

Revised 10/6/08

## CURRICULUM VITAE HEATHER A. RUPP

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### RESEARCH INTERESTS

- Cognitive and neural processes underlying the evaluation and perception of social stimuli.
- Biological and psychosocial influences on women's partner preferences and sexual behavior.
- Hormonal influences on mood and psychological well being.
- Changes in functional neuroanatomy with women's reproductive transitions.
- Cross-species analogies in sexual behavior and underlying neuroendocrinology.

### EDUCATION

Undergraduate	1995-1998	Duke University, Psychology, B.A., Durham, NC,
Graduate	2001-2003	M.A. in Psychology, Neuroscience and Animal Behavior, Emory University, Atlanta, GA. Thesis: "Sex Segregation in Rhesus Monkeys ( <i>Macacca mulatta</i> )." Advisor: Kim Wallen, Ph.D.
	2004-2006	Ph.D. in Psychology, Neuroscience and Animal Behavior, Emory University, Atlanta, GA. Dissertation: "Sex Differences in Attention to Visual Sexual Stimuli." Advisor: Kim Wallen, Ph.D.

### EMPLOYMENT

1999-2000	Research Assistant, Macro International, Beltsville, MD.
2000-2001	Post-baccalaureate IRTA Fellow, National Institutes of Health, Bethesda, MD.
2001-2006	Center for Behavioral Neuroscience Scholar, Emory University, Atlanta, GA.
2006-Current	Comparative Themes in Reproductive Diversity Post-doctoral Fellow, Indiana University, Bloomington, IN.

### GRANTS AND FUNDING

Principal Investigator: Assessing the Influence of Oxytocin on Postpartum Depression Using Brain Imaging. NIMH R21. *Pending as of Oct '08, council approved for funding (score of 142).*

Rupp, Heather A.

## RESEARCH SKILLS AND TRAINING

1. Eye tracking study design, data collection, and data analysis.
2. fMRI study design, data collection, and data analysis.
3. Menstrual cycle tracking and phased determination.
4. Human saliva collection and EIA hormone assay.
5. Nonhuman primate behavioral observation and handling.

## MEMBERSHIP IN PROFESSIONAL SOCIETIES

2001-Current	Society for Behavioral Neuroendocrinology
2006-Current	Society for the Scientific Study of Sexuality
2006-Current	Society for Neuroscience
2007-Current	International Academy for Sex Research

## REVIEWER

Hormones and Behavior  
Annual Review of Sex Research  
The Journal of Sex Research

## PUBLICATIONS

1. Rupp, H.A., James, T.W., Ketterson, E.D., Sengelaub, D.R., Erick Janssen, & Heiman, J.R. (*under review*). The Role of the Anterior Cingulate in Women's Sexual Decision Making.
2. Rupp, H.A., James, T.W., Ketterson, E.D., Sengelaub, D.R., Erick Janssen, & Heiman, J.R. (*in press*). Women's Neural Activation in Response to Masculinized versus Feminized Male Faces; Mediation by Hormones and Psychosexual Factors. *Evolution and Human Behavior*.
3. Rupp, H.A., Librach, G., Feipel, N., Ketterson, E., Sengelaub, D., & Heiman, J. (*in press*). Partner Status Influences Women's Interest in the Opposite-Sex. *Human Nature*.
4. Rupp, H.A., & Wallen, K. (*in press*). Sex-Specific Content Preferences for Visual Sexual Stimuli. *Archives of Sexual Behavior*, DOI 10.1007/s10508-008-9402-5.
5. Rupp, H.A., & Wallen, K. (2008). Sex differences in response to visual sexual stimuli: A review. *Archives of Sexual Behavior*, 37, 206-218.
6. Rupp, H.A., & Wallen, K. (2007). Relationship between testosterone and interest in sexual stimuli: The effect of experience. *Hormones and Behavior*, 52, 581-589.
7. Rupp, H.A., & Wallen, K. (2007). Sex differences in viewing sexual stimuli: An eye tracking study in men and women. *Hormones and Behavior*, 51, 524-533.

PRESENTATIONS

***Poster Presentations***

1. Indiana Neuroimaging Symposium Second Annual Meeting, Indianapolis, IN. (4/25/08). "Women's neural activation in response to masculinized versus feminized male faces: Mediation by hormones and psychosexual factors." Heather A. Rupp, Thomas W. James, Ellen D. Ketterson, Dale R. Sengelaub, Erick Janssen, & Julia R. Heiman.
2. Society for Neuroscience Annual Meeting, San Diego, CA. (11/7/07). "Menstrual cycle and partner risk modulate patterns of neural activation in women in response to photos of male faces." Rupp, H.A., James, T.W., Ketterson, E.D., Sengelaub, D.R., Janssen, E., and Heiman, J.R.
3. International Academy of Sex Research Annual Meeting, Vancouver, Canada. (8/9/07). "Menstrual cycle and partner risk modulate patterns of neural activation in women in response to photos of male faces." Heather A. Rupp, Thomas W. James, Ellen D. Ketterson, Dale R. Sengelaub, Erick Janssen, & Julia R. Heiman.
4. International Academy of Sex Research Annual Meeting, Vancouver, Canada. (8/9/07). "Effects of sex and gender role identification on the perception of male faces". Macapagal, K.R., Rupp, H.A., & Heiman, J.R.
5. Society for Behavioral Neuroendocrinology Annual Meeting, Pacific Grove, CA. (6/24/07). "Menstrual cycle phase modulates women's neural activation patterns in response to photos of male faces." Heather A. Rupp, Thomas W. James, Ellen D. Ketterson, Dale R. Sengelaub, & Julia R. Heiman.
6. Indiana Neuroimaging Symposium, Bloomington, IN. (5/14/07). "Menstrual cycle and partner risk modulate patterns of neural activation in women in response to photos of male faces." Heather A. Rupp, Ellen D. Ketterson, Thomas W. James, Dale R. Sengelaub, & Julia R. Heiman.
7. The University Consortium for Sexuality Research and Training Inaugural Conference: The Future of Sexuality Research: Methodological to Social Policy Innovations, Bloomington, Indiana. (4/10/07). "Changes in Neural Activation Across the Menstrual Cycle in Women Evaluating Men As Potential Sexual Partners; Preliminary Findings." Heather A. Rupp, Ellen D. Ketterson, Thomas W. James, Dale R. Sengelaub, & Julia R. Heiman.
8. Society for Behavioral Neuroendocrinology Annual Meeting, Pittsburgh, PA. (6/19/06). "Hormonally mediated sex differences in attention to visual sexual stimuli." Rupp, H. & Wallen, K.
9. Society for Behavioral Neuroendocrinology Annual Meeting, Austin, TX. (6/23/05). "Sex differences in attention to visual sexual stimuli." Rupp, H. & Wallen, K.
10. Center for Behavioral Neuroscience Annual Symposium, Atlanta, GA. (5/21/05). "Sex differences in activation to same and opposite sex stimuli using fMRI." Rupp, H., Herman, R., Hamann, S., & Wallen, K.
11. Society for Behavioral Neuroendocrinology Annual Meeting, Lisbon, Portugal. (7/28/04). "Sex differences in activation to same and opposite sex stimuli using fMRI." Rupp, H., Herman, R., Hamann, S., & Wallen, K.
12. Center for Behavioral Neuroscience Annual Symposium, Atlanta, GA. (5/21/04). "Sex segregation on rhesus monkey yearlings." Rupp, H., & Wallen, K.
13. Society for Behavioral Neuroendocrinology Annual Meeting, Cincinnati, OH. (6/28/03). "Sex segregation on rhesus monkey yearlings." Rupp, H., & Wallen, K.

***Oral presentations***

1. The Society for Psychophysiological Research 48<sup>th</sup> Annual Meeting, Austin, Texas. "Women's Neural Activation in Response to Potential Sexual Partners Changes Across the Menstrual Cycle". (10/2/08).

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2. Clinical Science Colloquium, Department of Psychological and Brain Sciences, Indiana University, Bloomington, IN. "Brain Imaging of Women's sexual decision-making. An influence of menstrual cycle phase and facial masculinity". (1/25/08).
3. The Society for the Scientific Study of Sexuality 50<sup>th</sup> Annual Meeting, Indianapolis, IN. "Attraction: Centrally mediated changes across the menstrual cycle". (11/9/07).
4. The Society for the Scientific Study of Sexuality 50<sup>th</sup> Annual Meeting, Indianapolis, IN. "Women, But Not Men, who have a Sexual Partner exhibit Less Interest in the Opposite Sex". (11/9/07).
5. Indiana Neuroimaging Symposium, Bloomington, IN. "Menstrual cycle and partner risk modulate patterns of neural activation in women in response to photos of male faces." (5/14/07).
6. The 14<sup>th</sup> Annual Indiana University Animal Behavior Conference, Bloomington, IN. "Menstrual cycle and partner risk modulate patterns of neural activation in women in response to photos of male faces." (4/23/07).
7. The University Consortium for Sexuality Research and Training Inaugural Conference: The Future of Sexuality Research: Methodological to Social Policy Innovations, Bloomington, Indiana. "Sex Differences in Response to Visual Sexual Stimuli: Is it All in Our Heads?" (4/10/07).
8. Clinical Science Colloquium, Department of Psychological and Brain Sciences, Indiana University, Bloomington, IN. "Sex differences in attention to visuals sexual stimuli: an eye-tracking study". (3/9/07).
9. Ecology and Evolutionary Biology Seminar, Department of Biology, Indiana University, Bloomington, IN. "Neural Correlates of Mate Choice Across the Menstrual Cycle". (1/23/07).
10. International Academy of Sex Research Annual Meeting, Amsterdam, Netherlands. "Attention to visual sexual stimuli: an eye tracking study". (7/20/06).
11. International Society for the Study of Women's Sexual Health Annual Meeting, Las Vegas, NV. "Sex differences in attention to visual sexual stimuli". (10/27/05).
12. Center for the Integrative Study of Animal Behavior, Indiana University, Bloomington, IN. "Sex differences in attention to visual sexual stimuli". (10/17/05).
13. North Carolina State University, Keck Center for Behavioral Biology Annual Symposium: "Sex differences in activation to same and opposite sex stimuli using fMRI". (2/5/05).
14. Emory University, Department of Psychology Cognition and Development Seminar, "Sex differences in attention to sexual stimuli". (2/22/05).

*Co-authored student presentations*

1. Stevenson, R.A., Stevenson, L.D., **Rupp, H.A.**, Kim,S., James, T.W. "Emotional responses to sexual words: Including sexual emotions in basic and dimensional frameworks of affect." International Academy of Sex Research 34<sup>th</sup> Annual Meeting, Leuven, Belgium. (8/2008).
2. Manuel, A.M., Macapagal, K.R., **Rupp, H.A.**, & Heiman, J.R. "Calloused sexual attitudes are associated with men's engagement in sexual risk behaviors." Association for Psychological Science Annual Meeting, Chicago,IL. (5/2008).
3. Macapagal, K.R., **Rupp, H.A.**, & Heiman, J.R. "Effects of sex and gender role identification on male face evaluation". International Academy of Sex Research 33rd Annual Meeting, Vancouver, CA. (8/2007).
4. Macapagal, K.R., **Rupp, H.A.**, & Heiman, J.R. "Hyperfeminine gender role and male facial masculinity moderates women's perception of male faces". Society for the Scientific Study of Sexuality Annual Meeting, Indianapolis, Indiana. (11/2007).

Rupp, Heather A.

## TEACHING INTERESTS

1. Behavioral Neuroendocrinology
2. Psychology of Women
3. Human Sexuality

## TEACHING EXPERIENCE

### *Courses*

1. Statistics, TA, Emory University, Spring 2002.  
Taught independent weekly section. Responsible for lecture, assignments, and grading.
2. Research Methods, TA, Emory University, Fall 2002.  
Taught independent weekly section. Responsible for lecture, syllabus, assignments, and grading.

### *Guest Lectures*

1. Women: A Psychological Perspective, P460, Undergraduate Course, Department of Psychology, Indiana University, Bloomington, IN. "Hormone Influences on Women's Neural Responses to Social Stimuli". (2/28/08).
2. Psychology of Women Seminar Graduate Course, Department of Psychology, University of Missouri, St. Louis, Missouri. "Hormone Influences on Women's Mental Health; Setting a Mood". (10/15/07).
3. Sexual Science Research Seminar Graduate Course, The Kinsey Institute, Indiana University, Bloomington, IN. "Imaging brains using fMRI". (3/22/07).
4. Techniques in Reproductive Diversity Graduate Course, Department of Biology, Indiana University, Bloomington, IN. "Imaging brains using fMRI". (10/19/06).

### *Supervision of undergraduates*

1. Undergraduate Academic Intern: Supervisor, Psychophysiology Laboratory, Indiana University, Fall 2006, Spring 2007.
2. Undergraduate Summer Student: Supervisor, Primate Behavioral Neuroendocrinology Laboratory, Emory University, Summer 2002.

## REFERENCES

- Kim Wallen, Ph.D. Emory University, Department of Psychology, [kim@indiana.edu](mailto:kim@indiana.edu)
- Julia Heiman, Ph.D., Indiana University, The Kinsey Institute, [jheiman@indiana.edu](mailto:jheiman@indiana.edu)
- Ellen Ketterson, Ph.D., Indiana University, Department of Biology, [ketterso@indiana.edu](mailto:ketterso@indiana.edu)
- Thomas James, Ph.D., Indiana University, Department of Psychological and Brain Sciences, [thwjames@indiana.edu](mailto:thwjames@indiana.edu)