

Rebecca R. Klatzkin

Department of Psychology, Neuroscience Program - Rhodes College
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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

Teaching Experience (Numbers in parentheses indicate sections taught)

Assistant Professor, Rhodes College (2011-present):

Introduction to Psychological Science (11)
Neuroscience (9)
Neuroscience Research Methods (3)
Senior Seminar in Psychology (3)
Senior Seminar in Neuroscience (3)
Research Methods and Statistics (2)
Advanced Methods in Psychology (1)
Neuroscience Research - undergraduate research supervision (12)

Visiting Assistant Professor, University of Richmond (2010-11):

Method & Analysis with Lab (2); Psychopathology with Lab (2)

Visiting Assistant Professor, Washington College (2009-10):

Neuroscience Research Method: Hormones and Behavior with Lab (1)
Psychopathology (1); Drugs and Behavior (1); Biological Psychology with Lab (1)

Graduate Teaching Fellow, University of North Carolina at Chapel Hill (2006-08):

General Psychology - Independent Instructor (2)
Laboratory Research in Psychology - Teaching Assistant (3)

Research Publications (* = student collaborator; IF = Impact Factor)

Peer Reviewed:

- Klatzkin, R.R., *Baldassaro, A., *Rashid, S. (revised and resubmitted). The impact of chronic stress on the acute stress-induced drive to eat in college women. *Eating Behaviors*.
- Klatzkin, R.R., *Gaffney, S., *Cyrus, K., *Bigus, E., Brownley, K.A. (2016). Stress-induced eating in women with binge eating disorder and obesity. *Biological Psychology*. doi: 10.1016/j.biopsycho.2016.11.002. (IF = 3.070)
- *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. doi: 10.1007/s12160-015-9686-3.
- 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. doi: 10.1016/j.physbeh.2015.01.018.
- 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. doi: 10.1016/j.jpsychores.2013.11.002.
- 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. doi: 10.1016/j.jpain.2013.05.014.
- 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. doi: 10.1016/j.biopsycho.2010.01.018
- 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. doi: 10.1016/j.ejpain.2009.01.002.
- Heymen, S., Maixner, W., Whitehead, W.E., Klatzkin, R., Mechlin, B., Light, K. (2008). Central processing of noxious somatic stimuli in patients with irritable bowel syndrome compared with healthy controls. *Clinical Journal of Pain*, 26(2): 104-109. doi: 10.1097/AJP.0b013e3181bff800.
- Klatzkin, R.R., Mechlin, B., Bunevicius, R., Girdler, S.S. (2007). Race and Histories of Mood Disorders Modulate Experimental Pain Tolerance in Women. *The 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.

Submitted Manuscript:

Klatzkin, R.R., *Baldassaro, A., *Hayden, E. Chronic stress alters the psychophysiological mechanisms underlying acute stress-induced eating in women. *Journal of Psychosomatic Research*.

Scholarship of Teaching and Learning:

Klatzkin, R.R. (2012a). Stress-induced binge eating. In Gibson, Klatzkin, and Littlefield's Research Readings and Statistical Exercises Using SPSS and Excel. (Online at <http://teachpsych.org/page-1603793>).

Klatzkin, R.R. (2012b). 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/page-1603793>).

Conference Abstracts (*denotes student collaborators)

Klatzkin, R.R., *Baldassaro, A., *Rashid, S., *Hayden, E., *Cattaneo, C., *Dasani, R. (2017). Do correlates of stress-induced eating differ for women with high and low chronic stress? The 25th annual meeting of the Society for the Study of Ingestive Behavior.

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 74th 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 73rd 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 72nd 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 21st 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 71st 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 71st 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).** 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 29th annual meeting of the Society of Behavioral Medicine.
- Zolnoun, D., Perinetti-Liebert, C., Klatzkin, R., Mechlin, M.B., Girdler, S.S. (2008).** Differences in Systemic Pain Perception between Women with Primary and Secondary Vulvar Vestibulitis Syndrome. *Psychosomatic Medicine*, 70(1), A-83. The 66th 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 65th 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 65th 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 65th annual meeting of the American Psychosomatic Society.
- Klatzkin, R.R., Morrow, A.L., Light, K.C., Girdler, S.S. (2006).** 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 64th 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 63rd annual meeting of the American Psychosomatic Society.

Mechlin, B., Maixner, W., Light, K., **Klatzkin, R.**, Girdler, S. (2005). Ethnicity, stress, and menstrual cycle: modifiers of pain sensitivity in men and women. *Psychosomatic Medicine*, 67(1), A-101. Poster presented at the 63rd annual meeting of the American Psychosomatic Society.

Klatzkin, R.R., Morrow, L.A., Mechlin, B., Light, K.C., Girdler, S.S. (2005) Histories of depression in women are associated with alterations in allopregnanolone stress reactivity. *Psychosomatic Medicine*, 67(1), A-38. Citation Poster presented at the 63rd 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). 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 33rd annual meeting of the Society for Neuroscience.

Grants and Fellowships

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.

Internal:

2017 **Rhodes College Faculty Development Endowment Grant**
Does chronic stress impact comfort food consumption following acute mental stress in college women? Total amount: \$5000

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

Awards & Honors

- 2013 & 2016** 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

Professional Memberships

- 2017-Present** Society for the Study of Ingestive Behavior
- 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

Professional Service

Service to the Scientific Community

- Ad-hoc Reviewer:** Eating Behaviors, Childhood Obesity, Bulimia and Obesity, Psychoneuroendocrinology, Journal of Psychosomatic Research, Journal of Pain, Women and Health, Eating and Weight Disorders
- October 2017** Invited Talk for the colloquium series for the Clinical Psychology Doctoral Program at the University of Memphis. "Psychological and physiological mechanisms underlying stress-induced eating"
- February 2014 -17** Invited Talks for National Eating Disorders Awareness Week, Rhodes College. "The science of stress-induced eating"
- March 2014** Invited Talk for the Mid-South Psychology Conference, Christian Brothers University. "How to Read Minds (well... sort of): An Introduction to Psychophysiological Methods"
- January 2014** Invited Talk for the Pink Palace Museum, Memphis, TN. "The Science of Alcohol - Busting Myths"
- March 2013** Reviewer for the Mid-South Psychology Conference; Memphis, TN.

Service to Rhodes College

2011-Present	Neuroscience Program Committee
2011-Present	Psi Chi National Honor Society Faculty Advisor
2011-Present	Psychology Department Assessment Committee
2014-Present	Psychology Department Culture and Climate Committee
2013-Present	Psychology Department Admissions Liaison
2011-Present	Participant in Admissions Recruitment Events Discover Rhodes, August 2017 Admissions Phonecast, March 2017 Admissions Open House and Preview - October 2011, September 2012, November 2013, April 2014; November 2016 Admissions Information Session; September 2013, February 2015 Admissions Scholarship Symposium; February 2015
2014-2017	Standards and Standings Committee, Secretary
2014	Faculty Search Committee for Chemistry position
2013	Faculty Search Committee for Cognitive Neuroscience position
2013	Common Table Work Group: Student Connections

Research Mentoring

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:

2016-17: Allie Baldassarro, Saniya Rashid, Ellery Hayden, Catrina Cattaneo, Reedhi Dasani, McKay Warren, Tzvi Nadel

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

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

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

2012-13: Sierra Gaffney, Kathryn Cyrus, Liz Bigus, Allison Julien, Laura Madigan

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

Regional Conference Presentations by Students:

*Sumner, C., *Baldassarro, 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., *Baldassarro, 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.