

# Rebecca R. Klatzkin

Rhodes College  
Department of Psychology  
Neuroscience Program  
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## ***Education History***

- 2006-2009      **University of North Carolina at Chapel Hill**  
*Ph.D. - Psychology: Behavioral Neuroscience*
- 2006            **University of North Carolina at Chapel Hill**  
*Master of Arts - Psychology: Behavioral Neuroscience*
- 2004            **University of Richmond**  
*Bachelor of Science - Psychology; Minor: Biology*

## ***Professional Appointments***

- 2011 - Present      **Assistant Professor**  
Department of Psychology - Rhodes College
- 2010 -2011        **Visiting Assistant Professor**  
Department of Psychology - University of Richmond
- 2009 -2010        **Visiting Assistant Professor**  
Department of Psychology - Washington College
- 2006 -2008        **Teaching Fellow**  
Department of Psychology - University of North Carolina at Chapel Hill

## ***Grants and Fellowships***

### Internal:

- 2014            **Rhodes College Faculty Development Endowment Grant**  
*Stress-related changes in anxiety, but not hunger, are associated with post-stress food consumption in obese women with Binge Eating Disorder. Total amount: \$5000*
- 2013            **Rhodes College Faculty Development Endowment Grant**  
*Stress-Induced Eating in Binge Eating Disorder: Does Comfort Food Aid in Stress Recovery? Total amount: \$5000*
- 2012 & 2013      **Rhodes Neuroscience Summer Research Fellowship**  
Project Title: *Stress-Induced Binge Eating*. Amount per summer: \$12,875

**2010-2011**                    **University of Richmond Student Research Grants**  
Project Title: *The effect of comfort food on stress responses in binge eating disorder*. Total amount: \$1000

**2007-2008**                    **University of North Carolina Teaching Fellowship**  
A teaching fellowship supplying a stipend for full responsibility of a department course during the spring and summer semesters.  
Total Amount: \$15,900

External:

**2007-2009**                    **NIMH National Research Service Award (F31 MH079532)**  
A competitive research grant supplying stipend, tuition, and travel funding for pre-doctoral research. Project Title: *Prior depression, PMDD, and pain: Biological mechanisms*. Total Amount: \$87,873

**2004-2006**                    **NIH Pre-doctoral Training Fellowship (T32 NS007431)**  
An institutional grant supplying tuition, stipend, and travel funding for pre-doctoral students.

## ***Research Interests***

Stress-Induced Eating in Women  
Binge Eating Disorder and Obesity  
Hormonal and Cardiovascular Responses to Stress

## ***Research Publications*** (\*Asterisks indicate student collaborators)

Peer Reviewed:

\*Roberts, M.H., **Klatzkin, R.R.**, Mechlin, B. (2015). Social support attenuates physiological stress responses and experimental pain sensitivity to cold pressor pain. *Annals of Behavioral Medicine*, 49: 557-569.

**Klatzkin, R.R.**, \*Gaffney, S., \*Cyrus, K., \*Bigus, E., Brownley, K.A. (2015). Binge eating disorder and obesity: Preliminary evidence for distinct cardiovascular and psychological phenotypes. *Physiology & Behavior*, 142: 20-27.

**Klatzkin, R.R.**, Bunevicius, A., Forneris, C.A., Girdler, S.S. (2014). Menstrual mood disorders are associated with blunted sympathetic reactivity to stress. *Journal of Psychosomatic Research*, 76: 46-55.

Bunevicius, A., Hinderliter, A., **Klatzkin, R.R.**, Patel, A., Arizmendi, C., Girdler, S.S. (2013). Beta-adrenergic receptor mechanisms and pain sensitivity in women with a menstrually related mood disorder. *The Journal of Pain*, 14(11): 1349-1360.

**Klatzkin, R.R.**, Lindgren, M.E., Forneris, C.A., Girdler, S.S. (2010). Histories of Major Depression and Premenstrual Dysphoric Disorder: Evidence for Phenotypic Differences. *Biological Psychology*, 84(2): 235-247.

**Klatzkin, R.R., Mechlin, B., Girdler, S.S. (2010).** Menstrual cycle phase does not influence gender differences in experimental pain sensitivity. *European Journal of Pain*, 14(1): 77-82.

Heymen, S., Maixner, W., Whitehead, W.E., **Klatzkin, R.**, Mechlin, B., Light, K. (2008). T1469 Diffuse noxious inhibitory controls (DNIC) are compromised in patients with irritable bowel syndrome compared to healthy controls. *Gastroenterology*, 134(4): A-562.

**Klatzkin, R.R., Mechlin, B., Bunevicius, R., Girdler, S.S. (2007).** Race and Histories of Mood Disorders Modulate Experimental Pain Tolerance in Women. *Journal of Pain*, 8(11): 861-868.

Girdler, S.S., **Klatzkin, R.R. (2007).** Neurosteroids in the Context of Stress: Implications for Depressive Disorders. *Pharmacology & Therapeutics*, 116(1): 125-139.

Girdler, S.S., Leserman, J., Bunevicius, R., **Klatzkin, R.R.**, Pedersen, C.A., Light, K.C. (2007). Persistent Alterations in Cardiovascular and Neuroendocrine Profiles in Women with Abuse Histories: Influence of Premenstrual Dysphoric Disorder. *Health Psychology*, 26(2): 201-213.

**Klatzkin, R.R., Morrow, A.L., Light, K.C., Pedersen, C.A., Girdler, S.S. (2006).** Histories of Depression, Allopregnanolone Responses to Stress, and Premenstrual Symptoms in Women. *Biological Psychology*, 71(1): 2-11.

**Klatzkin, R.R., Morrow, A.L., Light, K.C., Pedersen, C., Girdler, S.S. (2006).** Associations of Histories of Depression and PMDD Diagnosis with Allopregnanolone Concentrations Following the Oral Administration of Micronized Progesterone. *Psychoneuroendocrinology*, 31(10): 1208-1219.

#### Invited Review:

Girdler, S.S. and **Klatzkin, R.R. (2006).** Biological Responses to Stress in Premenstrual Dysphoric Disorder: Influence of Histories of Abuse and Depression. Invited submission, *Gynaecology Forum*, 11: 27-32.

#### Scholarship of Teaching and Learning:

**Klatzkin, R.R. (2012).** Stress-induced binge eating. In Gibson, Klatzkin, and Littlefield's Research Readings and Statistical Exercises Using SPSS and Excel. (Online at <http://teachpsych.org/otrp/resources/index.php?category=Research%20and%20Teaching>).

**Klatzkin, R.R. (2012).** Behavioral assessment in a mouse model of depression. In Gibson, Klatzkin, and Littlefield's Research Readings and Statistical Exercises Using SPSS and Excel (Online at <http://teachpsych.org/otrp/resources/index.php?category=Research%20and%20Teaching>).

#### Manuscript Under Review:

**Klatzkin, R.R., \*Gaffney, S., \*Cyrus, K., \*Bigus, E., Brownley, K.A. (submitted).** Correlates of stress-induced eating in women with binge eating disorder and obesity. *Biological Psychology*.

**Klatzkin, R.R., \*Baldassaro, A., \*Sumner, C., \*Rashid, S. (submitted).** Stress and the drive to eat in college women: does chronic perceived stress matter? *Journal of Psychosomatic Research*.

## **Conference Presentation**

Girdler, S.S., Klatzkin, R., Lindgren, M., Leserman, J., Bunevicius, R., Prange, A. (2009). Thyroid Axis Profiles in PMDD: Influence of Histories of Abuse. Presented as part of a symposium on Psychiatric disorders and thyroid axis functioning across lifecycles at The 9<sup>th</sup> World Congress of the World Federation of Biological Psychiatry, Paris, France.

## **Conference Abstracts** (Asterisks indicate student collaborators)

Klatzkin, R.R., \*Sumner, C., \*Baldassaro, A., \*Rashid, S. (2016). The relationship between acute stress reactivity and motivation for food in chronically stressed women. *Psychosomatic Medicine*, 78(3), A-33. The 74<sup>th</sup> annual meeting of the American Psychosomatic Society.

Klatzkin, R.R., \*Gaffney, S., \*Madigan, L., \*Sumner, C., \*Baldassaro, A., \*Rashid, S. (2015). Obesity and binge eating are associated with heightened negative affect and desire to eat, but not hunger, following mental stress: preliminary evidence. International Behavioral Neuroscience Society.

Klatzkin, R.R., \*Gaffney, S., \*Cyrus, K., \*Bigus, E., Brownley, K. (2015). Binge eating disorder and obesity: Preliminary evidence for distinct phenotypes regarding cardiovascular functioning and hunger responses to stress. *Psychosomatic Medicine*, 77(3), A-33. The 73<sup>rd</sup> annual meeting of the American Psychosomatic Society.

\*Roberts, M.H., Klatzkin, R.R., \*Bigus, E., \*Julien, A., \*Madigan, L., Mechlin, B. (2014). Social support, but not the presence of a non-supportive other, attenuates both stress and pain following a cold pain task - preliminary results. *Psychosomatic Medicine*, 76(3), A-33. The 72<sup>nd</sup> annual meeting of the American Psychosomatic Society.

Klatzkin, R.R., \*Gaffney, S., \*Cyrus, K., \*Bigus, E., Brownley, K. (2014). Stress-related change in anxiety is associated with post-stress food consumption in obese women with binge eating disorder. The 21<sup>st</sup> annual International Conference on Eating Disorders (ICED).

Klatzkin, R.R., \*Gaffney, S., \*Cyrus, K. (2013). Evidence for binge eating disorder and obesity as distinct clinical entities with respect to cardiovascular and psychological responses to stress: preliminary findings. *Psychosomatic Medicine*, 75(3), A-124. The 71<sup>st</sup> annual meeting of the American Psychosomatic Society.

Klatzkin, R.R., \*Bigus, E., \*Wuerful, A., Brownley, K.A. (2013). The influence of post-stress food anticipation and consumption on cardiovascular recovery from mental stress in women with binge eating disorder: preliminary findings. *Psychosomatic Medicine*, 75(3), A-89. The 71<sup>st</sup> annual meeting of the American Psychosomatic Society.

Heymen, S., Maixner, W., Whitehead, W.E., Klatzkin, R., Mechlin, B., Light, K. (2008). Diffuse Noxious Inhibitory Controls (DNIC) are Compromised in Patients with Irritable Bowel Syndrome Compared to Healthy Controls. *Neurogastroenterology and Motility*, 20 (Supplement 2), 8.

Mechlin, B., Klatzkin, R.R., Girdler, S.S. (2008, March). Lack of evidence for a menstrual cycle effect on pain sensitivity in healthy women. *Annals of Behavioral Medicine*, 35 (Supplement 1), C076. Poster presented at the 29<sup>th</sup> annual meeting of the Society of Behavioral Medicine.

- Zolnoun, D., Perinetti-Liebert, C., **Klatzkin, R.**, Mechlin, M.B., Girdler, S.S. (2008, March). Differences in Systemic Pain Perception between Women with Primary and Secondary Vulvar Vestibulitis Syndrome. *Psychosomatic Medicine*, 70(1), A-83. The 66<sup>th</sup> annual meeting of the American Psychosomatic Society.
- Mechlin, B., **Klatzkin, R.R.**, Bunevicius, R., Girdler, S.S. (2007). Vascular and Blood Pressure Predictors of Pain Sensitivity in Women: Ethnic Differences. *Psychosomatic Medicine*, 69(1), A-37. Poster presented at the 65<sup>th</sup> annual meeting of the American Psychosomatic Society.
- Girdler, S.S., Mechlin, B., **Klatzkin, R.R.**, Morrow, A.L. (2007). Time Course of the Allopregnanolone Response to Stress in Humans. *Psychosomatic Medicine*, 69(1), A-65. Poster presented at the 65<sup>th</sup> annual meeting of the American Psychosomatic Society.
- Klatzkin, R.R.**, Mechlin, B., Bunevicius, R., Girdler, S.S. (2007). Ethnicity and Histories of Mood Disorders Modulate Experimental Pain Tolerance in Women. *Psychosomatic Medicine*, 69(1), A-36. Poster presented at the 65<sup>th</sup> annual meeting of the American Psychosomatic Society.
- Klatzkin, R.R.**, Morrow, A.L., Light, K.C., Girdler, S.S. (2006, March). Associations Involving Histories of Depression and PMDD Diagnosis with Allopregnanolone Concentrations Following the Oral Administration of Micronized Progesterone. *Psychosomatic Medicine*, 68(1), A-42. Citation Poster presented at the 64<sup>th</sup> annual meeting of the American Psychosomatic Society.
- Girdler, S., Klatzkin, R., Leserman, J., Mechlin, B., Light, K. (2005). Histories of abuse and stress responses in women with premenstrual dysphoric disorder and healthy controls. *Psychosomatic Medicine*, 67(1), A-52. Poster presented at the 63<sup>rd</sup> annual meeting of the American Psychosomatic Society.
- Mechlin, B., Maixner, W., Light, K., **Klatzkin, R.**, Girdler, S. (2005, March). Ethnicity, stress, and menstrual cycle: modifiers of pain sensitivity in men and women. *Psychosomatic Medicine*, 67(1), A-101. Poster presented at the 63<sup>rd</sup> annual meeting of the American Psychosomatic Society.
- Klatzkin, R.R.**, Morrow, L.A., Mechlin, B., Light, K.C., Girdler, S.S. (2005, March) Histories of depression in women are associated with alterations in allopregnanolone stress reactivity. *Psychosomatic Medicine*, 67(1), A-38. Citation Poster presented at the 63<sup>rd</sup> annual meeting of the American Psychosomatic Society.
- Kinsley, C.H., Jeannotte, A.M., Karp, N.E., Hoffman, A.L. Stevens, L.F., McNamara, I.M., Wightman, N.P., **Klatzkin, R.R.**, Banks, M.S., Morgan, M.D., Lambert, K.G. (2003, November). Motherhood modifies the display of diverse types of learning and memory (L&M) in the female rat. Program No. 728.21. Poster presented at the 33<sup>rd</sup> annual meeting of the Society for Neuroscience.

## **Awards & Honors**

- 2016 & 2013**                      Research abstract selected by American Psychosomatic Society Program Committee to be newsworthy and included in the Society's press release
- 2011**                                      University of Richmond Psi Chi Outstanding Faculty Member Award

- 2008** Received competitive admission and honorarium into the *University of North Carolina Future Faculty Fellowship Program*
- 2005 & 2006** Citation Poster presented at the Annual Meeting of the American Psychosomatic Society
- 2005** American Psychosomatic Scholar Award, supporting travel based on meritorious abstract submission
- 2004** Graduated Magna Cum Laude with Departmental Honors in Psychology, University of Richmond

## ***Teaching Experience*** (Numbers in parentheses indicate sections taught)

**Rhodes College (2011-present):** Introduction to Psychological Science (8), Neuroscience (7), Research Methods and Statistics (2), Advanced Methods in Psychology (1), Neuroscience Research Methods (3), Senior Seminar in Psychology (2), Senior Seminar in Neuroscience (2)

**University of Richmond (2010-11):** Method & Analysis w/Lab (2), Psychopathology w/ Lab (2)

**Washington College (2009-10):** Neuroscience Research Method: Hormones and Behavior with Lab (1), Psychopathology (1), Drugs and Behavior (1), Biological Psychology with Lab (1)

**University of North Carolina at Chapel Hill (2006-08):** General Psychology (2), Laboratory Research in Psychology (3)

## ***Professional Service***

### Service to the College

Standards and Standings Committee, Secretary; 2014-2015

Faculty Search Committee for Chemistry position; 2014

Faculty Search Committee for Cognitive Neuroscience position, 2013

Common Table Work Group: Student Connections, 2013

Neuroscience Committee; 2011-Present

Psi Chi National Honor Society Faculty Advisor; 2011-Present

Psychology Department Assessment Subcommittee; 2011-Present

Psychology Department Culture and Climate Subcommittee; 2014-Present

Psychology Graduate School Forum, Lead Presenter; Fall 2011-2013

Psychology Department Admissions Liaison, Fall 2013-present

Admissions Open House and Preview - Faculty Lecturer for Sample Classroom Experience; October 2011, September 2012, November 2013, April 2014

Admissions Information Session; September 2013, February 2015

Admissions Scholarship Symposium; February 2015

## Service to the Scientific Community

Invited Talk for National Eating Disorders Awareness Week, Rhodes College, February, 2015. "Stressed is desserts spelled backwards: stress-induced eating and reward"

Invited Talk for the Mid-South Psychology Conference, Christian Brothers University, March, 2014. "How to Read Minds (well... sort of): An Introduction to Psychophysiological Methods"

Invited Talk for National Eating Disorders Awareness Week, Rhodes College, February, 2014. "Binge Eating Disorder and Stress-Induced Eating"

Invited Talk for the Pink Palace Museum, Memphis, TN, January, 2014. "The Science of Alcohol - Busting Myths"

Reviewer for the Mid-South Psychology Conference; Memphis, TN, March, 2013

Ad-hoc Reviewer: Childhood Obesity, Bulimia and Obesity, Psychoneuroendocrinology, Journal of Psychosomatic Research, Journal of Pain, Women and Health, Eating and Weight Disorders - Studies on Anorexia,

## ***Professional Memberships***

2012-Present American Psychosomatic Society

2010-Present Faculty for Undergraduate Neuroscience

2009-Present Society for the Teaching of Psychology

2009-Present Association for Psychological Science

## ***Professional Development***

*Teaching Mentorship Program, Rhodes College, 2011-2013*

*Scholarship Mentorship Program, Rhodes College, 2013*

## ***Mentoring***

### Regional Conference Presentations by Students:

\*Sumner, C., \*Baldassaro, A., \*Rashid, S. (2016). The relationship between acute stress reactivity and motivation for food in chronically stressed women. Poster presented at the Rhodes College Undergraduate Research and Creative Activities Symposium, Memphis, TN.

\*Gaffney, S., \*Madigan, L., \*Sumner, C., \*Baldassaro, A., \*Rashid, S. (2015). Obesity and binge eating are associated with heightened negative affect and desire to eat, but not hunger, following mental stress: preliminary evidence. Poster presented at the Rhodes College Undergraduate Research and Creative Activities Symposium, Memphis, TN.

\*Gaffney, S., \*Cyrus, K., \*Bigus, E., Brownley, K. (2015). Binge eating disorder and obesity: Preliminary evidence for distinct phenotypes regarding cardiovascular functioning and hunger responses to stress. Poster presented at the Rhodes College Undergraduate Research and Creative Activities Symposium, Memphis, TN.

\*Roberts, M.H., \*Bigus, E., \*Julien, A., \*Madigan, L., Mechlin, B. (2014). *Social support, but not the presence of a non-supportive other, attenuates both stress and pain following a cold pain task - preliminary results*. Poster presented at the Rhodes College Undergraduate Research and Creative Activities Symposium, Memphis, TN.

\*Gaffney, S., \*Cyrus, K, \*Bigus, L., \*Wuerful, A. (2013, March). *The influence of post-stress food anticipation and consumption on cardiovascular recovery from mental stress in women with binge eating disorder: preliminary findings*. Paper presented at the 16th Mid-South Psychology Conference, Memphis, TN. [paper awarded second place]

\*Gaffney, S., \*Cyrus, K., \*Bigus, L., \*Wuerful, A. (2013, March). *Evidence for binge eating disorder and obesity as distinct clinical entities with regard to cardiovascular and psychological responses to stress: preliminary findings*. Poster presented at the Rhodes College Undergraduate Research and Creative Activities Symposium, Memphis, TN.

#### Students Supervised in Research:

##### Honors Thesis:

2013-2014: Matthew Roberts, *Social support attenuates physiological stress responses and experimental pain sensitivity to cold pressor pain*.

##### Summer Research Fellowships:

2013: Matthew Roberts; *Margaret Ruffin Hyde Award in Psychology*

2012: Sierra Gaffney and Kathryn Cyrus; *Neuroscience Summer Research Fellowship*

##### Research Practicum/Supervised Research:

2015-16: Allie Baldassaro, Saniya Rashid, Ellery Hayden, Catrina Cattaneo

2015-16: Caroline Sumner, Allie Baldassaro, Saniya Rashid, Ellery Hayden

2014-15: Sierra Gaffney, LauraLee Madigan, Caroline Sumner, Allie Baldassaro, Saniya Rashid

2013-14: Sierra Gaffney, Kathryn Cyrus, Liz Bigus, Allison Julien, LauraLee Madigan

2012-13: Sierra Gaffney, Kat Cyrus, Liz Bigus, Allison Julien, Laura Madigan, Matthew Roberts

2011-12: Jenna Brownfield, Marie Kyle, Megan O'Brien, Kyle Capstick, Liz Bigus, Sierra Gaffney, Kathryn Cyrus