# Kristen Marie Culbert, PhD

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# **RESEARCH INTERESTS**

Eating disorders; sex-differentiated risk; developmental changes in risk; behavior genetics; behavior neuroendocrinology; biological-environmental interactions

## **EDUCATION**

EDUCATION	
2011	Michigan State University, East Lansing, Michigan Cognate: Behavioral Neuroscience and Genetics Dissertation: Prenatal Testosterone Exposure and Developmental Differences in Risk for Disordered Eating. Kelly L. Klump, Ph.D. (Advisor), S. Marc Breedlove, Ph.D., S. Alexandra Burt, Ph.D., & Cheryl L. Sisk, Ph.D.
2010-2011	Predoctoral Internship The University of Chicago, Department of Psychiatry and Behavioral Neuroscience, Eating and Weight Disorders Program, Chicago, Illinois
2007	Masters of Arts in Clinical Psychology  Michigan State University, East Lansing, Michigan Thesis: Prenatal Testosterone Exposure and Risk for Eating Disorders: A Comparison of Opposite-Sex and Same-Sex Twins.  Kelly L. Klump, Ph.D. (Advisor), S. Marc Breedlove, Ph.D. & Joel T. Nigg, Ph.D.
2004	Bachelor of Arts in Psychology: Honors College  Michigan State University, East Lansing, Michigan  Specialization in Bioethics, Humanities & Society, College of Human Medicine  Senior Honors Thesis: Impulsivity as an Underlying Factor in the Relationship between  Bulimic and Sexual Behaviors in Female College Students.  Kelly L. Klump, Ph.D. (Advisor), Lawrence Messé, Ph.D., Frederick L. Oswald, Ph.D.

# POSTGRADUATE TRAINING

2013- 2015	Postdoctoral Fellow, Davis Foundation Trainee in Eating Disorder Research Michigan State University, Department of Psychology, East Lansing, Michigan
2011-2013	Postdoctoral Fellow, NIMH T32 Trainee in Eating Disorder Research The University of Chicago, Department of Psychiatry and Behavioral Neuroscience, Eating and Weight Disorders Program, Chicago, Illinois

## **APPOINTMENTS**

2022	Research Specialist – Fixed Term <u>Michigan State University</u> , Department of Psychology, East Lansing, Michigan
2019-2021	Assistant Professor, Research Educator  Wayne State University School of Medicine, Department of Family Medicine and Public Health Sciences, Behavioral Health Division, Detroit, Michigan

#### 2015-2019 Assistant Professor

<u>University of Nevada – Las Vegas</u>, Department of Psychology, Las Vegas, Nevada

## **MAJOR PROFESSIONAL SOCIETIES**

Academy for Eating Disorders (AED), member American Psychological Association (APA), member Behavior Genetics Association (BGA), member Eating Disorder Research Society (EDRS), member Society for Behavioral Neuroendocrinology (SBN), member

## **LICENSURE**

Licensed Psychologist (6301015397), State of Michigan, 2013 to present

## **HONORS AND AWARDS**

2021	Teaching Award, Wayne State University School of Medicine	
2021	Super Reviewer, Executive Committee, International Journal of Eating Disorders	
2018	<b>Travel Award</b> , Office of the Executive Vice President & Provost, University of Nevada – Las Vegas (UNLV)	
2018	William Morris Award for Excellence in Scholarship, College of Liberal Arts, University of Nevada – Las Vegas (UNLV) (\$1,000)	
2011-2013	National Institute of Health (NIH), Clinical Loan Repayment Award	
2009	Associate Member Travel Fellowship, Behavior Genetics Association (BGA)	
2008	John Hurley Endowed Fellowship Award for Best Clinical Psychology Dissertation Proposal, Michigan State University (\$3,200)	
2008	Top 10 Newsworthy Abstracts, International Conference for Eating Disorders	
2008	<b>Excellence in Research Award for Graduate Students, Blue Cross Blue Shield of Michigan Foundation</b>	
2006-2007	<b>Pre-doctoral Trainee, National Institute of Mental Health (NIMH)</b> , Integrative Neurobiology of Social Processes Training Grant (5T32MH070343), Michigan State University; PI/Program Director: S. Marc Breedlove, Ph.D.; Primary Mentor: Kelly L. Klump, Ph.D.	
2006	Junior Investigator Travel Award, Academy for Eating Disorders and the National Institute of Mental Health (NIMH) Scholarship Program	

## **SCHOLARLY SERVICE**

## SERVICE FOR PEER-REVIEWED JOURNALS

# Editorial Board Membership:

Journal of Psychopathology and Clinical Science, January 2018 to present Eating Behaviors, April 2017 to present International Journal of Eating Disorders, January 2016 to present

#### Ad Hoc Journal Reviews:

Adolescent Health, Medicine and Therapeutics	2017
Appetite	2017-present
Archives of General Psychiatry	2011
Assessment	2015-2016
Behavior Genetics	2014-2015

#### INSTITUTIONAL SERVICE

The Journal of Nutrition

## University:

**Grant Reviewer**, Henry Ford Health System (HFHS) Internal Grant Funding Application program, <u>HFHS and Wayne State University School of Medicine</u>, September 2021.

2016-2017

Committee Member, School of Medicine (SOM) Research Development Committee (RDC), Wayne State University School of Medicine, January 2021 to present

**Mid-Tenure Faculty Representative**, *Promotion and Tenure Panel*, New Faculty Orientation, <u>University of Nevada</u> – Las Vegas, August 2018

**Faculty Representative**, Panel on *Navigating Postdoc and the Faculty Transition*, Postdoc and Faculty Social Event, <u>University of Nevada – Las Vegas</u>, September 2018

Faculty Judge, Graduate & Professional Student Research Forum, University of Nevada – Las Vegas, March 2015 & 2016

**Grant Reviewer**, Faculty Opportunity Award program, Office of Research and Economic Development, University of Nevada – Las Vegas, March 2015

**Faculty Advisor**, *Mental Well-being Awareness and Health Association (MWAHA)*, Registered Student Organization, <u>University of Nevada – Las Vegas</u>, February 2015 to February 2017

## Departmental:

Chair, Departmental Research Day Committee, Department of Family Medicine & Public Health Sciences, Wayne State University School of Medicine, April 2021 to December 2021

**Co-Chair, Departmental Research Day Committee**, Department of Family Medicine & Public Health Sciences, <u>Wayne State University School of Medicine</u>, October 2020 to April 2021

Committee Member, MPH Program Evaluation Committee, Department of Family Medicine & Public Health Sciences, Wayne State University School of Medicine, September 2019 to present

**Faculty Search Committee Member**, Department of Psychology, <u>University of Nevada – Las Vegas</u>, August 2018 to January 2019

**Diversity, Equity, and Inclusion Committee Member**, Department of Psychology, <u>University of Nevada – Las Vegas</u>, March 2015 to May 2019

Comprehensive Examination Committee Member, Clinical Psychology Program, Department of Psychology, <u>University of Nevada – Las Vegas</u>, August 2015 to August 2018

Faculty Judge, Psi Chi Conference, Department of Psychology, University of Nevada – Las Vegas, April 2015

**Faculty Representative**, *Interprofessional Education Day*, Department of Psychology, <u>University of Nevada – Las Vegas</u>, February 2015 & March 2017

#### MAJOR PROFESSIONAL SERVICE

**Abstract Reviewer**, Academy for Eating Disorders, 2023 International Conference on Eating Disorders, Washington, DC.

Scientific Program Committee, Biology Plenary Co-Chair, Academy for Eating Disorders, 2021 Virtual International Conference on Eating Disorders. August 2019-June 2021.

**Abstract Reviewer**, Academy for Eating Disorders, 2021 International Conference on Eating Disorders, Virtual Meeting.

**Abstract Reviewer**, Academy for Eating Disorders, 2020 International Conference on Eating Disorders, Sydney, Australia.

**Session Co-Chair**, Academy for Eating Disorders, International Conference on Eating Disorders, *Males Oral Scientific Paper Session II*, Friday, March 15, 2019.

**Session Co-Chair**, Academy for Eating Disorders, International Conference on Eating Disorders, *Neuroscience & Genetics Oral Scientific Paper Session I*, Friday, April 24, 2015.

#### **TEACHING**

## **Undergraduate Courses**

#### Instructor

• Health Psychology, University of Nevada – Las Vegas

#### **Guest Lectures**

- Eating Disorders, Abnormal Psychology, Michigan State University
- Eating Disorders, Foundations of Abnormal Psychology, University of Nevada Las Vegas

## **Graduate Courses**

#### Instructor

- Biostatistics I, Masters of Public Health Program, Wayne State University School of Medicine
- Social Basis of Health, Masters of Public Health Program, Wayne State University School of Medicine
- <u>History and Foundations of Clinical Psychology</u>, Doctoral Program in Clinical Psychology, University of Nevada Las Vegas
- Adult Intervention, Doctoral Program in Clinical Psychology, University of Nevada Las Vegas

 Clinical Supervisor, <u>Practicum</u>, Doctoral Program in Clinical Psychology, University of Nevada – Las Vegas

#### Guest Lectures

- Evidence Based Practice in the Treatment of Adolescents with Eating Disorders, DePaul University
- Cognitive Behavioral Therapy for Eating Disorders, Seminar for Psychiatry Residents (PGY-3) & Clinical Psychology Interns, The University of Chicago
- Neurobiology of Eating Disorders, Seminar for Psychiatry Residents (PGY-3), The University of Chicago
- Loan Repayment Opportunities: Planning for Your Financial Future, Seminar for Clinical Psychology Interns, The University of Chicago

#### **Other Teaching**

• Invited Instructor, <u>Introduction to Biostatistics</u>, Year 2 Wayne State University medical students. Virtual lecture series and group learning activities for 300 students. April 2021.

#### **Student Theses/Dissertations**

Megan Shope, Doctoral Dissertation, Department of Psychology, University of Nevada, Las Vegas. *Meta-Analysis of Associations between Pubertal Timing and Eating Pathology Symptoms in Females*. Completed April 2022. Kristen M. Culbert, PhD, Co-Chair; Stephen Benning, PhD, Co-Chair.

Kimberly Stevens, Doctoral Dissertation, Department of Psychology, University of Nevada, Las Vegas. *Examination of the Relationship between Loneliness and Binge Eating Symptoms*. Completed August 2021. Kristen M. Culbert, PhD, Co-Chair; Shane Kraus, PhD, Co-Chair.

Alek Krumm, Doctoral Dissertation, Department of Psychology, University of Nevada, Las Vegas. *Inner Experience and Premenstrual Symptoms*. Completed Spring 2021. Russell T. Hurlburt, PhD, Chair; Kristen M. Culbert, PhD, Committee Member.

Kimberly Stevens, MA Thesis, Department of Psychology, University of Nevada, Las Vegas. *Menstrual Cycle Changes in Dysregulated Eating Symptoms*. Completed May 2020. Kristen M. Culbert, PhD, Chair.

Bern G. Lee, Doctoral Dissertation, Department of Psychology, University of Nevada, Las Vegas. *Visual Attention and Emotion Regulation in Schizophrenia*. Completed Summer 2019. Daniel N. Allen, PhD, Chair; Kristen M. Culbert, PhD, Committee Member.

Liya Akoury, Doctoral Dissertation, Department of Psychology, University of Nevada, Las Vegas. *Disordered Eating in Asian-American Women: Sociocultural and Culture-Specific Predictors*. Completed Spring 2019. Kristen M. Culbert, PhD, Chair.

Megan Shope, MA Thesis, Department of Psychology, University of Nevada, Las Vegas. *Examining the Lasting Influence of Early Pubertal Maturation on Eating Pathology in Adult Females*. Completed Spring 2019. Kristen M. Culbert, PhD, Chair.

Samantha N. Sherwood, MA Thesis, Department of Psychology, University of Nevada, Las Vegas. *Trends in the Rate of Inpatient Pediatric Bipolar Disorder Diagnosis between 1996 and 2015*. Completed Spring 2019. Andrew J. Freeman, PhD, Chair; Kristen M. Culbert, PhD, Committee Member.

Yen-Ling Chen, MA Thesis, Department of Psychology, University of Nevada, Las Vegas. *Identifying Risk Factors for Youth Hospitalization in Crisis Settings: A Classification and Regression Tree Analysis*. Completed Spring 2019. Andrew J. Freeman, PhD, Chair; Kristen M. Culbert, PhD, Committee Member.

Breanna Garcia, MA Thesis, Department of Psychology, University of Nevada, Las Vegas. *Confirmatory Factor Analysis of Oppositional Defiant Disorder within Clinically Referred Youth*. Completed Fall 2018. Andrew J. Freeman, PhD, Chair; Kristen M. Culbert, PhD, Committee Member.

Kimberly Schubert, Doctoral Dissertation, Department of Psychology, University of Nevada, Las Vegas. *Evaluation of a Brief "Surf the Urge" Intervention*. Completed Summer 2018. Stephen D. Benning, PhD & Noelle Lefforge, PhD (Co-Chairs); Kristen M. Culbert, PhD, Committee Member.

Lisa Beckman, MA Thesis, Department of Psychology, University of Nevada, Las Vegas. *Face Affect Perception in Individuals with Schizophrenia and Posttraumatic Stress Disorder*. Completed Spring 2018. Daniel N. Allen, PhD, Chair; Kristen M. Culbert, PhD, Committee Member.

Jessica Habashy, Undergraduate Honors Thesis, Department of Psychology, University of Nevada, Las Vegas. *The Interplay between Perfectionism and Sociocultural Idealization of Thinness on Disordered Eating Symptoms*. Completed Fall 2017. Kristen M. Culbert, PhD, Chair.

Tessa L. Koshel, Doctoral Dissertation, Department of Kinesiology and Nutrition Sciences, University of Nevada, Las Vegas. *Exercise, Learning and Emotional Health: Interdisciplinary Approaches to Translational Action.* Completed Fall 2017. James W. Navalta, PhD, Chair; Kristen M. Culbert, PhD, Committee Member/Graduate College Representative.

Emma Ross, Doctoral Dissertation, Department of Psychology, University of Nevada, Las Vegas. *Identifying Maltreated Youths at High Risk for Posttraumatic Symptom Clusters using Nonparametric Modeling*. Completed Fall 2015. Christopher Kearney, PhD, Chair; Kristen M. Culbert, PhD, Committee Member.

#### **Other Student Research Program Projects**

Roxana Vazquez, McNair Scholars Institute, Department of Psychology, University of Nevada, Las Vegas. *Insula Activation and What it May Tell Us About Food Motivation in Anorexia Nervosa: A Systematic Literature Review.* May 2017 to December 2017. Kristen M. Culbert, PhD, Mentor.

Felipe Diaz, Louis Stokes Alliances for Minority Participation (LSAMP) Research Experience, Department of Psychology, University of Nevada, Las Vegas. *Later Pubertal Timing is Predictive of Drive for Muscularity in Men.* January 2018 to May 2019. Kristen M. Culbert, PhD, Mentor.

Ally Danlag, Tittle III Asian American and Native American Pacific Islander-Serving Institutions (AANAPISI) Scholars Program, Department of Psychology, University of Nevada, Las Vegas. *A Literature Review of Testosterone and Psychosocial Influences on Disordered Eating in Adolescent Boys*. May 2018 to May 2019. Kristen M. Culbert, PhD, Mentor.

Antonio Milá Roa, Louis Stokes Alliances for Minority Participation (LSAMP) Research Experience, Department of Psychology, University of Nevada, Las Vegas. *Low Levels of Testosterone Predict Depressive Symptoms in Adolescent Boys.* May 2018 to December 2018. Kristen M. Culbert, PhD, Mentor.

## GRANTS, CONTRACTS, AND OTHER FUNDING

#### **Active Grants**

National Institutes of Mental Health (NIMH) – R21 MH136442: *Hormonal Programming of the Mesocorticolimbic Circuit During Adolescent Development*; Culbert (Co-Investigator); Sisk/Johnson (Multi-Principal Investigators). \$150,000 (direct costs); 08/07/2024–5/31/2026.

National Institutes of Mental Health (NIMH) – R01 MH118848-05S1: *COVID-19 Administrative Supplement for a Twin Study of Androgen Effects on Binge Eating Risk during Puberty in Males*; Culbert/Klump (Multi-Principal Investigators). \$215,591 (direct costs); 06/10/2024–12/31/2025 (NCE).

National Institutes of Mental Health (NIMH) – R01 MH118848: *A Twin Study of Androgen Effects on Binge Eating Risk during Puberty in Males*; Culbert/Klump (Multi-Principal Investigators). \$2,342,945 (direct costs); 02/15/2019–12/31/2025 (NCE).

National Institutes of Mental Health (NIMH) – R01 MH128196: *Hormonal Mechanisms of Perimenopausal Risk for Psychosis in Women*. Culbert/Klump/Thakkar (Multi-Principal Investigators). \$2,510,821 (direct costs); 02/01/2022-01/31/2027.

# **Pending Grants**

National Institutes of Mental Health (NIMH) – R01: *A Daily, Longitudinal Twin Study of Testosterone Effects on Binge Eating in Women*; Culbert/Klump (Multi-Principal Investigators). \$3,612,483 (total requested); 07/01/2025-06/30/2030.

National Institutes of Mental Health (NIMH) – R01: Gene x Ovarian Hormone Interactions in Perimenopausal Risk for Psychosis; Culbert/Klump/Thakkar/Clark (Multi-Principal Investigators). \$3,889,820 (total requested); 04/01/2025-03/31/2030.

National Institutes of Mental Health (NIMH) – R01: *Phenotypic and Genetic Effects of Endogenous Testosterone on Binge Eating in Women*; Culbert/Klump/Clark (Multi-Principal Investigators). \$3,884,415 (total requested); 04/01/2026-03/31/2031.

National Institutes on Alcohol Abuse and Alcoholism (NIAAA) – R01: Gene x Ovarian Hormone Effects on Perimenopausal Risk for Alcohol Use/Misuse in a Population-Based Sample; Culbert/Klump/Clark (Multi-Principal Investigators). \$3,854,808 (total requested); 04/01/2026-03/31/2031.

## **Previously Funded Grants and Contracts**

Global Foundation for Eating Disorders (GFED): *Midlife Risk for Binge Eating in Women: Quantifying Risk and Unraveling the Effects of Menopause and Ovarian Hormones*. Burt/Culbert/Klump/Sisk (Multi-Principal Investigators). \$60,691 (direct costs); 02/01/2022-01/31/2025 (NCE).

Global Foundation for Eating Disorders (GFED): *Ovarian Hormones and Risk for Binge Eating during Adolescence*. Culbert/Klump/Johnson/Sisk (Multi-Principal Investigator). \$33,288 (direct costs); 02/01/2022-01/31/2024.

National Institutes of General Medical Sciences (NIGMS)/University of Wyoming, IdeA Network for Biomedical Research Excellence (INBRE) Pilot Project Program – 2P20 GM103432: *Naturalistic and Experimental Tests of Bright Light Exposure on Binge Eating Frequency;* De Young (Principal Investigator), Culbert (Consultant). \$60,000 (direct costs); 07/01/2018-04/30/2020.

Hilda and Preston Davis Foundation/The Medical Foundation at Health Resources in Action (HRiA) Postdoctoral Fellowship in Eating Disorders Research, *Organizational Effects of Testosterone on Sex Differences and Developmental Changes in Risk for Binge Eating*, Michigan State University; Culbert (Principal Investigator), Klump (Mentor), Sisk (Co-Mentor). \$106,000 (direct costs); 07/01/2013-01/05/2015

Graduate Student Research Enhancement Award, Michigan State University; *Prenatal Testosterone and Sensitivity to Gonadal Hormone Effects on Risk for Disordered Eating*; Culbert (Principal Investigator), Klump (Mentor). \$1,500. March 2010.

Academy for Eating Disorders (AED) Student Research Grant, *Prenatal Testosterone and Risk for Disordered Eating during Puberty;* Culbert (Principal Investigator), Klump (Mentor). \$1,000. January 2009.

American Psychological Association (APA) Dissertation Research Award, *Prenatal Testosterone and Risk for Disordered Eating during Puberty;* Culbert (Principal Investigator), Klump (Mentor). \$1,000. November 2008.

American Psychological Foundation (APF) Council of Graduate Departments of Psychology: Clarence J. Rosecrans Scholarship, *Prenatal Testosterone and Risk for Disordered Eating during Puberty;* Culbert (Principal Investigator), Klump (Mentor). \$2,000. October 2008.

Blue Cross Blue Shield of Michigan Foundation Dissertation Research Award (1412.SAP), *Prenatal Testosterone and Risk for Disordered Eating during Puberty;* Culbert (Principal Investigator), Klump (Mentor). \$3,000. July 2008-2010.

NIMH Kirschstein National Research Service Award (NRSA), Pre-doctoral Individual Training Fellowship (F31MH084470), *Prenatal Testosterone and Risk for Disordered Eating during Puberty*, Michigan State University; Culbert (Principal Investigator), Klump (Sponsor), Breedlove (Co-Sponsor) \$63,253 (direct costs). August 2008-2010.

#### **PUBLICATIONS**

\* = author is an undergraduate or graduate student trainee under my mentorship.

## Peer-Reviewed Manuscripts:

- 1. **Culbert, K.M.**, Sisk, C.L., & Klump, K.L. (in press). Gonadal hormones and binge eating in females: developmental and etiologic insights from puberty to adulthood. *Current Opinion in Psychiatry*.
- 2. Klump, K.L., Thakkar, K.N., & Culbert, K.M. (2025). Pitfalls and strategies for measuring menopausal stage in eating disorder studies of women in midlife. *International Journal of Eating Disorders*, 58, 1008-1017.
- 3. Mikhail, M.E., Pascoe, L.A., Burt, S.A., Culbert, K.M., & Klump, K.L. (2025). Preliminary evidence that shared genetic influences underlie comorbidity between self-reported eating and internalizing disorders and gastrointestinal disease in adult women. *International Journal of Eating Disorders*, 58, 564-582.
- 4. Klump, K.L., Mikhail, M.E., Anaya, C., Keel, P.K., Culbert, K.M., Sisk, C.L. (2024). Daily estradiol and progesterone levels moderate genetic and environmental influences on emotional eating across 45 days in female twins. *Psychological Medicine*, *54*, 4438-4446.
- 5. Hildebrant, B.A., Mikhail, M.E., Gearhardt, A.N., Culbert, K.M., Burt, S.A., & Klump, K.L. (2024). *Appetite*, 201, 107601.
- 6. Pascoe, L.A., Mikhail, M.E., Burt, S.A, Culbert, K.M., & Klump, K.L. (2024). Shared genetic influences between eating disorders and gastrointestinal disease in a large, population-based sample of adult women and men. *Psychological Medicine*, *54*, 1184-1195.
- 7. Klump, K.L., Culbert, K.M., Johnson, A.W., Sisk, C.L. (2023). Ovarian hormones and binge eating in adulthood: summary of findings and implications for individual differences in risk in women. *Current Directions in Psychological Science*, 32, 471-478.
- 8. Rolan, E., Mikhail, M.E., Culbert, K.M., Burt, S.A., & Klump, K.L. (2023). Estrogen moderation of genetic influences on eating disorder symptoms during gonadarche in girls: specific effects on binge eating. *Psychoneuroendocrinology*, 158, 106384.
- 9. Mikhail, M.E., Ackerman, L.S., Anaya, C., Culbert, K.M., Burt, S.A., & Klump, K.L. (2023). Associations between household income and disordered eating differ across sex and racial identity in a population-based sample of adults. *International Journal of Eating Disorders*, 56, 132-142.
- 10. Hildebrandt, B.A., Lee, J., Culbert, K.M., Sisk, C.L., Johnson, A.W., Klump, K.L. (2023). The organizational role of ovarian hormones during puberty on risk for binge-like eating in rats. *Physiology & Behavior*, 265, 114177.

- 11. Mikhail, M.E., Ackerman, L.S., **Culbert, K.M.**, Burt, S.A., Neale, M.C., Keel, P.K., Katzman, D.K., & Klump, K.L. **(2023).** A cotwin control study of associations between financial hardship and binge eating phenotypes during COVID-19. *International Journal of Eating Disorders*, *56*, 132-142.
- 12. Mikhail, M.E., Carroll, S.L., Clark, D.A., O'Connor, S.M., Culbert, K.M., Burt, S.A., & Klump, K.L. (2023). Disadvantage and disordered eating in boys: Examining phenotypic and genotype x environment associations across development. *Journal of Psychopathology and Clinical Science*, 132, 51-62.
- 13. Anaya, C., Culbert, K.M., & Klump, K.L. (2022). Binge eating risk during midlife and the menopause transition: Sensitivity to ovarian hormones as potential mechanisms of risk. *Current Psychiatry Reports*, 25, 45-52.
- 14. \*Sahlan, R.N., Akoury, L.M., Habashy, J., Culbert, K.M., & Warren, C.S. (2022). Sociocultural correlates of eating pathology in college women from US and Iran: a cross-cultural comparison. *Frontiers in Psychology*, 966810.
- 15. Culbert, K.M., \*Milá Roa, A., \*Stevens, K., Sisk, C.L., Burt, S.A., & Klump, K.L. (2022). Pubertal emergence of testosterone effects on depressive symptoms in boys. *Journal of Child Psychology and Psychiatry Advances*, 2, e12088.
- 16. Culbert, K.M., Thakkar, K.N., & Klump, K.L. (2022). Risk for midlife psychosis in women: critical gaps and opportunities in exploring perimenopause and ovarian hormones as mechanisms of risk. *Psychological Medicine*, 52, 1612-1620.
- 17. \*Shope, M.M., Freeman, A.J., Culbert, K.M. (2022). Elucidating early pubertal timing effects on disordered eating symptoms in young adult women. *Eating Behaviors*, 45, 101602.
- 18. Mikhail, M. E., Anaya, C., **Culbert, K.M.**, Sisk, C.L., Johnson, A., & Klump, K.L. **(2021).** Gonadal hormone influences on sex differences in binge eating across development. *Current Psychiatry Reports*, *23*, 1-10.
- 19. Vo, P.T., Fowler, N., Rolan, E.P., Culbert, K.M., Racine, S.E., Burt, S.A., & Klump, K.L. (2021). The effects of puberty on associations between mood/personality factors and disordered eating symptoms in girls. *International Journal of Eating Disorders*, 54, 1619-1631.
- 20. Klump, K.L., Kashy, D.A., Culbert, K.M., Sinclair, E.B., Hildebrandt, B.A., Van Huysee, J.L., O'Connor, S.M., Fowler, N., Johnson, A., & Sisk, C.L. (2021). The effects of puberty and ovarian hormone removal on developmental trajectories of palatable food and chow intake in female rats. *Physiology & Behavior*, 235, 113394.
- 21. Culbert, K.M., Sisk, C.L., & Klump, K.L. (2021). A narrative review of sex differences in eating disorders: is there a biological basis? *Clinical Therapeutics*, 43, 95-111.
- 22. Heard Egbert, A., Smith, K., Haedt-Matt, A., Culbert, K.M., Engel, S. & Goldschmidt, A. (2020). Momentary associations between positive affect dimensions and dysregulated eating during puberty in youth with overweight/obesity. *International Journal of Eating Disorders*, 53, 1667-1677.
  - Manuscript was awarded "Best Original Report Published in the IJED in 2020 by an Early Career Scholar"
- 23. \*Diaz, F., \*Shope, M.M., & Culbert, K.M. (2020). An examination of pubertal timing effects on drive for muscularity in men. *Psychology of Men & Masculinities*, 21, 655-664.

- 24. Culbert, K.M., \*Shope, M.M., Sisk, C.L., & Klump, K.L. (2020). Low testosterone is associated with dysregulated eating symptoms in young adult men. *International Journal of Eating Disorders*, *53*, 1469-1479.
- 25. Klump, K.L., Sinclair, E.B., Hildebrandt, B.A., Kashy, D.A., O'Connor, S., Mikhail, M.E., Culbert, K.M., Johnson, A., & Sisk, C.L. (2020). The disruptive effects of estrogen removal before puberty on risk for binge eating in female rats. *Clinical Psychological Science*, *8*, 839-856.
- 26. \*Shope, M.M., \*Prows, S., Racine, S.E., & Culbert, K.M. (2020). Examining associations between emotion-based rash action and dysregulated eating symptoms in men and women. *Eating Behaviors*, 37, 10137.
- 27. O'Connor, S.M., Culbert, K.M., Mayhall, L.A., Burt, S.A., & Klump, K.L. (2020). Differences in genetic and environmental influences on body weight and shape concerns across pubertal development in females. *Journal of Psychiatric Research*, 121, 39-46.
- 28. Ma, R., Mikhail, M.E., Culbert, K.M., Johnson, A.W., Sisk, C.L., & Klump, K.L. (2020). Ovarian hormones and reward processes in binge eating: a review. *Physiology*, *35*, 69-78.
- 29. Mikhail, M.E., Culbert, K.M., Sisk, C.L., & Klump, K.L. (2019). Gonadal hormone contributions to individual differences in eating disorder risk. *Current Opinion in Psychiatry*, *32*, 484-490.
- 30. Ma, R., Mikhail, M.E., Fowler, N., Culbert, K.M., & Klump, K.L. (2019). The role of puberty and ovarian hormones in the genetic diathesis of eating disorders in females. *Child and Adolescent Psychiatric Clinics of North America*, 28, 617-628.
- 31. \*Akoury, L.M., Warren, C.S., & Culbert, K.M. (2019). Disordered eating in Asian American women: sociocultural and culture-specific predictors. *Frontiers in Psychology*, 10, 1950.
- 32. \*Habashy, J. & Culbert, K.M. (2019). The role of distinct facets of perfectionism and sociocultural idealization of thinness on disordered eating symptoms. *Journal of Social and Clinical Psychology*, 38, 343-365.
- 33. Klump, K.L., Fowler, N., Mayhall, L., Sisk, C.L., Culbert, K.M., & Burt, S.A. (2018). Estradiol moderation of genetic influences on binge eating during puberty: a disruption of normative processes? *Journal of Abnormal Psychology*, 127, 458-470.
- 34. Culbert, K.M., Sisk, C.L., & Klump, K.L. (2018). Sex steroid hormones and differential risk for eating pathology: a review of genetic and phenotypic effects across development. *Current Opinion in Behavioral Sciences*, 23, 124-130.
- 35. Culbert, K.M., Sinclair, E., Hildebrandt, B., Klump, K.L. & Sisk, C.L. (2018). Perinatal testosterone contributes to mid-to-post pubertal sex differences in risk for binge eating in male and female rats. *Journal of Abnormal Psychology*, 127, 239-250.
- 36. **Culbert, K.M.**, Burt, S.A., & Klump, K.L. **(2017)**. Expanding the developmental boundaries of etiologic effects: the role of adrenarche in genetic influences on disordered eating in males. Special Section:

  <u>Outstanding Young Investigator Contributions to the Study of Eating Disorders</u>, *Journal of Abnormal Psychology*, *126*, 593-606.
- 37. Klump, K.L. Culbert, K.M., O'Connor, S., Fowler, N., & Burt, S.A. (2017). The significant effects of puberty on the genetic diathesis of binge eating in girls. *International Journal of Eating Disorders*, 50, 984-989.

- 38. Sinclair, E.B., Hildebrandt, B.A., Culbert, K.M., Klump, K.L., & Sisk, C.L. (2017). Preliminary evidence of sex differences in behavioral and neural responses to palatable food reward in rats. *Physiology and Behavior*, 176, 165-173.
- 39. Lavender, J.M., Goodman, E.L., **Culbert, K.M.**, Wonderlich, S.A., Crosby, R.D., Engel, S.G., Mitchell, J.E., Le Grange, D., Crow, S.J., & Peterson, C.B. (2017). Facets of impulsivity and compulsivity in women with anorexia nervosa. *European Eating Disorders Review*, 25, 309-313.
- 40. Klump, K.L., Culbert, K.M., & Sisk, C.L. (2017). Sex differences in binge eating: gonadal hormone effects across development. *Annual Review of Clinical Psychology*, 13, 183-207.
- 41. Culbert, K.M., Racine, S.E., & Klump, K.L. (2016). Hormonal factors and disturbances in eating disorders. *Current Psychiatry Reports*, 18, 1-16.
- 42. Culbert, K.M., Lavender, J., Crosby, R., Wonderlich, S., Engel, S., Peterson, C., Mitchell, J., Crow, S., Le Grange, D., Cao, L., & Fischer, S. (2016). Associations between negative affect and binge/purge behaviors in women with anorexia nervosa: considering the role of negative urgency. *Comprehensive Psychiatry*, 66, 104-112.
- 43. Sinclair, E., Culbert, K.M., Gradl, D., Richardson, K., Klump, K.L., & Sisk, C.L. (2015). Differential mesocorticolimbic responses to palatable food in binge eating prone and binge eating resistant female rats. *Physiology & Behavior*, 152, 249-256.
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- 46. Keenan, K., Culbert, K.M., Grimm, K., Hipwell, A., & Stepp, S. (2014). Timing and tempo: exploring the complex association between pubertal development and depression in African American and European American girls. *Journal of Abnormal Psychology*, 123, 725-736.
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- 48. Racine, S.E., Culbert, K.M., Burt, S.A., & Klump, K.L. (2014). Advanced paternal age at birth: phenotypic and etiologic associations with eating pathology in offspring. *Psychological Medicine*, 44, 1029-1041.
- 49. Munn-Chernoff, M.A., von Ranson, K.M., Culbert, K.M., Larson, C.L., Burt, S.A., Klump, K.L. (2013). An examination of the representativeness assumption for twin studies of eating pathology and internalizing symptoms. *Behavior Genetics*, 43, 427-435.
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- 51. Racine, S.E., Culbert, K.M., Keel, P.K., Sisk, C.L., Burt, S.A., & Klump, K.L. (2012). Differential associations between ovarian hormones and disordered eating symptoms across the menstrual cycle in women. *International Journal of Eating Disorders*, 45, 333-344.
- 52. Klump, K.L., Culbert, K.M., Slane, J.D., Burt, S.A., Sisk, C.L., Nigg, J.T. (2012). The effects of puberty on genetic risk for disordered eating: evidence for a sex difference. *Psychological Medicine*, 42, 627-637.

- 53. Klump, K.L., Suisman, J.L., Culbert, K.M., Kashy, D.A., & Sisk, C.L. (2011). Binge eating proneness emerges during puberty in female rats: a longitudinal study. *Journal of Abnormal Psychology*, 120, 948-955.
- 54. Klump, K.L., Suisman, J.L., Culbert, K.M., Kashy, D.A., Keel, P.K., & Sisk, C.L. (2011). The effects of ovariectomy on binge eating proneness in adult female rats. *Hormones and Behavior*, 59, 585-593.
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- 56. Racine, S.E., Culbert, K.M., Larson, C.L., & Klump, K.L. (2009). The possible influence of impulsivity and dietary restraint on associations between serotonin genes and binge eating. *Journal of Psychiatric Research*, 43, 1278-1286.
- 57. Klump, K.L., Keel, P.K., Culbert, K.M., & Edler, C.E. (2008). Ovarian hormones and binge eating: exploring associations in community samples. *Psychological Medicine*, *38*, 1749-1757.
- 58. Culbert, K.M., Breedlove, S.M., Burt, S.A., & Klump, K.L. (2008). Prenatal hormone exposure and risk for eating disorders: a comparison of opposite sex and same sex twins. *Archives of General Psychiatry*, 65, 329-336.
- 59. Zehr, J.L., Culbert, K.M., Sisk, C.L., & Klump, K.L. (2007). An association of early puberty with disordered eating and anxiety in a population of undergraduate women and men. *Hormones and Behavior*, 52, 427-435.
- 60. Klump, K.L., & Culbert, K.M. (2007). Molecular genetic studies of eating disorders: current status and future directions. *Current Directions in Psychological Science*, 16, 37-41.
- 61. Culbert, K.M. & Klump, K.L. (2005). Impulsivity as an underlying factor in the relationship between disordered eating and sexual behavior. *International Journal of Eating Disorders*, 38, 361-366.

## **Book Chapters:**

- 1. Klump, K.L. & Culbert, K.M. (in press). Women's reproductive health must be a priority in eating disorders research to move the field forward. In R. Weissman & K. Pike (Eds.), *Big Ideas in Eating Disorders: Boldy Envisioning the Future of Research & Practice in the Field.* American Psychological Association.
- 2. Mikhail, M.E., Anaya, C. Culbert, K.M., Sisk, C.L., Johnson, A., & Klump, K.L. (2024). Pubertal development and the development of dysregulated eating. In A. Gearhardt (Ed.), Food and Addiction: Food and Addiction: A Comprehensive Handbook, 2nd Edition.
- 3. \*Stevens, K., Anaya, C., **Culbert, K.M. (2023).** Gonadal hormone effects on mental disorders across development. *Encyclopedia of Mental Health (3<sup>rd</sup> Edition), Reference Module in Neuroscience and Biobehavioral Psychology.* Elsevier.
- 4. **Culbert, K.M.**, Anderson, K., Bowers, W., & Le Grange, D. **(2018)**. Treatment of eating disorders. In P.C. Kendall & K. Moore (Eds.), *Cognitive therapy with children and adolescents: A casebook for clinical practice*, 3<sup>rd</sup> Edition (pp. 221-272). New York, NY: Guilford Press.
- 5. Culbert, K.M., Racine, S.E., & Klump, K.L. (2016). Biological underpinnings of sex differences in eating disorders. In R.M. Shansky (Ed.), *Sex Differences in the Central Nervous System* (pp. 171-195). San Diego, CA: Elsevier
- 6. Racine, S.E., Culbert, K.M., Burt, S.A., & Klump, K.L. (2011). The Michigan State University Twin Registry (MSUTR): neurobiological influences on food and diet related behaviour. In V.R. Preedy,

- R.R. Watson, & C.R. Martin (Eds.), *International Handbook of Behavior, Food, and Nutrition* (pp. 33-43). New York: Springer.
- 7. **Culbert, K.M**, Racine, S.E., & Klump, K.L. **(2011)**. Influence of gender and puberty on the heritability of disordered eating. In R.A.H. Adan and W.H. Kaye (Eds.), *Behavioral Neurobiology of Eating Disorders, Current Topics in Behavioral Neurosciences* (pp.177-185). New York, NY: Springer-Verlag.
- 8. Culbert, K.M., Slane, J.D., & Klump, K.L. (2008). Genetics of eating disorders. In S. Wonderlich, J. Mitchell, M. de Zwann, & H. Steiger (Eds.), *Eating Disorders Review: Part 3* (pp. 27-42). Oxford, UK: Radcliffe Publishing Ltd.
- 9. Culbert, K.M. & Klump, K.L. (2008). Should eating disorders be included in the OCD spectrum? In J. Abramowitz, S. Taylor, & D. McKay (Eds.), *Obsessive-Compulsive Disorder: Subtypes and Spectrum Conditions* (pp. 230-245). New York, NY: Elsevier Ltd.

#### **PRESENTATIONS**

\* = author is an undergraduate or graduate student trainee under my mentorship.

## **Invited Lectures/Presentations**

LOCAL/REGIONAL

- 1. Culbert, K.M. (May 2011). Eating Disorders: Developmental Implications for Etiology, Diagnosis, and Treatment. Grand Rounds, Department of Psychiatry and Behavioral Neuroscience, The University of Chicago, Chicago, Illinois.
- 2. Culbert, K.M. (March 2015). Illuminating Sex Differences and Developmental Changes in Risk for Eating Disorders: the Role of Gonadal Hormones. Graduate Students in Clinical Psychology Community Lecture Series, University of Nevada Las Vegas, Las Vegas, Nevada.

#### NATIONAL/INTERNATIONAL

- 1. **Culbert, K.M.** (June 2022). Gonadal Hormones and Developmental Risk for Eating Pathology. Invited Plenary Speaker for the session entitled, Puberty to Postpartum: Reciprocal Relations between Eating Disorders and the Reproductive System, at the Virtual 2022 International Conference on Eating Disorders (ICED).
- 2. **Culbert, K.M.** (May 2016). Developmental changes in risk for disordered eating during puberty: a role for gonadal hormones? Invited presentation for the *Eating Disorders and Related Traits during Adolescence* panel, sponsored by the *Genes and Environment* and *Child/Adolescent and Neuropsychology* Special Interest Groups, at the International Conference on Eating Disorders (ICED), San Francisco, California.
- 3. Culbert, K.M. (June 2011 & 2012). National Youth Leadership Foundation Forum on Medicine, *Healthcare in the 21st Century Seminar*, University of Illinois at Chicago, Chicago, Illinois.

## **Podium Presentations (refereed)**

- 1. Culbert, K.M., Di Dio, A., Clark, D.A., Burt, S.A., & Klump, K.L. (September 2025). Unraveling disordered eating in males: differences in genetic influences on binge eating, body dissatisfaction, and weight preoccupation during puberty. Poster to be presented for the Eating Disorders Research Society annual meeting, Newport Beach, CA.
- 2. Klump, K.L., Di Dio, A.M., Anaya, C., Mikhail, M.E., Keel, P.K., Sisk, C.L., Neale, M.C., Katzman, D.K., Ackerman, L.S., Burt, S.A., & Culbert, K.M. (September 2025). The effects of self-monitoring on binge

- eating in oral contraceptive users: Potential Clinical Translations and Applications. Paper to be presented for the Eating Disorders Research Society annual meeting, Newport Beach, CA.
- 3. Culbert, K.M., Di Dio, A., Clark, D.A., Burt, S.A., & Klump, K.L. (June 2025). Unraveling disordered eating in males: differences in genetic influences on binge eating, body dissatisfaction, and weight preoccupation during puberty. Paper presented in the symposium, *Puberty and Risk for Psychopathology: Insights from Genetically-Informed Designs*, at the Behavior Genetics Association annual meeting, Atlanta, Georgia.
- 4. Di Dio, A.M., Clark, D.A., Burt, S.A., Culbert, K.M., & Klump, K.L. (June 2025). Subjective pubertal timing differentially moderates genetic influences on subtypes of antisocial behavior in girls. Paper presented in the symposium, *Puberty and Risk for Psychopathology: Insights from Genetically Informed Designs*, at the Behavior Genetics Association annual meeting, Atlanta, Georgia.
- 5. Klump, K.L., Di Dio, A.M., Culbert, K.M., Burt, S.A., Keel, P.K., Neale, M.C., Katzman, D.K., & Sisk, C.L. (June 2025). Exogenous ovarian hormone exposure in female twins: Exploring genetic and environmental influences on binge eating risk. Paper presented at the Behavior Genetics Association annual meeting, Atlanta, GA.
- 6. Klump, K.L., Mikhail, M.E., Anaya, C., Culbert, K.M., Keel, P.K., Sisk, C.L., Neale, M.C., Katzman, D.K., Ackerman, L.S., Di Dio, A.M., & Burt, S.A. (September 2024). The effects of exogenous ovarian hormones on binge eating risk in women: A daily study across 49 days. Paper presented at the Eating Disorders Research Society annual meeting, Sitges, Spain. *Top rated abstract*.
- 7. Thakkar, K.N., Mikhail, M.E., Burt, S.A., Neal, M.C., Keel, P.K., Boker, S., Culbert, K.M., Klump, K.L. (May 2023). Progesterone moderates the relationship between schizotypal traits and negative affect in young women. Paper presented at the Schizophrenia International Research Society annual meeting, Toronto, Canada.
- 8. Mikhail, M. E., Carroll, S. L., Clark, D. A., O'Connor, S. M., Culbert, K. M., Burt, S. A, & Klump, K. L. (September 2022). Neighborhood and familial disadvantage are associated with earlier genetic influences and increased disordered eating in boys. Paper presented at the Eating Disorders Research Society annual meeting, Philadelphia, PA.
- 9. Klump, K.L., Culbert, K.M., Johnson, A., & Sisk, C.L. (September 2021). Ovarian hormone programming of neural reward systems during puberty and their mechanistic links to binge eating. Symposium presentation at the Eating Disorders Research Society annual meeting, Virtual Meeting.
- 10. \*Shope, M., Culbert, K.M., Rolan, E.P., Burt, S.A., & Klump, K.L. (June 2021). Clarifying earlier pubertal timing effects on binge eating symptoms in adolescent girls. Paper presented at the International Conference on Eating Disorders (ICED) annual meeting, Virtual Meeting.
- 11. O'Connor, S.M., **Culbert, K. M.**, Mayhall, L.A., Burt, S. A., & Klump, K. L. **(June 2020)**. Exploring puberty as a moderator of genetic and environmental influences on body weight and shape concerns in females. Paper presented at the Behavior Genetics Association annual meeting, Virtual Meeting. *Rescheduled as a virtual conference due to COVID-19*
- 12. **Culbert, K.M.**, \*Shope, M.M., \*Stevens, K.S. **(September 2019).** The interactive effects of low testosterone and prolonged stress on binge eating symptoms in men. Paper presented at the Eating Disorder Research Society (EDRS) meeting, Chicago, Illinois.

- 13. O'Connor, S., Culbert, K.M., Mayhall, L.A., Burt, S.A., & Klump, K.L. (September 2019). Differences in genetic and environmental influences on body dissatisfaction and weight preoccupation across pubertal development in females. Paper presented in the "Top Abstracts" session at the Eating Disorders Research Society (EDRS) meeting, Chicago, Illinois.
- 14. **Culbert, K.M.**, Sisk, C.L., & Klump, K.L. (March 2019). Preliminary evidence that low testosterone is associated with binge eating symptoms in young adult men. Paper presented at the International Conference on Eating Disorders (ICED), New York, New York.
- 15. Klump, K.L., Sinclair, E.B., Hildebrandt, B.A., Kashy, D.A., Culbert, K.M., Johnson, A., & Sisk, C.L. (March 2019). The disruptive effects of estrogen removal during adolescence on risk for binge eating in female rats. Paper presented at the International Conference on Eating Disorders (ICED), New York, New York.
- 16. **Culbert, K.M.**, Hildebrandt, B.A., LeMon, J., Sinclair, E.B., Sisk, C.L., & Klump, K.L. (**April 2018**). Sex differences in binge eating and neural reactivity to palatable food: a role for perinatal testosterone and consumption of palatable food in adolescence? Paper presented at the International Conference on Eating Disorders (ICED), Chicago, Illinois.
- 17. Klump, K.L., Fowler, N. Mayhall, L., Sisk, C.L., Culbert, K.M., & Burt, S.A. (April 2018). Estradiol moderation of genetic influences on binge eating during puberty: a disruption of normative processes? Paper presented at the International Conference on Eating Disorders (ICED), Chicago, Illinois.
- 18. \*Shope, M.M., & Culbert, K.M. (April 2018). Elucidating the lasting influence of early pubertal timing on eating pathology: evidence for specific effects on binge eating symptoms. Paper presented at the International Conference on Eating Disorders (ICED), Chicago, Illinois.
- 19. Culbert, K.M., Hildebrandt, B.A., Sinclair, E.B., LeMon, J., Sisk, C.L., & Klump, K.L. (April 2017). Organizational effects of testosterone on reward circuitry and sex differences in risk for binge eating. Paper presented at the Western Psychological Association (WPA) meeting, Sacramento, California.
- 20. \*Shope, M.M., & Culbert, K.M. (April 2017). Examining the lasting influence of early pubertal maturation on eating pathology in adult females: evidence of biological and psychosocial effects. Paper presented at the Western Psychological Association (WPA) meeting, Sacramento, California.
- 21. Culbert, K.M., Sinclair, E.B., Hildebrandt, B.A., Burt, S.A., Sisk, C.L., & Klump, K.L. (May 2016). Perinatal testosterone exposure contributes to sex differences in risk for binge eating after pubertal onset: evidence from animal and human paradigms. Paper presented at the International Conference on Eating Disorders (ICED), San Francisco, California.
- 22. Culbert, K.M., Sinclair, E.B., Hildebrandt, B.A., Burt, S.A., Sisk, C.L., & Klump, K.L. (March 2016). Perinatal testosterone exposure contributes to sex differences in risk for binge eating after pubertal onset: evidence from animal and human paradigms. Paper presented in the symposium, *Gender and Psychopathology in Adolescence*, at the Society for Research on Adolescence (SRA) meeting, Baltimore, Maryland.
- 23. Culbert, K.M., Klump, K.L., Accurso, E.C., Keel, P.K., Sisk, C.L., Neal, M.C., Boker, S.M., Burt, S.A., & Le Grange, D. (March 2014). Puberty matters: maturational status and timing predict eating disorder risk. Paper presented at the International Conference on Eating Disorders (ICED), New York, New York.
- 24. Hildebrandt, B., Culbert, K.M., Larson, C., & Klump, K.L. (March 2014). Sensitivity to reward and emotional eating: moderation by dopamine transporter (DAT1) genotype. Paper presented at the International Conference on Eating Disorders (ICED), New York, New York.

- 25. Culbert, K.M., Burt, S.A., Sisk, C.L., Nigg, J.T., & Klump, K.L. (March 2014). The effects of puberty and circulating testosterone on risk for disordered eating in adolescent males. Paper presented in the symposium, *Illuminating Sex Differences in Adolescent Psychopathology: The Role of Pubertal Development and Gonadal Hormones*, at the Society for Research on Adolescence (SRA) meeting, Austin, Texas.
- 26. Klump, K.L., Suisman, J.L., Culbert, K.M., Burt, S.A., Keel, P.K., Kashy, D., & Sisk, C.L. (September 2012). Using human and animal models to elucidate neurobiological pathways in binge eating risk. Paper presented at the Society for Research in Psychopathology (SRP) meeting, Ann Arbor, Michigan.
- 27. Culbert, K.M., Burt, S.A., Sisk, C.L., Nigg, J.T., & Klump, K.L. (May 2012). The effects of puberty and circulating testosterone on differential risk for disordered eating in adolescent males. Paper presented at the International Conference on Eating Disorders (ICED), Austin, Texas.
- 28. Culbert, K.M., Breedlove, S.M., Nigg, J.T., Sisk, C.L., Burt, S.A., & Klump, K.L. (September 2011). Prenatal testosterone exposure and risk for disordered eating during puberty: altered sensitivity to circulating hormones? Paper presented at the Eating Disorders Research Society (EDRS) meeting, Edinburgh, Scotland.
- 29. Racine, S.E., Culbert, K.M., Burt, S.A., & Klump, K.L. (September 2011). Advanced paternal age and disordered eating symptoms: a potential marker for biological risk. Paper presented at the Eating Disorders Research Society (EDRS) meeting, Edinburgh, Scotland.
- 30. Klump, K.L., Culbert, K.M., Slane, J.D., Sisk, C.L., Burt, S.A., & Nigg, J.T. (June 2011). The effects of puberty on genetic risk for disordered eating: evidence for a sex difference. Paper presented at the Behavior Genetics Association (BGA) meeting, Newport, Rhode Island.
- 31. Klump, K.L., Suisman, J.L., Culbert, K.M., Kashy, D.A., & Sisk, C.L. (April 2011). Binge eating proneness emerges during puberty in female rats: a longitudinal study. Paper presented at the International Conference on Eating Disorders (ICED), Miami, Florida.
- 32. Culbert, K.M., Breedlove, S.M., Nigg, J.T., Sisk, C.L., Burt, S.A., & Klump, K.L. (October 2010). Prenatal testosterone exposure and developmental differences in risk for disordered eating. Paper presented at the Eating Disorders Research Society (EDRS) meeting, Cambridge, Massachusetts.
- 33. Klump, K.L., Culbert, K.M., Slane, J.D., Sisk, C.L., Burt, S.A., & Nigg, J.T. (October 2010). The effects of puberty on genetic risk for disordered eating: evidence for a sex difference. Paper presented at the Eating Disorders Research Society (EDRS) meeting, Cambridge, Massachusetts.
- 34. Culbert, K.M., Racine, S.E., Burt, S.A., & Klump, K.L. (June 2009). Parental expectations as a moderator of genetic and environmental influences on disordered eating. Paper presented at the Behavior Genetics Association (BGA) meeting, Minneapolis, Minnesota.
- 35. Racine, S.E., **Culbert, K.M.**, Larson, C.L., & Klump, K.L. (**May 2009**). Dietary restraint: factor structure, relation to disordered eating, and genetic etiology. Paper accepted for the International Conference on Eating Disorders (ICED), Cancun, Mexico. <u>Note</u>: This presentation was not delivered due to cancellation of the conference.
- 36. Klump, K.L., Keel, P.K., Culbert, K.M., Edler, C.E., & Burt, S.A. (June 2008). Phenotypic and genetic associations between binge eating and ovarian hormones. Paper presented at the Behavior Genetics Association (BGA) meeting, Louisville, Kentucky.

- 37. Culbert, K.M., Larson, C.L., & Klump, K.L. (May 2008). Genetic risk for disordered eating: interactions between 5-HT2a receptor and estrogen receptor beta genes. Paper presented at the International Conference on Eating Disorders (ICED) in Seattle, Washington.
- 38. Racine, S. E., Culbert, K.M., Larson, C.L., & Klump, K.L. (May 2008). Relationships between dietary restraint and disordered eating: moderation by genotype? Paper presented at the International Conference on Eating Disorders (ICED) in Seattle, Washington.
- 39. Culbert, K.M., Breedlove, S.M., & Klump, K.L. (May 2007). Prenatal testosterone exposure and risk for eating disorders: a comparison of opposite sex and same sex twins. Paper presented at the International Conference on Eating Disorders (ICED) in Baltimore, Maryland.
- 40. Culbert, K.M., Edler, C.E., Keel, P.K., & Klump, K.L. (June 2006). Fluctuations in binge eating and estradiol levels over the course of the menstrual cycle in a community sample of women. Paper presented at the International Conference on Eating Disorders (ICED), Barcelona, Spain.
- 41. Slane, J.D., Culbert, K.M., & Klump, K.L. (June 2006). Externalizing factors as predictors of eating pathology in males. Paper presented at the International Conference on Eating Disorders (ICED), Barcelona, Spain.
- 42. Culbert, K.M. & Klump, K.L. (April 2004). Impulsivity as an underlying factor in the relationship between bulimic and sexual behavior. Paper presented at the International Conference on Eating Disorders (ICED), Orlando, Florida.

# **Poster Presentations (refereed)**

- 1. Etuk, R., Habashy, J., Stevens, K., Culbert, K.M., & Kraus, S. (September 2021). Body dissatisfaction mediates the relationship between problematic pornography use and disordered eating behavior in men and women. Poster presented at the Eating Disorder Research Society (EDRS) annual meeting, Virtual Meeting.
- 2. \*Shope, M. & Culbert, K.M. (June 2021). Cognitive rigidity predicts pathological eating behavior in non-clinical samples of women: evidence for effects with self-report and neuropsychological measures. Selected to be presented in the "*Best Poster Category*" at the International Conference on Eating Disorders (ICED) annual meeting, Virtual Meeting.
- 3. \*Shope, M., \*Diaz, F., & Culbert, K.M (October 2020). Internalization of the muscular ideal as an explanatory factor in the relationship between later pubertal maturation and drive for muscularity in men. Poster presented at the Eating Disorder Research Society (EDRS) annual meeting, Virtual Meeting. *Rescheduled as a virtual conference due to COVID-19*
- 4. \*Stevens, K., Freeman, A., & Culbert, K.M. The cost of staying safe: the impact of COVID-19 social distancing on loneliness and binge eating (October 2020). Poster presented at the Eating Disorder Research Society (EDRS) annual meeting, Virtual Meeting. *Rescheduled as a virtual conference due to COVID-19*
- 5. \*Habashy, J., Sahlan, R.N., Akoury, L.M., Culbert, K.M., & Warren, C.S. (October 2020). Sociocultural predictors of disordered eating in college women from US and Iran: a cross-cultural comparison. Poster presented at the Western Psychological Association (WPA) Conference, Virtual Meeting. *Rescheduled as a virtual conference due to COVID-19*
- 6. Borra, G., Chaundry, S., DeWitt, S., Mikhail, M., Culbert, K.M., Burt, S.A., & Klump, K.L. (September 2019). Effects of prenatal testosterone on impulsivity and dysregulated eating in adolescent girls. Poster presented at the Society for Research in Psychopathology (SRP) meeting, Buffalo, New York.

- 7. Heard Egbert, A., Smith, K., Haedt-Matt, A., Culbert, K.M., Engel, S. & Goldschmidt, A. (September 2019). Associations between positive affect and dysregulated eating in youth with overweight/obesity: an ecological momentary assessment study. Poster presented at the Eating Disorders Research Society (EDRS) meeting, Chicago, Illinois.
- 8. Klump, K.L., Van Huysse, J., Kashy, D., Mikhail, M.E., Culbert, K.M., Johnson, A., Sisk, C.L. (September 2019). Stability of binge eating prone phenotypes with adult ovariectomy in female rats. Poster presented at the Eating Disorders Research Society (EDRS) meeting, Chicago, Illinois.
- 9. \*Akoury, L.M., Warren, C.S., Culbert, K.M. (September 2019). Idealization of the Eurocentric ideal in Asian American women: psychometric properties of the Eurocentric ideal internalization and pressures scale (EDIPS). Poster presented at the Eating Disorders Research Society (EDRS) meeting, Chicago, Illinois.
- 10. \*Shope, M.M., & Culbert, K.M. (September 2019). Early pubertal timing and risk for disordered eating in young adult women: testing the role of the leading theorized factors. Poster presented at the Eating Disorders Research Society (EDRS) meeting, Chicago, Illinois.
- 11. \*Milá Roa, A., \*Stevens, K., Klump, K.L., Burt, S.A., & Culbert, K.M. (August 2019). Testosterone influences the pubertal emergence of depressive symptoms in adolescent boys. Poster presented at the American Psychological Association meeting in Chicago, Illinois.
- 12. \*Diaz, F.D., \*Shope, M.M., & Culbert, K.M. (March 2019). Later pubertal timing is predictive of drive for muscularity in men. Poster presented at the International Conference on Eating Disorders (ICED), New York, New York.
- 13. \*Habashy, J. & Culbert, K.M. (March 2019). An examination of negative attitudes towards obesity and thin-ideal internalization as underlying factors that influence ethnic differences in body dissatisfaction. Poster presented at the International Conference on Eating Disorders (ICED), New York, New York.
- 14. \*Prows, S.P., Racine, S.E., Culbert, K.M. (March 2019). Examining the interactive role of reward sensitivity and negative urgency on individual differences in binge eating symptoms. Poster presented at to the International Conference on Eating Disorders (ICED), New York, New York.
- 15. \*Shope, M.M. & Culbert, K.M. (March 2019). An exploration of associations between cognitive inflexibility and disordered eating symptoms. Poster presented at the International Conference on Eating Disorders (ICED), New York, New York.
- 16. \*Stevens, K.S., & Culbert, K.M. (March 2019). Reexamining stress and eating: the predictive effects of prolonged stress on binge eating. Poster presented at the International Conference on Eating Disorders (ICED), New York, New York.
- 17. Culbert, K.M., & Stevens, K.S., & Shope, M.M. (October 2018). Taste less, eat more: blunted sensitivity to sweet taste is associated with binge eating in women. Poster presented at the Eating Disorder Research Society (EDRS) meeting, Sydney, Australia.
- 18. \*Vazquez, R. & Culbert, K.M. (May 2018). Insula activation and what it may tell us about food motivation in anorexia nervosa: a systematic literature review. Poster presented at the Annual McNair Conference, Seattle, WA.
- 19. \*Corral, A., \*Habashy, J. \*Shope, M.M., & Culbert, K.M. (April 2018). Examining associations between collectivism, caregiver eating messages, and binge eating symptoms in Hispanic/Latina women. Poster presented at the Western Psychological Association (WPA) meeting, Portland, Oregon.

- 20. \*Habashy, J. & Culbert, K.M. (April 2018). An investigation of the intersection between perfectionism and sociocultural idealization of thinness on disordered eating symptoms. Poster presented at the International Conference on Eating Disorders (ICED), Chicago, Illinois.
- 21. \*Stevens, K., \*Shope, M.M., & Culbert, K.M. (April 2018). Exploring the relationship between reward sensitivity and disordered eating symptoms. Poster presented at the International Conference on Eating Disorders (ICED), Chicago, Illinois.
- 22. Mayhall, L.A., O'Connor, S.M., Culbert, K.M., Burt, S.A., & Klump, K.L. (June 2017). Increased heritability of disordered eating across puberty: A replication in a developmentally diverse sample. Poster presented at the 2017 Behavioral Genetics Association Annual Meeting, Oslo, Norway.
- 23. \*Habashy, J. & Culbert, K.M. (April 2017). The interactive effects of perfectionism and sociocultural idealization of thinness on disordered eating symptoms. Poster presented at the Western Regional Honors Council (WRHC) conference, Ashland, OR. *Received overall 1st place award*.
- 24. \*Habashy, J. & Culbert, K.M. (April 2017). The interactive effects of perfectionism and sociocultural idealization of thinness on disordered eating symptoms. Poster presented at the Western Psychological Association (WPA) meeting, Sacramento, California.
- 25. \*Prows, S.D., Racine, S.E., & Culbert, K.M. (April 2017). Exploring the interactive role of reward sensitivity and negative urgency on individual differences in binge eating symptoms. Poster presented at the Western Psychological Association (WPA) meeting, Sacramento, California.
- 26. \*Prows, S.D., \*Shope, M.M., Racine, S.E., & Culbert, K.M. (April 2017). Examining the predictive effects of impulsivity on core features of binge eating: additional evidence for the unique role of negative urgency. Poster presented at the Western Psychological Association (WPA) meeting, Sacramento, California.
- 27. Culbert, K.M., Burt, S.A., & Klump, K.L. (October 2016). Expanding the developmental boundaries of etiologic effects: the role of adrenarche in genetic influences on disordered eating in males. Poster presented at the Eating Disorders Research Society (EDRS) meeting, New York, New York.
- 28. \*Rakhkovskaya, L.M., Warren, C.S., & Culbert, K.M. (May 2016). Clarifying the role of ethnic identity in body weight and shape concerns in African American, Asian American, and Latina American college women. Poster presented at the International Conference on Eating Disorders (ICED), San Francisco, California.
- 29. Culbert, K.M., Racine, S.E., Breedlove, S.M., Sisk, C.L., Keel, P.K., Neale, M.C., Boker, S.M., Burt, S.A., & Klump, K.L. (April 2015). Prenatal testosterone exposure and decreased risk for binge eating: ovarian hormones as key underlying mechanisms. Poster presented at the 2015 International Conference on Eating Disorders (ICED), Boston, Massachusetts.
- 30. Culbert, K.M., Klenotich, S., Dulawa, S., & Le Grange, D. (September 2013). From benchside to bedside: prenatal testosterone exposure decreases severity of anorexic-like symptoms in adolescent female mice and girls. Poster presented at the 2013 Eating Disorder Research Society (EDRS) meeting, Bethesda, Maryland.
- 31. Culbert, K.M., Burt, S.A., Sisk, C.L., Nigg, J.T., & Klump, K.L. (June 2013). The effects of puberty and circulating testosterone on risk for disordered eating in adolescent males. Poster presented at the 2013 Society for Behavioral Neuroendocrinology (SBN) meeting, Atlanta, Georgia.
- 32. Culbert, K.M., Breedlove, S.M., Sisk, C.L., Burt, S.A., & Klump, K.L. (September 2012). The emergence of sex differences in risk for disordered eating during puberty: a role for prenatal testosterone

- exposure. Poster presented at The Society for Research in Psychopathology (SRP) meeting, Ann Arbor, Michigan.
- 33. Racine, S.E., Culbert, K.M., Keel, P.K., Burt, S.A., Sisk, C.L., & Klump, K.L. (October 2010). Ovarian hormones and disordered eating symptoms: associations with body dissatisfaction, drive for thinness, and dietary restraint. Poster presented at the Eating Disorders Research Society (EDRS) meeting, Cambridge, Massachusetts.
- 34. Culbert, K.M., Burt, S.A., Sisk, C.L., Nigg, J.T., & Klump, K.L. (June 2010). The emergence of sex differences in disordered eating during puberty. Poster presented at the Organization for the Study of Sex Differences (OSSD) meeting, Ann Arbor, Michigan.
- 35. Racine, S.E., Culbert, K.M., Keel, P.K., Burt, S.A., & Klump, K.L. (June 2010). Fluctuations in ovarian hormones and body dissatisfaction across the menstrual cycle. Poster presented at the Organization for the Study of Sex Differences (OSSD) meeting, Ann Arbor, Michigan.
- 36. Klump, K.L., Culbert, K.M., Burt, S.A., Sisk, C.L., Nigg, J.T. (June 2010). Sex differences in disordered eating: a role for genes and puberty? Poster presented at the Organization for the Study of Sex Differences (OSSD) meeting, Ann Arbor, Michigan.
- 37. Culbert, K.M., Burt, S.A., McGue, M., Iacono, W.G., & Klump, K.L. (September 2009). Puberty and the genetic diathesis of disordered eating. Poster presented at the Eating Disorders Research Society (EDRS) meeting, Brooklyn, New York.
- 38. Culbert, K.M., Burt, S.A., & Klump, K.L. (June 2009). The emergence of sex differences in disordered eating during puberty. Poster presented at the Society for Behavioral Neuroendocrinology (SBN) meeting, East Lansing, Michigan.
- 39. Klump, K.L., Keel, P.K., Culbert, K.M., Edler, C.E., Burt, S.A., & Sisk, C.L. (June 2009). Phenotypic and genetic associations between binge eating and ovarian hormones. Poster presented at the Society for Behavioral Neuroendocrinology (SBN) meeting, East Lansing, Michigan.
- 40. **Culbert, K.M.**, Burt, S.A., & Klump, K.L. **(September 2008).** The emergence of sex differences in disordered eating during puberty: a role for gonadal hormones? Poster presented at the Eating Disorders Research Society (EDRS) meeting, Montreal, Quebec, Canada.
- 41. Racine, S.E., Culbert, K.M., Larson, C.L., & Klump, K.L. (September 2008). The moderating effects of impulsivity and dietary restraint on associations between serotonin genes and bulimic symptoms. Poster presented at the Eating Disorders Research Society (EDRS) meeting, Montreal, Quebec, Canada.
- 42. **Culbert, K.M.**, Burt, S.A., McGue, M., Iacono, W.G., & Klump, K.L. (**June 2008**). Puberty and the genetic diathesis of disordered eating: a replication study. Poster presented at the Behavior Genetics Association (BGA) meeting, Louisville, Kentucky.
- 43. Racine, S.E., Culbert, K.M., Larson, C.L., & Klump, K.L. (June 2008). The moderating effects of impulsivity and dietary restraint on associations between serotonin genes and bulimic symptoms. Poster presented at the Behavior Genetics Association (BGA) meeting, Louisville, Kentucky.
- 44. Culbert, K.M., Zehr, J.L., Sisk, C.L., & Klump, K.L. (October 2007). Is pubertal timing important? The role of pubertal timing in disordered eating attitudes and behaviors. Poster presented at the Eating disorder Research Society (EDRS) meeting, Pittsburgh, Pennsylvania.

- 45. Zehr, J.L., Culbert, K.M., Sisk, C.L., & Klump, K.L. (May 2007). Long-term biological effects of pubertal timing on the development of disordered eating and anxiety in men and women. Poster presented at the International Conference on Eating Disorders (ICED) in Baltimore, Maryland.
- 46. Zehr, J.L., Culbert, K.M., Sisk, C.L., & Klump, K.L. (June 2006). Early puberty is associated with disordered eating and anxiety in young adults. Poster presented at the International Congress of Neuroendocrinology (ICN), Pittsburgh, Pennsylvania.
- 47. Culbert, K.M., Breedlove, S.M., Klump, K.L. (September 2005). Protective effects of prenatal testosterone on risk for eating disorders: a comparison of opposite sex and same sex twins. Poster presented at the Eating Disorder Research Society (EDRS) meeting, Toronto, Ontario, Canada.
- 48. **Culbert, K.M**. & Klump, K.L. **(October 2004).** A closer examination of impulsivity and its role in compensatory and sexual behaviors. Poster presented at the Eating Disorder Research Society (EDRS) meeting, Amsterdam, The Netherlands.
- 49. Grewal, H.S., **Culbert, K.M.**, Gobrogge, K.L., & Klump, K.L. **(October 2004).** An investigation of familial and genetic associations between disordered eating, mood symptoms, and neurotic personality characteristics. Poster presented at the Eating Disorder Research Society (EDRS) meeting, Amsterdam, The Netherlands.

#### **Other Presentations (non-refereed)**

- 1. \*Riopelle, I.E., Anaya, C.A., Sokol, E.E., Culbert, K.M., Burt, S.A., Klump, K.L. (April 2025). Sex differences in associations between activation control and disordered eating symptoms in a population-based sample of youth. Poster presented at the Undergraduate Research and Arts Forum (UURAF), Michigan State University, East Lansing, MI. *Received 1st place award*.
- 2. \*Pereira Sanabria, L.F., Ackerman, L.S., Burt, S.A., Sisk, C.L., Klump, K.L., **Culbert, K.M. (April 2023).** Androgen effects on risk for binge eating in males during puberty: project overview and current status. Poster presented at the Undergraduate Research and Arts Forum (UURAF), Michigan State University, East Lansing, MI. *Received 1<sup>st</sup> place award*.
- 3. \*Diaz, F.D., Shope, M.M., & Culbert, K.M. (April 2019). Later pubertal timing is predictive of drive for muscularity in men. Poster presented at the Spring 2019 UNLV Undergraduate research Conference, Las Vegas, NV.
- 4. Borra, G., Chaundry, S., DeWitt, S., Mikhail, M., Culbert, K.M., Burt, S.A., & Klump, K.L. (April 2019). Effects of prenatal testosterone on impulsivity and dysregulated eating in adolescent girls. Poster presented at the Undergraduate Research and Arts Forum (UURAF), Michigan State University, East Lansing, MI.
- 5. \*Diaz, F.D., Shope, M.M., & Culbert, K.M. (April 2018). An examination of pubertal timing effects on drive for muscularity in men. Lightening talk presented at the 2018 UNLV Office of Undergraduate Research Conference, Las Vegas, Nevada.
- 6. \*Diaz, F.D., Shope, M.M., & Culbert, K.M. (April 2018). An examination of pubertal timing effects on drive for muscularity in men. Poster presented at the UNLV Office of Undergraduate Research Conference, Las Vegas, Nevada.
- 7. \*Shope, M.M., & Culbert, K.M. (February 2018). Elucidating the lasting influence of early pubertal timing on eating pathology: evidence for specific effects on binge eating symptoms. Paper presented at the UNLV Graduate & Professional Student Research Forum, Las Vegas, Nevada.

- 8. \*Habashy, J. & Culbert, K.M. (November 2017). An examination of the intersection between distinct facets of perfectionism and sociocultural idealization of thinness on disordered eating symptoms. Paper presented at the UNLV Psi Chi PSYCHTalks Competition, Las Vegas, Nevada. *Received 2<sup>nd</sup> place award*.
- 9. \*Habashy, J. & Culbert, K.M. (November 2017). An examination of the intersection between distinct facets of perfectionism and sociocultural idealization of thinness on disordered eating symptoms. Paper presented at the UNLV Office of Undergraduate Research Fall Showcase, Las Vegas, Nevada.
- 10. \*Habashy, J. & Culbert, K.M. (April 2017). The interactive effects of perfectionism and sociocultural idealization of thinness on disordered eating symptoms. Poster presented at the UNLV Office of Undergraduate Research Spring Showcase, Las Vegas, Nevada.
- 11. \*Vazquez, R. & Culbert, K.M. (October 2017). Insula activation and what it may tell us about food motivation in anorexia nervosa: a systematic literature review. Poster presented at the UNLV Title III AANAPISI & McNair Scholars Undergraduate Research Symposium, Las Vegas, Nevada.
- 12. **Culbert, K.M.,** Breedlove, S.M., Nigg, J.T., Sisk, C.L., Burt, S.A., & Klump, K.L. (**October 2010**). Prenatal testosterone exposure and age differences in risk for disordered eating. Paper presented at the Annual Research Day, Department of Psychiatry and Behavioral Neuroscience, The University of Chicago, Chicago, Illinois.