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## Education

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University of California, Los Angeles (UCLA)

Ph.D. in Psychology, expected June 2013

Major Area: Social Psychology      Minor Area: Health Psychology

Dissertation: *Neural Predictors of Inflammatory Responses to Social Stress*

Dissertation Committee: Naomi I. Eisenberger (Chair); Shelley E. Taylor; Julienne E. Bower; Michael R. Irwin; Teresa Seeman

Master of Arts in Psychology, 2009

Master's Thesis: *The Impact of Social Status on Decision Making*

Advisors: Naomi I. Eisenberger (primary), Shelley E. Taylor (secondary)

University of Oregon

Bachelor of Arts in Psychology with Departmental Honors, 2006

Honors Thesis: *Stressful Life Events, Chronic Difficulties, and Symptoms of Clinical Depression*

Advisor: Scott M. Monroe

Bachelor of Arts in Spanish with Departmental Honors, 2006

Honors Thesis: *La Causa y La Razón por que Escribían: Uso y Abusos de la Fuente Poética en la Revista Garcilaso (1943-1946)*

Advisor: Leah Middlebrook

Minor in Chemistry

## Grants and Fellowships

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2009 - 2012	Graduate Research Fellowship, National Science Foundation
2010 - 2011	Pre-Doctoral Fellowship, "Biobehavioral Aspects of Physical and Mental Health" NIMH Training Grant T32 MH015750-31A1
2009	Graduate Summer Research Mentorship Fellowship, UCLA Graduate Division
2008 - 2009	UCLA Graduate Fellowship, UCLA Department of Psychology

## Honors and Awards

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2012	American Psychosomatic Society Citation Poster Award
2011	Western Psychological Association Robert L. Solso Research Award
2011	American Psychosomatic Society Travel Award for MacLean Scholars
2011	American Psychosomatic Society Citation Poster Award
2011	UCLA Graduate Division Quality of Education Travel Grant
2010	American Psychosomatic Society Citation Poster Award

2010	Society for Personality and Social Psychology Conference Travel Award
2010	UCLA Graduate Division Quality of Education Travel Grant
2006	Inductee, Phi Beta Kappa, University of Oregon Alpha Chapter
2006	Psychology Departmental Honors, University of Oregon
2006	Romance Languages Departmental Honors, University of Oregon
2005	Inductee, Psi Chi, The National Honor Society in Psychology, University of Oregon Chapter
2003 – 2006	Presidential Scholarship, University of Oregon

## Publications

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- Muscatell, K. A.**, & Eisenberger, N. I. (2012). A social neuroscience perspective on stress and health. *Social and Personality Psychology Compass*, *6*, 890-904.
- Muscatell, K. A.**, Morelli, S. A., Falk, E. B., Way, B. M., Pfeifer, J. H., Galinsky, A. D., Lieberman, M. D., Dapretto, M., & Eisenberger, N. I. (2012). Social status modulates neural activity in the mentalizing network. *NeuroImage*, *60*, 1771-1777.
- Inagaki, T. K., **Muscatell, K. A.**, Cole, S. W., Irwin, M. R., & Eisenberger, N. I. (2012). Inflammation selectively enhances amygdala activity to socially threatening images. *NeuroImage*, *59*, 3222-3226.
- Eisenberger, N. I., Inagaki, T. K., **Muscatell, K. A.**, Haltom, K. E. B., & Leary, M. R. (2011). The neural sociometer: Brain mechanisms underlying state self-esteem. *Journal of Cognitive Neuroscience*, *23*, 3448-3445.
- Murray, B. D., **Muscatell, K. A.**, & Kensinger, E. A. (2011). Effects of emotion and age on performance during a think/no-think memory task. *Psychology & Aging*, *26*, 940-955.
- Eisenberger, N. I. & **Muscatell, K. A.** (2010). The pleasures and pains of social interactions: A social cognitive neuroscience perspective. In S. Kosslyn & K. Oschner (Eds.), *Oxford Handbook of Cognitive Neuroscience*. New York, NY: Oxford University Press.
- Muscatell, K. A.**, Addis, D. R., & Kensinger, E. A. (2010). Self-involvement modulates the effective connectivity of the autobiographical memory network. *Social Cognitive and Affective Neuroscience*, *5*, 68-76.
- Mickley, K. R., **Muscatell, K. A.**, & Kensinger, E. A. (2010). The effect of valence on young and older adults' attention in a rapid serial visual presentation task. *Psychology and Aging*, *25*, 239-245.
- Addis, D. R., Leclerc, C. M., **Muscatell, K. A.**, & Kensinger, E. A. (2010). There are age-related changes in neural connectivity during the successful encoding of positive, but not negative, information. *Cortex*, *46*, 425-433.
- Muscatell, K. A.**, Slavich, G. M., Monroe, S. M., & Gotlib, I. H. (2009). Stressful life events, chronic difficulties, and symptoms of clinical depression. *Journal of Nervous and Mental Disease*, *197*, 154-160.

## Manuscripts in Preparation

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- Muscattell, K. A.**, Dedovic, K., Jarcho, M. R., Slavich, G. M., Bower, J. E., Irwin, M. R., & Eisenberger, N. I. *Neural activity in medial prefrontal cortex predicts inflammatory responses to social evaluation*. Manuscript in preparation.
- Muscattell, K. A.**, Jarcho, M. R., Dedovic, K., Slavich, G. M., Irwin, M. R., Cole, S. W., & Eisenberger, N. I. *Exposure to social evaluation leads to changes in inflammatory gene expression*. Manuscript in preparation.
- Muscattell, K. A.**, Inagaki, T. K., & Eisenberger, N. I. *Neural sensitivity to rejection and subsequent reward: Implications for health behaviors*. Manuscript in preparation.
- Muscattell, K. A.**, Inagaki, T. K., Jevtic, I., Irwin, M. R., & Eisenberger, N. I. *Inflammation leads to changes in perceptions of social status*. Manuscript in preparation.
- Grijalva, C., **Muscattell, K. A.**, & Inagaki, T. K. *Neurobiology of Pro-Social Behavior*. Manuscript in preparation for publication in *The Handbook of Pro-Social Behavior*.

## Published Conference Abstracts

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- Muscattell, K. A.**, Way, B. M., Eisenberger, N. I., Pfeifer, J. H., & Dapretto, M. (2009). Perceived familial social status modulates the neural response to viewing emotional facial expressions in adolescents. *Psychosomatic Medicine*, 71, A30.
- Mickley, K. R., **Muscattell, K. A.**, & Kensinger, E. A. (2007). Using the RSVP paradigm to investigate the processes contributing to emotional memory. *Brain and Cognition*.

## Conference Presentations

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- Kodchian, P., **Muscattell, K. A.**, & Eisenberger, N. I. *Does early childhood environment affect strategies for coping with stress?* Poster presented at the Annual Meeting of the UCLA Psychology Undergraduate Research Conference, Los Angeles, CA, 2012.
- Kodchian, P., **Muscattell, K. A.**, & Eisenberger, N. I. *Early risky family environment predicts strategies for coping with stress*. Poster presented at the Annual Meeting of the Stanford Undergraduate Psychology Conference, Stanford, CA, 2012.
- Muscattell, K. A.**, Inagaki, T. K., & Eisenberger, N. I. *Neural activation during rejection and reward: Implications for health behaviors*. Symposium talk at the Annual Meeting of the Western Psychological Association, San Francisco, CA, 2012.
- Inagaki, T. K., **Muscattell, K. A.**, & Eisenberger, N. I. *Inflammation selectively enhances amygdala activity to socially threatening images*. Symposium talk at the Annual Meeting of the Western Psychological Association, San Francisco, CA, 2012.
- Muscattell, K. A.**, Inagaki, T. K., & Eisenberger, N. I. *Neural responses to social rejection and subsequent reward: Implications for stress-related health behaviors*. Citation Poster presented at the Annual Meeting of the American Psychosomatic Society, Athens, Greece, 2012.
- Muscattell, K. A.**, Morelli, S. A., Falk, E. B., Way, B. M., Pfeifer, J. H., Lieberman, M. D., Dapretto, M., & Eisenberger, N. I. *Neurocognitive correlates of social status: Implications for health*. Data Blitz

presentation at the Social Personality and Health Pre-Conference of the Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA, 2012.

- Muscatell, K. A.,** Way, B. M., Pfeifer, J. H., Dapretto, M., & Eisenberger, N. I. *Adolescent socioeconomic status modulates neural responses to social threat.* Poster presented at the Arthur M. Sackler Colloquium of the National Academy of Sciences, Irvine, CA, 2011.
- Muscatell, K. A.,** Falk, E. B., Morelli, S. A., Way, B. M., Pfeifer, J. H., Lieberman, M. D., Dapretto, M., & Eisenberger, N. I. *Social status modulates neural activity in the mentalizing network.* Symposium talk at the Annual Meeting of the Western Psychological Association, Los Angeles, CA, 2011.
- Muscatell, K. A.,** Falk, E. B., Morelli, S. A., Way, B. M., Pfeifer, J. H., Lieberman, M. D., Dapretto, M., & Eisenberger, N. I. *Social status influences neural activity in medial prefrontal cortex and amygdala.* Citation Poster presented at the Annual Meeting of the American Psychosomatic Society, San Antonio, TX, 2011.
- Muscatell, K. A.,** Falk, E. B., Morelli, S. A., Way, B. M., Pfeifer, J. H., Lieberman, M. D., Dapretto, M., & Eisenberger, N. I. *Social status modulates neural activity in the mentalizing network.* Poster presented at the Annual Meeting of the Society for Personality and Social Psychology, San Antonio, TX, 2011.
- Muscatell, K. A.,** Falk, E. B., Morelli, S. A., Way, B. M., Pfeifer, J. H., Lieberman, M. D., Dapretto, M., & Eisenberger, N. I. *Social status modulates neural activity during perspective-taking.* Poster presented at the Annual Meeting of the Social & Affective Neuroscience Society, Chicago, IL, 2010.
- Muscatell, K. A.,** Way, B. M., Eisenberger, N. I., Pfeifer, J. H., & Dapretto, M. *Distinct neural correlates of subjective and objective socioeconomic status in adolescents.* Poster presented at the Annual Meeting of the American Psychosomatic Society, Portland, OR, 2010.
- Muscatell, K. A.,** Way, B. M., Eisenberger, N. I., Pfeifer, J. H., & Dapretto, M. *Perceived familial social status modulates the neural response to viewing emotional facial expressions in adolescents.* Poster presented at the Annual Meeting for the Society for Personality and Social Psychology, Las Vegas, NV, 2010.
- Muscatell, K. A.,** Way, B. M., Eisenberger, N. I., Pfeifer, J. H., & Dapretto, M. *Perceived familial social status modulates the neural response to viewing emotional facial expressions in adolescents.* Poster presented at the Annual Meeting of the Social and Affective Neuroscience Society, New York, NY, 2009.
- Muscatell, K. A.,** & Kensinger, E. A. *Event uncertainty leads to more accurate, but not more detailed, emotional memory.* Poster presented at the Annual Meeting of the Society for Personality and Social Psychology, Tampa, FL, 2009.
- Muscatell, K. A.,** Addis, D. R., & Kensinger, E. A. *Personal involvement modulates the effective connectivity of the autobiographical memory network.* Poster presented at the Annual Meeting of the Social and Affective Neuroscience Society, Boston, MA, 2008.
- Muscatell, K. A.,** Murray, B., Schmidt, K. J., & Kensinger, E. A. *Memory suppression across the adult lifespan.* Poster presented at the Annual Meeting of the Eastern Psychological Association, Boston, MA, 2008.
- Muscatell, K. A.,** & Kensinger, E. A. *Emotion and extent of personal involvement modulate the neural retrieval of autobiographical memories.* Poster presented at the Annual Meeting of the Society for Neuroscience, San Deigo, CA, 2007.

- Muscatell, K. A.**, & Kensinger, E. A. *Effect of emotional content on working memory*. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, New York, NY, 2007.
- Brown, C. M., **Muscatell, K. A.**, & Kensinger, E. A. *How emotion influences hockey players' memories of game details*. Poster presented at the annual Boston College Department of Psychology Undergraduate Research Fair, Chestnut Hill, MA, 2007.
- Stice, E., Abdullaev, Y., **Muscatell, K. A.**, Bohon, C., & Posner, M. I. *Neural substrates of imagined food intake in overweight and healthy weight adolescent girls: Evidence of heightened reward sensitivity*. Paper presented at the International Conference on Eating Disorders, Baltimore, MD, 2007.
- Stice, E., Abdullaev, Y., **Muscatell, K. A.**, Bohon, C., & Scott, G. D. *Neural substrates of inhibiting responses to food: A preliminary fMRI study of adolescent girls*. Poster presented at the International Conference on Eating Disorders, Baltimore, MD, 2007.
- Stice, E., Abdullaev, Y., **Muscatell, K. A.**, Bohon, C., & Small, D. *Neural evidence for increased incentive salience to anticipated food intake in dieting adolescents*. Poster presented at the International Conference on Eating Disorders, Baltimore, MD, 2007.
- Mickley, K. R., **Muscatell, K. A.**, & Kensinger, E. A. *Using the RSVP paradigm to investigate the processes contributing to emotional memory*. Poster presented at the Annual Rotman Research Institute Conference, Toronto, Ontario, 2007.
- Muscatell, K. A.**, Stice, E., & Abdullaev, Y. *Neural substrates of dieting in adolescent girls*. Paper presented at the Annual Stanford Undergraduate Psychology Conference, Palo Alto, CA, 2006.
- Muscatell, K. A.**, Slavich, G. M., & Monroe, S. M. *Chronic stress, acute stress, and symptoms of clinical depression*. Poster presented at the University of Oregon Undergraduate Honors Research Meeting, Eugene, OR, 2006.
- Muscatell, K. A.**, Slavich, G. M., & Simons, A. D. *Perceived criticism in depressed adolescents: Descriptive features and implications for treatment*. Paper presented at Annual Convention of the Western Psychological Association, Palm Springs, CA, 2006.
- Bohon, C., **Muscatell, K. A.**, Burton, E., & Stice, E. *Maintenance factors for persistence of bulimic pathology: A community-based natural history study*. Poster presented at the Annual Meeting of the Eating Disorder Research Society, Toronto, Ontario, 2005.
- Muscatell, K. A.**, Slavich, G. M., Torres, L. D., Monroe, S. M., & Gotlib, I. H. *Stressful life events, chronic difficulties, and the severity of clinical depression*. Paper presented at the Annual Convention of the Western Psychological Association, Portland, OR, 2005.

## Research Positions

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| 2010- present | Graduate Student Researcher, NIMH Grant R01 CA140933-03, "Biobehavioral Influences and the Ovarian Tumor Microenvironment." PIs: George Slavich, Ph.D. and Susan Lutgendorf, Ph.D. |
| 2009 – 2011   | Graduate Student Researcher, NIMH Grant R01 MH091352-02, "Inflammation-Induced Depressed Mood: The Role of Social Neurocognitive Mechanisms." PI: Naomi Eisenberger, Ph.D.         |
| 2006 – 2008   | Laboratory Manager, Cognitive and Affective Neuroscience Laboratory, Boston College. Supervisor: Elizabeth Kensinger, Ph.D.  |

- 2005 – 2006 Project Coordinator, Neuroimaging of Dieters Study, Oregon Research Institute, Eugene, OR. Supervisor: Eric Stice, Ph.D.
- 2005 – 2006 Research Assistant, Treatment of Adolescents with Depression Study (TADS), University of Oregon. Supervisor: Anne Simons, Ph.D.
- 2004 – 2006 Research Assistant, University of Oregon Life Stress and Depression Laboratory. Supervisor: Scott M. Monroe, Ph.D.

## Professional Service

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- Ad-Hoc Reviewer for: *Biological Psychiatry*  
*Brain, Behavior, and Immunity*  
*Cognition and Emotion*  
*Human Brain Mapping*  
*Journal of Abnormal Psychology*  
*Journal of Affective Disorders*  
*Proceedings of the National Academy of Sciences (PNAS)*  
*Psychological Review*  
*Psychological Science*  
*Social Cognitive and Affective Neuroscience*  
*Women and Health*
- 2011 - 2012 Co-President, UCLA *Psychology in Action*
- 2011 UCLA Graduate Student Representative, Graduate Student Research Advocacy Day, California State Assembly, Sacramento, CA
- 2010 - 2011 Outreach Coordinator, UCLA *Psychology in Action*
- 2009 - 2010 Meeting Coordinator, Genes & Environment: Finding the Missing Heritability of Complex Traits conference at Stanford University
- 2009 - 2010 Social Psychology Area Student Representative, UCLA
- 2005 - 2007 Director of Communications, Western Psychological Association Student Council

## Graduate Training

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### Seminars:

Social Psychology (Shelley Taylor & Anne Peplau), Interpersonal Relationships (Benjamin Karney), Emotion (Naomi Eisenberger), Health Psychology (Chris Dunkel Schetter), Psychoneuroimmunology (Julienne Bower), Stress and Disease (Hector Myers & Carlos Grijalva), Social Neuroscience (Shelley Taylor),

### Quantitative Training:

Advanced Psychological Statistics (Hongjing Lu), Advanced Regression Analysis (Jennifer Krull), Advanced Statistical Methods in Analysis of Functional MRI Data (Rajesh Nandy), Multilevel Modeling (Jennifer Krull)

### Methodological Training:

Research Methods in Social Psychology (Yuen Huo), Biomarker Assessment in Behavioral and Population Research (Ted Robles), Computational Methods in fMRI (Martin Monti), Aging and Psychobiological Networks in the Endocrine, Immune and Autonomic Nervous Systems: A Primer for the Next Generation of Researchers (UCSF Faculty)

## Teaching Positions

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- 2013 Teaching Assistant, Introduction to Health Psychology, University of California, Los Angeles. Instructor: Janet Tomiyama, Ph.D.
- 2011 Teaching Assistant, Introduction to Health Psychology, University of California, Los Angeles. Instructor: Annette Stanton, Ph.D.
- 2010 Teaching Assistant, Psychobiology of Stress and Bodily Disease, University of California, Los Angeles. Instructor: Carlos Grijalva, Ph.D.
- 2006 Grader/Guest Lecturer, Statistical Methods in Psychology, University of Oregon. Instructor: Stephan Dickert, M.S.

## Mentorship

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- 2011-present Patil Kodchian, UCLA Psychology Research Opportunities Program  
Christie Fung, UCLA Psychology Department Research Assistantship in Psychology  
Becky Phan, UCLA Psychology Department Research Assistantship in Psychology
- 2011-2012 Joyce Gorman, UCLA Psychology Department Research Assistantship in Psychology (now a research assistant at Harvard University)  
Ashley Guzman, UCLA Psychology Department Research Assistantship in Psychology  
Shizue Reid, UCLA Psychology Department Research Assistantship in Psychology  
Evelyn Ho, UCLA Psychology Department Research Assistantship in Psychology  
Stephanie Chan, UCLA Psychology Department Research Assistantship in Psychology
- 2010-2012 Ivana Jevtic, UCLA Psychology Department Research Assistantship in Psychology (now a project coordinator at UCLA)
- 2009-2010 Ivy Onyeador, UCLA Summer Program for Undergraduate Research, sponsored by the Alliance for Graduate Education and the Professoriate (now a graduate student at UCLA)