Publications

*Manuscripts Under Review*

Criss, M.M., Wood, E. E., Duarte, K., Garza, R., & Byrd-Craven, J. (under review).

Links between chronic adversity and mental and physical health among college

women: An investigation of friendships as moderators. *Adversity and Resilience Science*

Criss, M. M., McGehee, A. L., McMaughan, D. J., Evans, K., & Byrd-Craven, J. (under

review). Links between trauma and stress and emerging adult mental and

physical health: An examination of cross-domain resilience. *Journal of Adult Development*

Duarte, K., Rodriguez, N.N., Krems, J.A., French, J., & Byrd-Craven, J. (under review).

(Why) Do people disfavor competitiveness in women? Pre-registered tests

between three theories. *Evolutionary Behavioral Sciences*

Auer, B.J., Grant, D.M., Byrd-Craven, J., Sciamanna, C.N., Bradley, Kl, Mukherjee, D.

& Kennison, S.M. (). Together is better during acute threat under stress: Men and women desire affiliation following laboratory stress induction.

<https://doi.org/10.31124/advance.13077413.v1>

Auer, B.J., Grant, D.M., Granger, D.A., Mukherjee, D., Saunders, E., & Byrd-Craven, J.

(under review). Social anxiety and common OXTR gene variant are associated with cortisol response following peer social challenge. *Anxiety, Stress, & Coping.*

*Peer-Reviewed Publications*

Merrie, L. A., Krems, J.A., & Byrd-Craven, J. (in press). Who is a mating rival? Women

track other women’s intent and capacity to compete for mates. *Evolutionary*

*Behavioral Sciences.*

Criss, M.M, Weston, J.D., McGehee, A.L., Murray, K.M., & Byrd-Craven, J. (2024).

Links between racial discrimination and college student mental and physical

health: Examination of parent-youth relationships as protective factors. *Adversity and Resilience Science.*

Esparza\*, K., Criss, M.M., McGehee\*, A., Washburn, I.J., & Byrd-Craven, J. (2024).

Link between parent-emerging adult relationship quality and emerging adult

physical health: An examination of mediators and moderators. *Emerging*

*Adulthood.*

Wood, E.E., Criss, M.M., & Byrd-Craven, J. (2024). Additive and moderating

effect of parents and peers on youth mental and physical health outcomes during

emerging adulthood. *Emerging Adulthood.*

Stout\*, M., Keirns\*, B.H., Medlin, B.S., Patel, D. J., Byrd-Craven, J., & Hawkins, M.

(2024). Decreased salivary alpha-amylase reactivity for excluded young women after a speech task. *Physiology & Behavior* <https://doi.org/10.1016/j.physbeh.2024.114501>

Keirns\*, N.G., Keirns, B.H., Tsotsoros\*, C.E., Layman\*, H.M., Stout\*, M.E., Sciarrilo

C.M., Emerson, S.E., Byrd-Craven, J., Krems, J.A., Pearl, R.L., Tomiyama, A.J.,

& Hawkins, M.A.W. (2024). Pilot study of the acute inflammatory effects of

weight stigma in women. *Stigma and Health*.

Garza, R. & Byrd-Craven, J. (2023). Women’s mating strategies and mate value

are associated with viewing time to facial masculinity. *Archives of Sexual*

*Behavior.*52, <https://doi.org/10.1007/s10508-023-02621-7>

Wood, E.E., Garza, R., Clauss, N., Short\*, V.M., Ciciolla, L., Patel\*, D., & Byrd-Craven,

J. (2023). The family biorhythm: Contributions of the HPA and HPG axes

to neuroendocrine attunement. *Adaptive Human Behavior & Physiology.* <https://doi.org/10.1007/s40750-023-00215-0>

Garza, R., Pazhoohi, F. Al-Shawaf, L., & Byrd-Craven, J. (2023). An eye tracking

study examining the role of mating strategies, perceived vulnerability to disease, and disgust in attention to pathogenic cues. *Adaptive Human Behavior and Physiology, 9,* 72-87.

Garza, R., & Byrd-Craven, J. (2023). The role of hormones in attraction and

visual attention to masculinity. *Frontiers in Psychology, Evolutionary Psychology, 14.* *DOI=10.3389/fpsyg.2023.1067487*

Garza, R., Pazhoohi, F., & Byrd-Craven, J. (2023). Ecological Influences and Visual

Attention to Infant Phenotypes. *Culture & Evolution.* <https://doi.org/10.1556/2055.2022.00019>

Clauss\*, N., Brass\*, K., Billings\*, K.D., Tolliver\*, M., Garza\*, R., Byrd-Craven, J., and

Campbell, P. (2022). The modification of offspring stress-related

behavior and gene expression by diet. *International Journal of Molecular*

*Sciences,*  *23*(16), 9245. MDPI AG. Retrieved from

http://dx.doi.org/10.3390/ijms23169245

Patel\*, D., Krems, J.A., Stout\*, M.E., Byrd-Craven, J., & Hawkins, M.A. (2022).

Parents of higher-weight children are viewed as responsible for child weight and

thus stigmatized. *Psychological Science, 34.* <https://doi.org/10.1177/09567976221124951>

Krems, J.A., Merrie\*, L.A., Short\*, V., Duarte\*, K., Rodriguez\*, N.N., French, J.E.,

Sznycer, D., & Byrd-Craven, J. (2022). Third-party perceptions of male and female status: Male physical strength and female physical attractiveness cue high status. *Frontiers in Ecology & Evolution*, *10,* 860707.

Byrd-Craven, J., & Rankin\*, A.M. (2022) Grandmothers and Hormonal Underpinnings:

Unexplored Aspects of Women’s Same-Sex Relationships. *Archives of Sexual*

*Behavior.* <https://doi.org/10.1007/s10508-021-02222-2>

Wood\*, E.E., Criss, M.M., & Byrd-Craven, J. (2021). The role of fathers on HPA-axis

development and activity across the lifespan: A brief review. *Journal of Neurobiology and Physiology, 3,* 32-35.

Garza\*, R., Pazhoohi, F., & Byrd-Craven, J. (2021). The role of breast

morphology on intrasexual competition in women: Women’s perceptions of

breast size ptosis, and intermammary distance. *Evolutionary Behavioral Sciences, 7,* 174-183*.* <https://psycnet.apa.org/doiLanding?doi=10.1037%2Febs0000273>

Wood,\* E.E., Criss, M.M., & Byrd-Craven, J. (2021). Stress response

asymmetries in African American emerging adults exposed to chronic social

adversity. *Stress.* DOI: [10.1080/10253890.2021.1955852](https://doi.org/10.1080/10253890.2021.1955852)

Garza\*, R., & Byrd-Craven, J. (2021). Women’s Mating Strategies

And Preferences for Strong Men Under Perceived Harsh vs. Safe Ecological Conditions. *Evolutionary Psychology*.

Rankin\*, A., Garza\*, R., & Byrd-Craven, J. (2021). The endocrinology of female

friendships: Cortisol and progesterone attunement after separation. *Biological Psychology (Special Issue on Biological, Emotional and Behavioral Concordance: Multi-level, Multi-person Approaches to Health Across the Lifespan), 161,* 108059 <https://doi.org/10.1016/j.biopsycho.2021.108059>

Wood,\* E.E., Garza\*, R., Kennison, S.M. & Byrd-Craven, J. (2021) Parenting,

cortisol and risky behaviors in emerging adulthood: Diverging patterns for males and females. *Adaptive Human Behavior & Physiology, 7,* 114-132*.*

Garza\*, R., Clauss, N., & Byrd-Craven, J. (2021). Do BMI and sex hormones influence

visual attention to food stimuli in women? Tracking eye movements across the

menstrual cycle. *Evolutionary Psychological Science*

<https://doi.org/10.1007/s40806-020-00273-7>

Garza\*, R., & Byrd-Craven, J., (2020) Effects of Women’s Short-Term Mating

Orientation and Self-Perceived Attractiveness in Rating and Viewing Men’s

Waist to Chest Ratios. *Archives of Sexual Behavior*

<https://doi.org/10.1007/s10508-020-01846-0>

Garza\*, R., Pazhoohi, F., & Byrd-Craven, J. (2020). Does ecological harshness influence

men’s perceptions of women’s breast size, ptosis, and intermammary distance?

*Evolutionary Psychological Science.*

<https://doi.org/10.1007/s40806-020-00262-w>

Byrd-Craven, J., Criss, M., Calvi, J.L., Cui, L., Baraldi, A. & Morris, A.S., (2020)

Contextual and genetic correlates of adrenocortical attunement and reactivity

among parent-daughter dyads from low-income families. *Developmental*

*Psychobiology.*

<https://doi.org/10.1002/dev.21970>

Kennison, S.M. & Byrd-Craven, J. (2020). Childhood relationship with mother as a

precursor to ageism in young adults. *Current Psychology, 39,* 1331-1339.<https://doi.org/10.1007/s12144-018-9838-2>

Calvi, J. L.,Rankin\*, A., 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, 14,* 63-78.

Garza\*, R., & Byrd-Craven, J. (2019). Fertility status in visual processing of men’s

attractiveness. *Evolutionary Psychological Science, 4,* 328-342.

Clauss\*, N., & Byrd-Craven, J. (2019). Exposure to sex-specific stressor mitigates

sex differences in stress-induced eating. *Physiology & Behavior, 202,* 26-35.

Rankin\*, A., Swearingen-Stanborough\*, C., Granger, D.A., & Byrd-Craven, J. (2018).

The role of co-rumination and adrenocortical attunement in youngwomens’ friendships. *Psychoneuroendocrinology, 98,* 61-66*.*

Auer, B.J., Calvi, J.L., Jordan, N., Schrader, D., & Byrd-Craven, J. (2018).

Communication and social interaction anxiety enhance interleukin-1Beta and

cortisol reactivity during high-stakes public speaking. *Psychoneuroendocrinology, 94,*83-90.

Clauss\*, N., Byrd-Craven, J., Kennison, S.M. & Chua\*, K.J. (2018). The roles of

mothers’ partner satisfaction and mother-infant communication in mother-infant

adrenocortical attunement. *Adaptive Human Behavior and Physiology, 4,* 91-107.

Kennison, S.M., Byrd-Craven, J., & Hamilton\*, S. (2017). Individual differences in

talking enjoyment: The roles of life history strategy and mate value. *Cogent*

*Psychology, 4:1,* DOI: [10.1080/23311908.2017.1395310](https://doi.org/10.1080/23311908.2017.1395310)

Bock\*, J., Byrd-Craven, J., & Burkley, M. (2017). The role of sexism in voting in

the 2016 Presidential Election. *Personality and Individual Differences, 119,* 189-193.

Kennison, S.M., Wood\*, E.E., Byrd-Craven, J., & Downing\*, M. (2016). The role

of family dynamics in risk-taking by young adults. *Cogent Economics & Finance,*

*4:* 123225

Byrd-Craven, J., Calvi, J.L., and Kennison, S.M. (2016). Rapid Cortisol and

Testosterone Responses to Sex-Linked Stressors: Implications for the Tend-and-

Befriend Hypothesis. *Evolutionary Psychological Science, 2,* 119-206.

Swearingen\*, C. L., Byrd-Craven, J., & Kennison, S.M. (2016). The relationship

between co-rumination through Facebook and health in college students. *Psi Chi*

*Journal of Psychological Research, 21,* 111-118.

Massey-Abernathy\*, A. & Byrd-Craven, J. (2016). Functional Leadership: Bi-

strategic controllers high on effortful control show gains in status and health.

*Personality and Individual Differences, 97,* 193-197*.*

Aupperle, R.L., Morris, A.S., Silk, J.S., Criss, M. M., Judah, M., Eagleton, S., Byrd-

Craven, J., Phillips, R., & Alvarez, R.P. (2016). Neural responses to maternal praise and criticism: Relationship to depression and anxiety symptoms in high-risk adolescent girls. *Neuroimage Clincal, 11,* 548-554.

Massey-Abernathy\*, A., & Byrd-Craven, J. (2016). Seeing but not feeling:

Machiavellian traits in relation to physiological empathetic responding and life

experiences. *Adaptive Human Behavior & Physiology, 2,* 252-266*.*

Kennison, S.K. & Byrd-Craven, J. (2015). Gender differences in beliefs about

infant-directed speech. *Child Development Research, 2015.* http://dx.doi.org/10.1155/2015/871759

Auer\*, B.J., Byrd-Craven, J., Grant, D. M., & Granger, D. A. (2015). Oxytocin

receptor genetic variation interacts with rejection sensitivity to influence cortisol

reactivity during negative evaluation. *Hormones & Behavior, 75,* 64-69.

Byrd-Craven, J., Geary, D., Massey\*, A.R., & Calvi\*, J.L. (2015). Interests

mediate sex differences in empathizing and systemizing. *Personality and Individual*

*Differences, 82,* 237-241*.*

Massey-Abernathy\*, A.R., Byrd-Craven, J., Swearingen, C.L. (2015). The biological

diary of a woman:  Physiological consequences of status and social evaluative

threat. *Evolutionary Psychological Science.* 10.1007/s40806-014-0008-y

Byrd-Craven, J., Auer\*, B.J., & Kennison, S.M. (2015). Sex differences in physiological

responses sex-linked stressors: A test of tend-and-befriend model. *Adaptive Human*

*Behavior and Physiology, 4,* 408-420. DOI 10.1007/s40750-014-0013-1

Massey-Abernathy\*, A.R., Byrd-Craven, J., Auer\*, B.J., Swearingen\*, C.L. (2015).

Climbing the social ladder: Physiological response to social status in adolescents.

*Adaptive Human Behavior and Physiology, 1,* 72-92*.* DOI: 10.1007/s40750-014-0009-x

Massey\*, A.R., Byrd-Craven, J., & Swearingen\*, C. L. (2014). Preschool Power

Play: Resource Control Strategies Associated with Health. *Child Development*

*Research, 2014.*

Vaughn\*, J.E., Kennison, S. M. & Byrd-Craven, J. (2014). The role of beliefs on

learning about homosexuality in a college course. *Journal of Homosexuality, 61,*

1420-1434*.*

Davidson\*, C.L., Grant, D. M., Byrd-Craven, J., Mills\*, A.C., Judah\*, M.R. & Lechner\*,

W.V. (2014). Psychometric properties of the Co-rumination

Questionnaire. *Personality and Individual Differences, 70,* 171-175*.*

Byrd-Craven, J. & Massey\*, A. R. (2013). Lean on me: The effects of social

support on low-socioeconomic status pregnant women. *Nursing and Health*

*Sciences, 15,* 374-378.

Giddens, C., Barron, K.W., Byrd-Craven, J., Clark, K.F. (2013). Vocal Indices

of Stress: A Review. *Journal of Voice, 27,* 390-399.

Byrd-Craven, J., Auer\*, B.J., Granger, D.A., & Massey\*, A.M. (2012). The Father-

Daughter Dance: The influence of father-daughter relationship quality on

daughters’ stress response to peer dynamics. *Journal of Family Psychology, 26,* 87-94*.*

Eddington\*, A.R., Mullins, L.L., Byrd-Craven, J., & Chaney, J.M. (2012). An

experimental examination of stress reactivity in adolescents and young adults with

asthma. *Children’s Health Care, 41*, 16-31.

Byrd-Craven, J., Granger, D.A., & Auer\*, B.J. (2011). Stress reactivity to co-

rumination in young women’s friendships: The relationship between cortisol and

alpha-amylase. *Journal of Social and Personal Relationships, 28*,469-487.

Vaughn\*, J. E., Bradley\*, K. I., Byrd-Craven, J., & Kennison, S. M.  (2010).  The

effect of mortality salience on women’s judgments of male faces.  *Evolutionary Psychology, 8,* 477-491.

Geary, D. C., Hoard, M.K., Nugent, L. & Byrd-Craven, J. (2008) Development of

number line representations in children with mathematical learning disability.

*Developmental Neuropsychology, 33,* 277-299.

Hoard, M.K., Geary, D.C., Byrd-Craven, J., & Nugent, L. (2008) Mathematical

cognition in intellectually precocious first graders. *Developmental*

*Neuropsychology, 33,* 251-276.

Byrd-Craven, J., Geary, D.C., Rose, A.J., and Ponzi, D. (2008) Co-ruminating increases

stress hormone levels in women. *Hormones & Behavior, 53,* 489-492.

Byrd-Craven, J., Geary, D. C., Vigil, J. M., & Hoard, M. K. (2007). One mate or two?

Life history traits and reproductive variation in low-income women. *Acta*

*Psychologica Sinica, 39,* 469-480.

Byrd-Craven, J., & Geary, D. C. (2007). Biological and evolutionary contributions to

developmental sex differences. *Reproductive BioMedicine, 15,* 10-20*.*

Geary, D. C., Hoard, M. K., Byrd-Craven, J., Nugent, L., & Numtee, C. (2007).

Cognitive mechanisms underlying achievement deficits in children with

mathematical learning disability. *Child Development*, *78*, 1343-1359.

Vigil, J. M., Geary, D. C., & Byrd-Craven, J. (2006). Trade-offs in low-income women’s

mate preferences: Within-sex differences in reproductive strategy. *Human Nature, 17*, 319-336.

Vigil, J. M., Geary, D. C., & Byrd-Craven, J. (2005). A life history assessment of early

childhood sexual abuse in women. *Developmental Psychology, 41*, 553-561.

Geary, D. C., Hoard, M. K., Byrd-Craven, J., & DeSoto, C. M. (2004). Strategy choices

in simple and complex addition: Contributions of working memory and counting

knowledge for children with mathematical disability. *Journal of Experimental Child Psychology, 88*, 121-151.

Geary, D. C., Vigil, J., & Byrd-Craven, J. (2004). Evolution of human mate choice.

*Journal of Sex Research, 41*, 27-42.

Geary, D. C., Byrd-Craven, J., Hoard, M. K., Vigil, J., & Numtee, C. (2003). Evolution

and development of boys’ social behavior. *Developmental Review, 23*, 444-470.

*Book Chapters*

Krems, J.A., & Byrd-Craven, J. (in press). An evolutionary understanding of friendship.

In M. Fisher (Ed), *The APA Handbook of Evolutionary Psychology.* American

Psychological Association Press.

Calvi, J.L., & Byrd-Craven, J. (2023). Emotions in co-rumination: An

evolutionary developmental perspective. In L. Al-Shawaf & T.K. Shakelford (Eds),

*The Oxford Handbook of Evolution and the Emotions.* Oxford University Press.

Byrd-Craven, J., & Clauss, N.J. (2019). The psychobiology of family dynamics:

Bidirectional relationships with adrenocortical attunement. In A.W. Harrist & S.M.

Wilson (Series Eds.) and B. Gardner & A.W. Harrist (Vol. Eds.), *Emerging Issues*

*in Family and Individual Resilience: Vol. 3. Biobehavioral markers in risk and*

*resilience research.* Cham, Switzerland: Springer International. doi:10.1007/978-3

030-05952-1

Geary, D.C., Byrd-Craven, J. & Massey\*, A. R. (2014). Sexual selection and the

extreme male brain theory of autism. In S. Baron-Cohen, M., Lombardo, & A. Wakabayashi (Eds.), The empathizing-systemizing (E-S)

theory: Beyond sex differences in cognitive style. Cambridge, MA: The MIT

Press.

Byrd-Craven, J., & Geary, D.C. (2013). An evolutionary understanding of sex

differences. M.K. Ryan & N.R. Branscombe (Eds.). *The Sage*

*Handbook of Gender and Psychology* (pp. 100-114). Thousand Oaks, CA: Sage

Publications.

Geary, D. C., Nugent, L., Hoard, M. K., & Byrd-Craven, J. (2007). Strategy use, long-

term memory, and working memory capacity. In D. B. Berch & M. M. M.

Mazzocco (Eds.),*Why is Math So Hard for Some Children? The Nature and*

*Origins of Mathematical Learning Difficulties and Disabilities* (pp. 83-105).

Baltimore, MD: Paul H. Brookes Publishing Co.

*Other Publications*

Clauss\*, N., Rankin\*, A., & Byrd-Craven, J. (2017). Meta-analysis of sex differences

in aggression. T. Shakelford & V. Weeks-Shakelford (Eds). *The Encyclopedia of*

*Evolutionary Psychological Science.* Springer.

Byrd-Craven, J., Auer\*, B.J., & Massey\*, A.R. (2014). Intrasexual competition. M.

LaFlaur & W. Trevathan (Eds). *The Encyclopedia of Human Sexuality.* Wiley-

Blackwell Reference.

\*Indicates graduate student co-author

\*\* Indicates undergraduate student co-author

**Presentations**

Byrd-Craven, J., Short, V., Duarte, K., Wood, E.E., & Criss, M.M. (2023, June). *Biological underpinnings and protective factors: Links between developmental social adversity and adaptive calibration of the stress response.* Paper presented at the Annual Meeting of Human Behavior and Evolution Society, Palm Springs, California.

Wood, E.E.,Criss, M.M., & Byrd-Craven, J. (2022, June). *Social-environmental predictors of female sexual behavior: The role of interpersonal trauma and family relationships.*at the 2022 Annual Meeting of the Human Behavior and Evolution Society. Virtual.

Evans, K., Criss, M. M., & Byrd-Craven, J. (2022, April). *Link between parent-youth relationship quality and emerging adult health outcomes: An examination of mediation effects.*Paper presented at the Conferences for the Oklahoma Council on Family Relations. Edmond, OK.

Weston,\* J. D., Criss, M. M., McGehee\*, A. L., & Byrd-Craven, J. (2022, March). *Link*

*between experiences with racism and youth adjustment: An examination of*

*moderating effects.* Poster presented at the Conference for the Society for

Research on Adolescence, New Orleans, LA.

Byrd-Craven, J. & Rankin\*, A.M. (2021) Uncovering the hormonal underpinnings of

female friendships. Symposium presented at the annual meeting of Human

Behavior and Evolution Society, Virtually Everywhere.

Short\*, V. M., Garza\*, R. Wood\*, E., & Byrd-Craven, J. (July 2021). Families that stress

together, stay together: Exploring cortisol synchrony among families. Talk

presented at the annual meeting for the Human Behavior and Evolution Society

(HBES). Virtual conference.

Wood\*, E.E., Garza\*, R., Clauss\*, N.J., & Byrd-Craven, J. (April 2021). Paternal

biobehavioral influence on family dynamics and infant stress response. Presented at

the annual meeting of Society for Research in Child Development. Virtual

conference.

Byrd-Craven, J., & Rankin, A.M. (2019) Examining the importance of biosocial trade

offs in understanding female sociality. Presentation at the annual meeting of

Human Behavior and Evolution Society, Boston, MA

Byrd-Craven, J. (2019). Examining the importance of biosocial trade-offs in

understanding female sociality. Invited presentation at the annual Evolutionary Psychology pre-conference at the annual meeting of Society for Personality and Social Psychology, Portland, Oregon.

Rankin, A. & Byrd-Craven, J. (2017). The psychobiology of female friendships: How

hormonal synchrony relates to friendship quality. Presentation at the

annual meeting of Human Behavior and Evolution Society, Boise, Idaho.

Byrd-Craven, J., Massey-Abernathy, A., Newport, B., & Rankin, A. (2017). Let’s face it:

How facial cues are associated with social dominance, health, and personality. A

poster presented at the annual meeting of Human Behavior and Evolution Society,

Boise, Idaho.

Long, K., Rankin, A., & Byrd-Craven, J. (2017). Life history theory and the trade-off

between quantity and quality of friendships. A poster presented at the annual

meeting of Human Behavior and Evolution Society, Boise, Idaho.

Byrd-Craven, J., Swearingen-Stanbrough, C.L., & Massey-Abernathy, A.R. (2016) The

adaptive trade-offs of personality traits and empathy. A symposium presented at the

annual meeting of Southwestern Psychological Association, Dallas, Texas.

Chua, K.J., Clauss, N., Hamilton, S., Byrd-Craven, J. & Kennison, S.M. (2016). Mother-

infant functioning. A poster presented at the annual meeting of Southwestern

Psychological Association, Dallas, Texas.

Pixley, L.D., Chua, K.J., Franzmann, T.K., Mitchener, A.F., & Byrd-Craven, J. (2016).

Cyclothymic tendencies and locus of control explained by Life History Theory. A

poster presented at the annual meeting of Southwestern Psychological Association,

Dallas, Texas.

Franzmann, T.K., Chua, K. J., Pixley, L.D., Mitchener, A.F., & Byrd-Craven, J. (2016).

Investing in the future explains why long-term partners are preferred. A

poster presented at the annual meeting of Southwestern Psychological Association,

Dallas, Texas.

Fouts, S., Rankin, A., & Byrd-Craven, J. (2016). The role of mindfulness on friendship

quality. A poster presented at the annual meeting of Southwestern Psychological

Association, Dallas, Texas.

Houtlberg, B., Criss, M., Morris, A.S., Byrd-Craven, J., & Roblyer, M.Z. (2016). Family

emotion climate and oxytocin as moderators in the link between emotion coaching

and adolescent negative affect. A poster presented at the annual meeting of

Society for Research on Adolescence, Baltimore, Maryland.

Byrd-Craven, J. & Calvi, J.L. (2015). Tend-and-Befriend: Do males and females show

differential physiological responses to social stressors? Poster presented at the

annual meeting of Human Behavior and Evolution Society, Columbia, MO.

Swearingen-Stanbrough\*, C. & Byrd-Craven, J. (2015). Connected or disconnected?

Romantic couples’ adrenocortical attunement in a “connected” world. Poster

presented at the annual meeting of Human Behavior and Evolution Society, Columbia, MO.

Rogers\*\*, F.D. & Byrd-Craven, J. (2015). Hormonal response to partner exposure in

female-female, female-male, and male-male romantic relationships. Poster

presented at the annual meeting of Human Behavior and Evolution Society, Columbia, MO.

Calvi, J. L. & Byrd-Craven, J. (2015). An alternative definition of co-rumination in

social relationships. Poster presented at the annual meeting of Human Behavior

and Evolution Society, Columbia, MO.

Massey-Abernathy\*, A.R., Byrd-Craven, J., & Sellers\*\*, S. (2015).  Emotions, Empathy,

and Physiology.  Poster presented at the annual meeting of Human Behavior and

         Evolution Society, Columbia, MO.

Massey-Abernathy\*, A.R., Russell\*\*, C., August\*\*, M., & Byrd-Craven, J. (2015).

         Associations between social positions, prenatal hormone exposure, stress, and

         health. Poster presented at the annual meeting of Southwestern Psychological

         Association, Wichita, KS.

Massey-Abernathy\*, A.R., Duell\*\*, E., McMilin\*\*, K., August\*\*, M., Russell\*\*, C., &

Byrd-Craven, J. (2015).  Emotions, Empathy, and Physiology. Poster presented at the annual meeting of Southwestern Psychological Association, Wichita, KS.

Massey\*, A.R., Pasquini\*\*, A., & Byrd-Craven, J. (2014). The biological diary of a

dominant woman: Physiological consequences of social rejection. A poster

presented at the annual meeting of Oklahoma Psychological Society, Edmond, OK.

Byrd-Craven, J. & Swearingen\*, C.L. (2014, March). Cortisol synchrony during

problem discussion: The role of co-rumination and negative affect focus. Symposium presented at Society for Research on Adolescence, Austin, Texas.

Calvi, J.L., Byrd-Craven, J., Morris, A.S., Criss, M.M., Cui, L., & Smallwood, J. (2014,

March). Stress system synchrony between parents and adolescent girls from

disadvantaged backgrounds. A poster presented at Society for Research on

Adolescence, Austin, Texas

Jordan, N.M., Calvi\*, J.L., Auer\*, B.J., & Byrd-Craven, J. (2013, June). Social

evaluative threat’s influence on immune response. A poster presented at the annual

meeting of Human Behavior and Evolution Society, Miami Beach, FL.

Byrd-Craven, J. (2013, April). Tend-and-befriend? Care-taking and coalitions.

Symposium presented at Southwestern Psychological Association, Fort Worth, Texas.

Colaizzi, J., Grant, S. L., Schieszler, C., Jones, J., Miner, J., Tisdale, A., Calvi, J., Auer,

B. J., Byrd-Craven, J., & Thomas, D. G. (2013, April). Emotional Contagion and

Cognitions in Infancy. Poster presented at the annual meeting of the Southwestern

Psychological Association, Forth Worth, TX.

Colaizzi, J., Grant, S. L., Schieszler, C., Jones, J., Miner, J., Tisdale, A., Calvi, J., Auer,

B. J., Byrd-Craven, J., & Thomas, D. G. (2013, April). Emotional Contagion and

Cognitions in Infancy. Poster presented at the annual meeting of the Oklahoma

State University Research Symposium, Stillwater, OK.

Grant, S.L., Calvi, J., Thomas, D.G., Colaizzi, J., Auer, B., & Byrd-Craven, J. (2013,

April). Maternal Factors as Predictors of Early Infant Empathy Responses. Poster

presented at the annual meeting of the Southwestern Psychological Association,

Fort Worth, TX.

Byrd-Craven, J., Auer\*, B.J., Greenfield\*\*, N., Russo\*\*, F., & Kennison, S.M. (2012,

June). Tend and befriend? Physiological and relational responses to sex-specific

stressors. A poster presented at the annual meeting of Human Behavior and Evolution Society, Albuquerque, New Mexico.

Massey\*, A.R., Swearingen\*, C. L., & Byrd-Craven, J. (2012, April). Does popularity

change? A poster presented at the annual meeting of Southwestern Psychological

Association, Oklahoma City, Oklahoma.

Grant\*, S. L., Thomas, D.G., Auchobon-Endsley\*, N.L., Byrd-Craven, J. & Auer\*, B.J.

(2012, April). Salivary alpha-amylase and heart rate as markers of infants’

emotional contagion responses. A poster presented at the annual meeting of

Southwestern Psychological Association, Oklahoma City, Oklahoma.

Massey\*, A.R., Swearingen\*, C.L., Shreve\*\*, L.C., Calvi\*, J., Greenfield\*\*, N., & Byrd

Craven, J. (2012, April). Climbing the social ladder: Social hierarchies, perceived

popularity and stress. A poster presented at the annual meeting of Southwestern Psychological Association, Oklahoma City, Oklahoma.

Auer\*, B.J., Greenfield\*\*, N., Jordan\*\*, N.M., & Byrd-Craven, J. (2012, April).

Rejection stings on a deeper level: Physiological change in response to slighting. A

poster presented at the annual meeting of Southwestern Psychological Association,

Oklahoma City, Oklahoma.

Calvi\*, J., Greenfield\*\*, A., & Byrd-Craven, J. (2012, April). Behavioral empathy and

physiological responses. A poster presented at the annual meeting of Southwestern

Psychological Association, Oklahoma City, Oklahoma.

Jordan\*\*, N.M., Greenfield\*\*, N., Auer\*, B.J., & Byrd-Craven, J. (2012, April).

Physiological habituation to anticipatory stress in an experimental setting. A poster

presented at the annual meeting of Southwestern Psychological Association,

Oklahoma City, Oklahoma.

Auer\*, B.J., Greenfield\*\*, N., Jordan\*\*, N.M., & Byrd-Craven, J. (2012, April). Social

Desirability and sensitivity to social rejection predict stress reactivity following

peer evaluation. A poster presented at the annual meeting of Southwestern

Psychological Association, Oklahoma City, Oklahoma.

Shreve\*\*, L.C., Auer\*, B.J., Greenfield\*, N., Smith\*, S., Schieszler\*, C., Kennison,

S.M., Byrd-Craven, J. (2012, April). Tend and befriend? Physiological and

relational responses to sex-specific stressors. A poster presented at the annual meeting of Southwestern Psychological Association, Oklahoma City, Oklahoma.

Byrd-Craven, J. (2011, April). The father-daughter dance: The influence of father

daughter relationship quality on daughters’ stress response to peer dynamics. Symposium presented at Southwestern Psychological Association, San Antonio, Texas.

Auer\*, B.J., Fratzke\*\*, J., Massey\*, A.R., Byrd-Craven, J. (2011, April). Affiliation

under stress. A poster session presented at the annual meeting of Southwestern

Psychological Association, San Antonion, Texas.

Swearingen\*, C.L., Byrd-Craven, J., Grant, D.M. & Kennison, S.M. (2011, April). Co-

rumination and perceived stress in older adults. A poster session presented at the

annual meeting of Southwestern Psychological Association, San Antonion, Texas.

Vaughn\*, J. E., Kennison, S. M., Bradley\*, K. I., Byrd-Craven, J. (2010,

January). The effects of ovulation status and MS on women’s rating the

attractiveness of male faces. A poster session presented at the annual meeting of

the Society of Personality and Social Psychology, Las Vegas, Nevada.

Starr\*\*, K., Lovett\*\*, D., Hastings\*\*, K., Auer\*, B.J., Byrd-Craven, J. & Kennison, S.

M. (2010, April). *Excessive Chatting: The impact of co-rumination via Facebook*

*chat.* Poster presented at Southwestern Psychological Association, Dallas, Texas.

Vogle\*\*, A. & Byrd-Craven, J. (2009, April). *The effect of peer relationships on the*

*human stress response in gay men.* Poster presented at Oklahoma Psychological Society, Edmond, OK.

Bertrem\*\*, B., Hughes\*\*, S., Auer\*, B. J., Nelligan\*\*, B. & Byrd-Craven, J. (2009,

April). *The effect of father-daughter relationships: Daughter’s sensitivity to*

*emotional changes.* Poster presented at Oklahoma Psychological Society, Edmond,

OK.

Hughes\*\*, S., Auer\*, B., Hart\*\*, R., & Byrd-Craven, J. (2009, April). *The impact of*

*salient/uncontrollable stressors on the stress response.* Poster presented at

Southwestern Psychological Association, San Antonio, Texas.

Byrd-Craven, J. (2008, April). *Co-rumination increases stress hormone levels in young*

*women.*  Paper presented at Southwestern Psychological Association, Kansas City,

Missouri.

Byrd-Craven, J., Geary, D.C., Hoard, M.K., Vigil, J. & Numtee, C. (2003, June).

*Evolution and development of boys’ social behavior.* Poster presented at Human Behavior and Evolution Society, Lincoln, Nebraska.

Byrd-Craven, J., Hoard, M.K., & Geary, D.C. (2002, November). *Counting span and*

*procedural competencies in children with learning disabilities.* Poster presented at

Psychonomics Society, Kansas City, MO.

Schreiber, H.L. & Byrd-Craven, J. (2002, April). *Lippopolysaccharide and pup stress*

*affects maternal care in rats.* Poster presented at Southwestern Psychological

Association, Corpus Christi, TX.

Byrd-Craven, J., Benford, S., & Schreiber, H.L. (2000, April). *Behavior of later-born*

*after troubled first maternal experience.* Poster presented at Southwestern Psychological Association, Dallas, TX.

\*Indicates graduate student co-author

\*\* Indicates undergraduate student co-author