

# DIANA SANTOS FLEISCHMAN PH.D.

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## CURRICULUM VITAE

### Contact Information

#### **University of Portsmouth**

Department of Psychology

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### Post-Doctoral Employment

#### **Lecturer (Assistant Professor)**

Sept. 2011 – Current     **The University of Portsmouth**

- *Conducting research on disgust, sexual behaviour, immune and hormonal biomarkers*
- *Supervising tutorials*
- *Unit coordinator: Exploring Psychology. Participating in lecturing several other courses including Biological Psychology*

#### **Post-doctoral Research Associate**

Sept. 2010 – July 2011     **The University of North Carolina, Chapel Hill**

- *Conducting a study in collaboration with Susan Girdler and David Rubinow on estrogen replacement therapy and cardiovascular and psychological health in the perimenopause*
- *Analyzing data and preparing manuscripts on abuse history, premenstrual dysphoric disorder and experimental pain sensitivity*

#### **Research Fellow**

Oct. 2009 – Jul.2010     **The London School of Hygiene & Tropical Medicine**

- *Conducted research on hand washing and disease threat using a sensor system in London*
- *Conducted research on disgust sensitivity and effective health hygiene communication*

## **Education**

2003-2009                    **The University of Texas at Austin**

*Completed Ph.D. in psychology, Advisor David Buss*

1999-2003                    **Oglethorpe University**

*Received Bachelor of Arts degree in Psychology, May 2003, Cum Laude*

2001-2002                    **The London School of Economics and Political Science**

*Completed a one year course in Psychology and Sociology*

## **Publications**

**Fleischman, D.S.**, (in press) No Evolutionist is an Island : A review of Kevin N. Laland and Gillian R. Brown (2011) Sense and Nonsense. Evolutionary perspectives of human behaviour. *Journal of Evolutionary Psychology*

**Fleischman, D.S.**, Webster, G.D., Judah, G., de Barra, M., Aunger, R. & Curtis, V. (2011) Sensor recorded changes in rates of hand washing with soap in response to the media reports of the H1N1 pandemic in Britain. *BMJ Open*, 1(2).

**Fleischman, D.S.** & Fessler, D.M.T. (2011). Progesterone's effects on measures of disease avoidance: Support for the compensatory prophylaxis hypothesis. *Hormones and Behavior*. 59, 271-275

Perilloux, C., **Fleischman, D. S.**, & Buss, D. M. (2011). Meet the parents: Parent-offspring convergence and divergence in mate preferences. *Personality and Individual Differences*. 50, 253-258

Perilloux, C., Lewis, D. M., Goetz, C. D., **Fleischman, D. S.**, Easton, J. A., Confer, J. C., & Buss, D. M. (2011). Trade-Offs, Individual Differences, and Misunderstandings about Evolutionary Psychology. *American Psychologist*. 65, 930-932 \*All authors contributed equally to this publication

**Fleischman, D.S.**, Navarrete, C. D., & Fessler, D. M. (2010). Oral contraceptives suppress ovarian hormone production. *Psychological Science*, 21(5), 750.

Confer, J. C., Easton, J. A., **Fleischman, D. S.**, Goetz, C. D., Lewis, D. M., Perilloux, C., & Buss, D. M. (2010). Evolutionary psychology: Controversies, questions, prospects, and limitations. *American Psychologist*, 65, 110-126.\* all authors contributed equally to this publication

Navarrete, C. D., Fessler, D. M., **Fleischman, D. S.**, & Geyer, J. (2009). Race bias tracks conception risk across the menstrual cycle. *Psychological Science*, 20(6), 661.

Perilloux, C., **Fleischman, D.S.** & Buss, D. M. (2008). The daughter-guarding hypothesis: Parental influence on, and emotional reactions to, offspring's mating behavior. *Evolutionary Psychology*, 6 (2): 217-233.

**Fleischman, D.S.** & Fessler, D.M.T. (2007) Differences in dietary intake as a function of sexual activity and hormonal contraception. *Journal of Evolutionary Psychology*. 5(3): 642-652

### **Papers under Review**

**Fleischman, D.S.**, Perilloux, C. & Buss, D.M. (under review) Women's Psychology of Resource-Based Opposite-Sex Friendships

**Fleischman, D.S.**, Perilloux, C. & Buss, D.M. (under review) Avoidance of contexts of sexual assault across the menstrual cycle

**Fleischman, D.S.**, Fessler, D. M. & Cholakians A.E. (under review) Testing the Affiliation Hypothesis of Homoerotic Motivation in Humans: The Effects of Progesterone and Priming. See a poster presentation of this manuscript

**Fleischman, D.S.**, Bunevicius, A. ,Leserman, J., & Girdler S.S. (under review) Menstrually Related Mood Disorders and Abuse History Modulate Physical and Emotional Pain

### **Papers in Preparation**

**Fleischman, D.S.**, Girdler S., & Leserman J. (in prep) Differential effects of progesterone on emotional sensitivity in women with and without Premenstrual Dysphoric Disorder

**Fleischman, D.S.**, Hamilton, L.D., Fessler, D.M.T & Meston C.M. (in prep) The reciprocal interaction of disgust and sexual arousal in women.

### **Published Abstracts, Presentations and Posters**

**Fleischman, D.S.**, Fessler, D. M. & Cholakians A.E. (March 2012) Testing the Affiliation Hypothesis of Homoerotic Motivation in Humans: The Effects of Progesterone and Priming. Poster presented at the 7th annual conference of the European Human Behaviour and Evolution Association (EHBEA), Durham, UK.

**Fleischman, D.S.**, Leserman J., & Girdler S.S. Sensitivity to Physical and Emotional Pain in Women with Abuse Histories. Paper presented at the 69<sup>th</sup> meeting of the American Psychosomatic Society, San Antonio, Texas. Abstract Published in *Psychosomatic Medicine*, 2011 73(3) A-130

**Fleischman, D.S.**, Hamilton, L.D., Fessler, D.M.T & Meston C.M. The Interaction of Disgust and Sexual Arousal in Women: Competition Between Mating and Disease Avoidance Motivations. Paper presented at the 22<sup>nd</sup> annual Human Behavior and Evolution Society Conference, Eugene, OR.

**Fleischman, D.S.**, de Barra, M., Fessler, D.M.T. & Curtis V. (March 2010) Time awake influences disgust sensitivity: support for the compensatory behavioral prophylaxis hypothesis. Paper presented at the 5<sup>th</sup> European Human Behavior and Evolution Association, Wroclaw, Poland.

**Fleischman, D.S.** & Fessler, D.M.T. (May 2009) Progesterone Effects on Women's Psychology: Support for the Compensatory Prophylaxis Hypothesis. Paper presented at the 21st Annual Human Behavior and Evolution Society Conference, Fullerton, CA.

Perilloux, C., Easton, J. E., **Fleischman, D. S.**, & Buss, D. M. (May 2009). Which Women are Targets of Men's Sexual Over-Perception Bias? Poster presented at the 21st annual Human Behavior and Evolution Society Conference, Fullerton, CA.

**Fleischman, D.S.** & Fessler, D.M.T. (Feb 2009) Progesterone Effects on Women's Psychology: Support for the Compensatory Prophylaxis Hypothesis. Poster presented at the 7th annual SPSP Evolutionary Psychology Pre-Conference, Tampa, FL.

Perilloux, C., Easton, J. E., **Fleischman, D. S.**, & Buss, D. M. (Feb 2009). Individual differences in the sexual overperception bias (SOPB). Poster presented at the 7th annual SPSP Evolutionary Psychology Pre-Conference, Tampa, FL.

**Fleischman, D.S.** & Fessler, D.M.T. (July 2008) Progesterone Effects on Women's Psychology: Support for the Compensatory Prophylaxis Hypothesis. Poster presented at the 12th Annual Meeting of the Society for Behavioral Neuroendocrinology

Perilloux, C., **Fleischman, D.S.** & Buss, D. M. (Feb 2008). Parental Preferences for Ideal Mates of their Daughters and Sons: Points of Convergence and Divergence. Poster presented at the 9th Annual Meeting of the Society for Personality and Social Psychology, Albuquerque, NM.

**Fleischman, D.S.**, Perilloux, C. & Buss, D. M. (Sept. 2007). Avoidance of Sexual Coercion during the Fertile Window. Paper presented at the Area meeting of Social Psychology, Austin, TX.

Perilloux, C., **Fleischman, D.S.** & Buss, D. M. (June 2007). The Daughter-Guarding Hypothesis: Parental Influence on Children's Mating Behavior. Paper presented at the 19th annual conference of the Human Behavior and Evolution Society, Williamsburg, VA.

**Fleischman, D.S.**, Perilloux, C. & Buss, D. M. (June 2007). Avoidance of Sexual Coercion during the Fertile Window. Paper presented at the 19th annual conference of the Human Behavior and Evolution Society, Williamsburg, VA.

**Fleischman, D.S.** & Fessler, D.M.T. (June 2007). Differences in Meat Consumption as a Function of Sexual Activity and Hormonal Contraception. Poster presented at the 19th annual conference of the Human Behavior and Evolution Society, Williamsburg, VA.

Perilloux, C., **Fleischman, D.S.** & Buss, D. M. (2007). The Daughter-Guarding Hypothesis: Parental Influence on Children's Mating Behavior. Paper presented at the 19th annual conference of the Human Behavior and Evolution Society, Williamsburg, VA.

**Fleischman, D. S.**, & Fessler, D. M. (June 2006). Luteal phase and progesterin effects on OCD measures and disgust sensitivity. Paper presented at the 18<sup>th</sup> annual conference of the Human Behavior and Evolution Society Conference, Philadelphia, PA.

**Fleischman, D.S.** (June 2005) Dietary Changes across the Menstrual Cycle. Paper Presented to the 17<sup>th</sup> annual conference of the Human Behavior and Evolution Society, Austin, TX

**Fleischman, D.S.** (May 2002) Human Ability to Recognize Emotional Expressions in the Common Chimpanzee. Poster Presented at Oglethorpe University meeting of PSI CHI

## **Teaching, Tutoring and Mentoring Experience**

**Instructor:** Introduction to Psychology  
Taught 30 undergraduates a 3 month summer course

**Tutor:** Led tutorials for two groups of undergraduate students. Discussed articles, coursework, personal development and academic growth.

**Lab Instructor:** Was solely responsible for a two hour lab and two hours of advising every week with 20 undergraduate psychology students. Taught students how to execute their own empirical projects from scratch including hypothesis formulation, data analysis and manuscript preparation

**Teaching Assistant:** The Psychology of Sex, Evolutionary Psychology, The Psychology of Human Mating, Introduction to Psychology. For each class I gave lectures on areas of my expertise (e.g. menstrual cycle, disgust)

**Mentor:** Supervised two undergraduate honors projects and over twenty research assistants. With my guidance, four of my former research assistants have gone on to pursue advanced degrees in psychology.

### **Awards and Honors**

2008-2009 University of Texas at Austin Endowed Graduate School Fellowship  
Sept. 2008 American Association of University Women: Doctoral Dissertation Fellowship  
April 2008 Ford Foundation Diversity Fellowship: Honorable Mention  
July 2008 Society for Behavioral Neuroendocrinology Travel Award  
2003-2004 University of Texas at Austin Preemptive Recruitment Fellowship  
1999-2003 Hope Scholarship  
1999-2003 Oglethorpe Scholars Award

### **Reviewer Experience**

Ad Hoc Reviewer for *Emotion*

Ad Hoc Reviewer for *Evolution and Human Behavior*

Ad Hoc Reviewer for *Hormones and Behavior*

Ad Hoc Reviewer for *Journal of Evolutionary Psychology*

Ad Hoc Reviewer for *Personality and Individual Differences*

Ad Hoc Reviewer for *Psychoneuroendocrinology*

Ad Hoc Reviewer for *Scandinavian Journal of Psychology*

## **References**

### **David M. Buss Ph.D.**

Professor, Head of Individual Differences and Evolutionary Psychology

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### **Daniel M. T. Fessler Ph.D.**

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### **Susan S. Girdler, Ph.D.**

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