

Kimberly L. D'Anna-Hernandez, Ph.D
Assistant Professor
Dept of Psychology, SBSB 3229
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EDUCATION

Michigan State University, *East Lansing, MI*
B.S., Zoology, Animal Behavior/Neurobiology, May 2003
Formal specialization in Chicano/Latino Studies

University of Wisconsin-Madison, *Madison, WI*
Ph.D. Zoology, Behavioral Neuroscience, May 2008
Doctoral Thesis: *The underlying neuromechanisms of maternal defense behavior in Mus musculus*
(Dr. Stephen Gammie, PhD, advisor)

PROFESSIONAL POSITIONS

Assistant Professor, California State University San Marcos **2011-present**
Department of Psychology
Research: Translational developmental neuroscience research in both human and mouse models focused on the hormonal effects of stress in the perinatal period on maternal depression, adverse perinatal outcomes and early child development

Postdoctoral Fellow, University of Colorado Denver **2008-2011**
Department of Psychiatry
Research: The influence of acculturation and maternal hypothalamic pituitary adrenal-axis functioning (as measured by cortisol) on maternal depression, adverse perinatal outcomes and early child development
(Drs. Randy Ross and Mark Laudenslager, co-advisors)

Graduate Research Assistantship **2003-2008**
University of Wisconsin-Madison, Department of Zoology
Research: The influence of central stress/anxiety and arousal systems on maternal defense behavior in mice and potential targets for maternal behavior neurocircuitry
(Dr. Stephen Gammie, advisor)

FELLOWSHIPS

2010 Developmental Psychobiology Research Group Postdoctoral Fellow, University of Colorado Denver
2008 National Science Foundation Minority Postdoctoral Research Fellow

2007 Ford Foundation Dissertation Fellowship
2006 Diversity Program in Neuroscience Pre-Doctoral Fellowship, American Psychological Association
2006 Business Forum Scholarship, Dane County Women's Business Forum
2003 Advanced Opportunity Fellowship, University of Wisconsin

HONORS

2014 American Association of Hispanics in Higher Education Faculty Fellow
2013 Perinatal Mental Health Meeting Travel Scholar Awardee
2013 PRIDE: Investing in America's Future: Mentoring Researchers in Latino Health Disparities mentee
2011 Trainee Award, Psychoneuroimmunology Research Society
2010 Department of Psychiatry Poster Session Winner, University of Colorado Denver
2008 Society for the Advancement of Chicano and Native American Scientists Travel Scholarship
2008 American Association of Hispanics in Higher Education Graduate Fellow
2007 Young Investigator Award, Workshop on Steroid Hormones and Brain Function
2005 Women in Neuroscience Student Travel Award, Neuroscience Conference
2005 Young Investigator Travel Award, Winter Neuropeptide Conference

TRAINING

Faculty Fellow Participant, San Diego State University
PRIDE Summer Institute

Summer 2013-2014

Faculty Participant in NIH/NHLBI R25 Programs to Increase Diversity among Individuals Engaged in Health-Related Research (PRIDE) Summer Institute on Mentoring Researchers in Latino Health Disparities at San Diego State University, San Diego, California 2013 – 2014. Training focused around research methods and design, as well as scientific and grant writing related to health disparities in Latinos. (PIs: J Elder & G Talavera)

ACTIVE RESEARCH SUPPORT

National Institute of Health
Academic Research Enhancement Award (AREA) (R15)
Acculturation, mood and stress response in Mexican-American mother-infant dyads
Role: PI
Awarded: 12/2013-12/2016
(These funds will examine the association between cultural factors and increased risk for mental health during pregnancy, as well as evaluate the effect of acculturation on increased stress vulnerability in neonates in the US Mexican population)

University Professional Development Grant
California State University San Marcos

Postnatal Interactions of Stress and Arousal Peptide Systems May Influence Maternal Defense Behavior in Mice

Role: PI

Award Period: 6/2014-5/2015

(These funds will investigate the role of the neuropeptide hypocretin/orexin (HCRT/OX) in the maternal defense behavior in mice and corresponding changes in neuronal activation)

COMPLETED RESEARCH SUPPORT

University Professional Development Grant

California State University San Marcos

Postnatal alterations of the hypocretin/orexin system may influence depressive behavior

Role: PI

Award Period: 6/2013-5/2014

(These funds will investigate the role of the neuropeptide hypocretin/orexin (HCRT/OX) in the performance and motivation of maternal behavior in mice)

University Professional Development Grant

California State University San Marcos

Research training in a marker for early infant brain development methodology and statistical analysis

Role: PI

Award Period: 6/2012-5/2013

(These funds will provide training for a larger research project to determine if the effect prenatal maternal cortisol associated with maternal stressors is reflected in infant P50, early marker of brain activity)

Grant Proposal Seed Money

California State University San Marcos

Postnatal Alterations of the Hypocretin/orexin System May Influence Depressive Behavior

Role: PI

Award Period: 1/2012-12/2012

(This is a study investigating the role of the arousal-related neuropeptide hypocretin/orexin on depressive behavior in the postpartum period in mice)

National Association for Research on Schizophrenia and Depression (NARSAD)

Young Investigator Award

Maternal cortisol as markers of prenatal stress on P50 auditory sensory gating in infants

Role: Principal Investigator

Award Period: 1/2011-6/2014

(This is a study investigating the relationship between prenatal stress via measures of prenatal maternal acute and chronic cortisol exposure and determine which is more closely related to an early marker of brain development and functioning, the P50 auditory gating paradigm, related to risk for schizophrenia)

Newborn Hope, Inc.

Fetal adrenal size as a marker of preterm birth

Role: Co-investigator

Award Period: 1/2011-12/2011

(This is a study investigating an early marker of an increased risk of preterm birth, fetal adrenal size as measured by ultrasound)

Colorado Clinical and Translational Sciences Institute

Child Maternal Health Award

Hair cortisol has a biomarker of chronic stress in pregnant women

Role: Co-investigator

Awarded: 1/2011-1/2013

(This is a study investigating the relationship between maternal-fetal stress systems via maternal and fetal hair cortisol and fetal adrenal gland imaging as markers of perinatal stress)

University of Colorado Denver

Developmental Psychobiology Endowment Fund recipient

Hair cortisol has a biomarker of chronic stress in pregnant women

Role: Co-investigator

Awarded: 2/2009

(This is a pilot study for a developing a novel measurement of cortisol in hair)

PUBLISHED MANUSCRIPTS (*-denotes work with trainee coauthors)

1. **D'Anna-Hernandez, KL**, Aleman, B, Flores, AM. (2014) Acculturative stress, but not acculturation, predicts maternal depression in Mexican-American women during pregnancy. *Journal of Affective Disorders* : in press.
2. **D'Anna, KL**, Hunter, SK, Zerbe, GO and Ross, RG (2013). Paternal substance abuse disorders worsen the trajectory of maternal depressive symptoms during the first year postpartum, *Mental Illness*: 5:e1.
3. *Hunter SK, Mendoza JH, **D'Anna K**, Zerbe G, McCarthy L, Hoffman C, Freedman R, Ross RG (2012). Antidepressants may mitigate the effects of prenatal maternal anxiety on infant auditory sensory gating. *American Journal of Psychiatry*: 169(6): 616-624.
4. **D'Anna-Hernandez, KL**, Hoffman , MC, Coussons-Read, ME, Laudenslager, ML, and Ross, RG. (2012). Maternal blunted cortisol slope during pregnancy is associated with acculturation and low infant birth weight in US Mexican women, *Psychosomatic Medicine*: 74(3):296-304
5. *Coussons-Read, ME, Lobel, MJ, Carey, JC, Kreither, MO, **D'Anna**, KL, Argys, L., Ross, RG, Brandt, C, Cole, S. (2012). The occurrence of preterm delivery is linked to pregnancy-specific distress and elevated inflammatory markers across gestation. *Brain Behavior and Immunity*: 26(4): 650-659.
6. **D'Anna-Hernandez, KL**, Ross, RG, Natvig CL, and Laudenslager, MLL. (2011). Hair cortisol levels as a marker of stress during pregnancy: Comparison to salivary cortisol, *Physiology and Behavior*. 104(2): 348-353.

7. Gammie SC, **D'Anna KL**, Gerstein H, Stevenson SA. (2009). Neurotensin inversely modulates maternal aggression. *Neuroscience*. 158(4): 1215-23.
8. **D'Anna KL** and Gammie SC. (2009). Activation of corticotropin-releasing factor receptor 2 in lateral septum negatively regulates maternal defense. *Behavioral Neuroscience*. 123(2): 356-68.
9. **D'Anna KL**, Stevenson SA, Gammie SC. (2008). [Maternal profiling of corticotropin-releasing factor receptor 2 deficient mice in association with restraint stress](#). *Brain Research*. 1241: 110-21.
- 10.*Gammie SC, Edelmann MN, Mandel-Brehm C, **D'Anna KL**, Auger AP, Stevenson SA. (2008). [Altered dopamine signaling in naturally occurring maternal neglect](#). *PLoS ONE*. 3(4): e1974.
- 11.**D'Anna KL** and Gammie SC. (2006). Hypocretin-1 dose-dependently modulates maternal behaviour in mice. *Journal of Neuroendocrinology*. 18(8):553-66.
- 12.**D'Anna, KL.**, Stevenson, SA and Gammie, SC. (2005). Urocortin 1 and Urocortin 3 impair maternal defense behavior in mice. *Behavioral Neuroscience*, 119(4):1061-71.
- 13.Gammie SC, Hasen NS, Stevenson SA, Bale TL, **D'Anna, KL**. (2005). Elevated stress sensitivity in corticotropin-releasing factor receptor 2 deficient mice decreases maternal, but not intermale aggression. *Behavioural Brain Research*, 160(1):169-77.

SUBMITTED MANUSCRIPTS

***D'Anna-Hernandez, KL**, Garcia, E, Hoffman, MC, Ross, RG, and Laudenslager, ML. Alterations in sleep patterns lead to adverse birth outcomes in Mexican-American women. Submitted to *Maternal and Child Health*

MANUSCRIPTS IN PREPARATION (*-denotes work with trainee coauthors)

D'Anna-Hernandez, KL, Hoffman , MC, Coussons-Read, ME, Laudenslager, ML, and Ross, RG. Interactions between cortisol, proinflammatory cytokines and maternal depressive symptoms during pregnancy.

BOOK CHAPTERS

Gammie, SC, **D'Anna, KL**, Lee, G, Stevenson, SA. 2008. Role of Corticotropin releasing factor-related peptides in the neural regulation of maternal defense. In R.S. Bridges (Eds.), *Neurobiology of Parental Brain*. Elsevier. 101-114

BOOK REVIEWS

D'Anna-Hernandez, KL. (2013). The Oxford Handbook of Psychoneuroimmunology Book Review. *Brain, Behavior and Immunity*, 30: 195-197.

INVITED PRESENTATIONS

Acculturative stress impacts maternal depressive symptoms and maternal cortisol in Mexican-American women during pregnancy (2015, April). To be presented at the Anxiety and Depression Conference, Miami, FL.

Cultural stressors influence prenatal maternal cortisol and mental health with consequences for infant outcomes in the Mexican mother-child dyad (2014, November). Presented at the 142nd American Public Health Association Annual Meeting and Exposition, New Orleans, LA.

Cultural stressors influence prenatal cortisol and subsequent infant stress reactivity in the Mexican mother-child dyad (2014, March). Presented at the 72st Annual American Psychosomatic Medicine Conference, San Francisco, CA.

The role of cultural values and acculturation on stress, mood and cortisol in pregnant women of Mexican descent (2013, November). Presented at the Perinatal Mental Health Meeting, Chicago, IL

Interactions between maternal experience and hypocretin neurotransmission affect depressive-like behavior in lactating mice (2013, November). Presented at the Perinatal Mental Health Meeting, Chicago, IL

Cortisol, acculturation, stress, mood and the protective role of cultural values in pregnant women of Mexican descent (2013, March). Presented at the 71st Annual American Psychosomatic Medicine Conference, Miami, FL.

The neuroendocrine regulation of maternal behavior. (2012, October). Presented at Cal State San Marcos, Office of Research, Education, Training Seminar Series, San Marcos, CA

Workshop on mentoring research students. (2012, October). Presented at the Annual Society for the Advancement for Chicano and Native American Scientist National Conference. San Jose, CA.

Interactions between the HPA-axis and immune system predict maternal depression during pregnancy. (2011, June). Presented at the Annual Psychoneuroimmunology Research Society Meeting. Chicago, IL.

From Mice to Mothers: The neuroendocrine regulation of maternal behavior. (2010, October). Presented at the Annual Society for the Advancement of Chicano and Native American Scientists Conference. Anaheim, CA.

Prenatal stress, cortisol and maternal depression in mothers. (2010, September) Presented at the Developmental Psychobiology Research Group Seminar. Denver, CO.

Hair cortisol levels as a marker of prenatal stress: Cross validation with saliva. (2010, May). Presented at the 16th Biennial Developmental Psychobiology Research Group Retreat, Golden, CO.

Neuroendocrine regulation of maternal defense behavior (2008, October). Presented at the Annual Society for the Advancement of Chicano and Native American Scientists, Salt Lake City, UT.

Don't Mess with Mama: The underlying neuromechanisms of maternal defense behavior (2008, April). Presented at the Department of Zoology Colloquium, Madison, WI.

Peptide involvement in the maternal aggression displayed by mice (2007, October). Presented at the First International Congress of the International Society for Brain Behavioral Science and Medicine, Bangkok, Thailand.

The arousal-related peptide, hypocretin, modulates maternal behavior in mice (2007, March). Presented at the Young Investigator Symposium at the Steroid Hormones and Brain Function Workshop, Breckenridge CO

SCIENTIFIC POSTER PRESENTATIONS (*-denotes work with trainee coauthors)

- * Maldonado, A, Melchor, M, **D'Anna-Hernandez, KL**. Socio-cultural predictors of depressive symptoms in pregnant Mexican American women. (2014, November). Presented at the 142nd American Public Health Association Annual Meeting and Exposition, New Orleans, LA.
- *Chim, G, Martinez, M, Cole, M, **D'Anna-Hernandez, KL** Effects of maternal anxiety, depressive symptoms and cultural stressors on the programming of adverse infant outcomes and inflammatory processes. (2014, November) Presented at the Annual Society for the Advancement of Chicano and Native American Scientists, Los Angeles, CA.
- *Melchor, M, Maldonado, A, **D'Anna-Hernandez, KL**. Acculturative stress, maternal depression, social support, and altered salivary cortisol level in Mexican-American women. (2014, October) Presented at the Annual Society for the Advancement of Chicano and Native American Scientists, Los Angeles, CA.
- *Yeme, E, **D'Anna-Hernandez, KL** The role of discrimination stress on infant temperament in Mexican-American mothers and their infants. (2014, October) Presented at the Annual Society for the Advancement of Chicano and Native American Scientists, Los Angeles, CA.
- *Luis Sanchez, BE, Garcia, E, **D'Anna-Hernandez, KL**. Influence of acculturative stress and sleep on maternal depression and birth outcomes. (2014, October) Presented at the Annual Society for the Advancement of Chicano and Native American Scientists, Los Angeles, CA.
- *Cole, M, **D'Anna-Hernandez, KL**. Effects of acculturative-stress and early sex behavior on maternal anxiety, depression and cortisol. (2014, October) Presented at the Annual Society for the Advancement of Chicano and Native American Scientists, Los Angeles, CA.
- *Chim, G, Martinez, M, Flores, AM, Vidana, M, Garcia, E, **D'Anna-Hernandez, KL**. Maternal mood and perinatal complications in the Mexican-American population. (2013, November). Presented at the Perinatal Mental Health Meeting, Chicago, IL.

- *Flores, AM, Vidana, M, **D'Anna-Hernandez, KL**. Acculturative stress, maternal depression, and altered salivary cortisol levels in women of Mexican origin. (2013, November). Presented at the Perinatal Mental Health Meeting, Chicago, IL.
- * **D'Anna-Hernandez, KL**, McCreary, M, Kowalczyk, A, Lane, E. (June 2013) Hypocretin may alter depressive behavior in the postpartum period in mice. Presented at the 17th Annual Society for Behavioral Neuroendocrinology Conference, Atlanta, GA.
- * McCreary, M, **D'Anna-Hernandez, KL**. (June 2013) Exposure to pups decreases anxiety-like behavior in sensitized virgin mice compared to lactating dams on the elevated zero maze . Presented at the 17th Annual Society for Behavioral Neuroendocrinology Conference, Atlanta, GA.
- *Kowalczyk, A, McCreary, M, **D'Anna-Hernandez, KL**. (June 2013). Effects of hypocretin receptor 1 antagonist and maternal experience on depressive-like behavior and maternal behavior in lactating mice. Presented at the 17th Annual Society for Behavioral Neuroendocrinology Conference, Atlanta, GA.
- *Garcia, E, **D'Anna-Hernandez, KL**. (2013, March) Culprits of Negative Birth Outcomes in Pregnant Mexican-American Women: The Relationship between Quantity and Quality of Sleep, Depression, and Stress. Presented at the 71st Annual American Psychosomatic Medicine Conference, Miami, FL.
- ***D'Anna-Hernandez, KL**, Ross, RG, Coussons-Read, MC, Kreither, MK, Lobel, M, and Laudenslager, ML (2013, March) Socio-cultural correlates of maternal depression during pregnancy in the US Mexican population. Presented at the 71st Annual American Psychosomatic Medicine Conference, Miami, FL.
- ***D'Anna-Hernandez, KL**, Bower, K, Robinson, R, McCreary, M, LaFontaine, R. (2012, June) Postnatal alterations of the hypocretin/orexin system may influence depressive behavior. Presented at the 16th Annual Society for Behavioral Neuroendocrinology Conference, Madison, WI.
- ***D'Anna-Hernandez, KL**, Ross, RG, Coussons-Read, MC, Kreither, MK, Lobel, M, and Laudenslager, ML (2012, June) Interactions between cortisol and acculturation predict pregnancy-related distress, but not maternal depression. Presented at the Annual Psychoneuroimmunology Research Society Meeting, San Diego, CA.
- D'Anna, KL**, Hoffman, MC, Coussons-Read, ME, Laudenslager, ML, and Ross, RG (2011 February). Immune system changes, as measured by cytokines, are associated with levels of maternal depression during pregnancy. Presented at the 31st Annual Maternal Fetal Medicine Conference, San Francisco, CA.
- D'Anna, KL**, Ross, RG and Laudenslager, ML (2010, June). Hair cortisol levels as a marker of prenatal stress: Cross validation with saliva. Presented at the Neurobiology of Stress Workshop, Boulder, CO.

D'Anna, KL, Ross, RG and Laudenslager, ML (2010, March). Hair cortisol levels as a marker of prenatal stress. Presented at the Annual Department of Psychiatry Poster Session, Denver, CO.

D'Anna, KL and Gammie, SC (2007 June). CRF, Urocortin 1 and 3 in the lateral septum impairs maternal aggression in lactating mice. Presented at the Parental Brain Conference, Boston, MA.

D'Anna, KL and Gammie, SC (2006 October). Subthreshold stress impairs maternal aggression, but enhances pup retrieval in corticotropin-releasing factor receptor 2 deficient mice. Presented at the 36th Annual Society for Neuroscience Conference, Atlanta, GA.

D'Anna, KL and Gammie SC (2006, June). Corticotropin-releasing factor in the lateral septum impairs maternal aggression in lactating mice. Presented at the 10th Annual Society for Behavioral Neuroendocrinology Conference, Pittsburgh, PA.

D'Anna, KL and Gammie SC (2005, June). Hypocretin-1 dose-dependently impairs maternal aggression in lactating mice. Presented at the Annual Society for Behavioral Neuroendocrinology Conference, Austin, TX.

D'Anna, KL and Gammie, SC (2005 November). Hypocretin-1 dose-dependently elevates pup licking and grooming behavior and impairs maternal aggression in lactating mice. Presented at the 35th Annual Society for Neuroscience Conference, Washington D.C.

D'Anna, KL., Stevenson, SA and Gammie, SC (2005, January). Urocortin I and III impair maternal aggression and increase Fos-IR in the bed nucleus of the stria terminalis and lateral septum. Presented at the Winter Neuropeptide Conference, Breckenridge, CO.

D'Anna, KL., Stevenson, SA and Gammie, SC (2004, October). Urocortin I and III impair maternal aggression and increase Fos-IR in the bed nucleus of the stria terminalis and lateral septum. Presented at the 34th Annual Society for Neuroscience Conference, San Diego, CA.

RELEVANT TEACHING EXPERIENCE

Tenure Track Faculty Member, Cal State San Marcos **2011-present**
Physiological Psychology Lecture and Laboratory (Fall 2011, 2012, 2013, 2014)
Brain and Mind (Fall 2011, Spring, Summer, Fall 2012, Winter, Spring and Summer 2013, Winter and Summer 2014)
Biopsychology (Fall 2012 and Spring and Fall 2013, Spring and Fall 2014)
Hormones and Behavior Graduate Seminar (Spring 2012 and 2014)

Neuroscience Workshop Presenter, California State University San Marcos **2011-present**
STEM Talent Expansion Program (STEP), Upward Bound, MeCha high school conference
I designed, taught and supervised undergraduate volunteers in the performance various neuroscience-related workshops for underrepresented students from local high schools.

These were hands-on workshops that included sheep brain dissections and neuronal activation of cricket legs using electricity.

Guest Lecturer, University of Colorado, Denver **2010**
Biological Basis of Human Behavior
Behavioral Neuroscience

Mentor Training Seminar Instructor, University of Wisconsin-Madison **2008**
Center for the Integration of Research, Teaching and Learning

I designed and taught weekly mentor training courses for those mentoring undergraduates in summer research programs. In addition I evaluated and made recommendation for aspects of diversity training within the program

Animal Behavior Instructor, University of Wisconsin-Madison **2008**
Pre-College Enrichment Opportunity Program for Learning Excellence,

I designed and taught animal behavior summer course to underrepresented high school students in a precollege preparation program

Schools of HOPE Tutoring Program **2006-2008**
Urban League of Madison, WI

I tutored at-risk high school students (in both Spanish and English) in mathematics and science weekly

DELTA Program Participant, University of Wisconsin-Madison, **2005**
Center for the Integration of Research, Teaching and Learning

I was a participant in a seminar engaged in learning expeditions and discussions about diversity in the science, engineering and math disciplines and the campus climate in relationship to diversity. We also explored pedagogically positive ways to address diverse classrooms

Mentor, Biology Research Program, University of Wisconsin-Madison, summer 2004/2005
University of Wisconsin-Madison, Center for Biology Education, Dept of Zoology

I formally mentored 2 underrepresented undergraduates in the performance, writing and presentation of independent research project

Career Session Workshop Volunteer, University of Wisconsin-Madison Fall 2004/2005/2006
Exploring Your Horizons Conference

I managed career sessions that educated middle school-aged girls on the academic career choices, my research and shared my experiences challenges and advice about being a woman in neuroscience

Comparative Physiology Teaching Assistant, University of Wisconsin-Madison Spring 2005/6
Department of Zoology

I taught a comparative physiology laboratory and assisted students in creating and performing unique physiology experiments involving invertebrates while grading scientific papers and student presentations

Neurobiology Teaching Assistant, Michigan State University

Spring 2003

Department of Zoology

I assisted in the facilitation of an upper level undergraduate neurobiology course including design all tests and review materials

GRADUATE STUDENT TRAINEES

Andrea Preciado (projected graduation Spring 2015, co-advisor) Role of perceived discrimination during pregnancy on infant development in mother/child dyads of Mexican descent

Adriana Maldonado (projected graduation Spring 2015) Role of parental acculturation in depression and anxiety symptoms in Mexican American migrant worker children

Michael McCreary (successfully proposed Spring 2014, projected graduation Spring 2014)- The role of hypocretin on maternal motivation in sensitized virgin mice

Esmeralda Garcia (successfully proposed Fall 2013, projected graduation Spring 2014)- Acculturation may contribute to postpartum depression and an altered infant stress response in Mexican American women and their offspring

Alex Kowalczyk (successfully proposed Spring 2013, projected graduation Fall 2014)- Postpartum changes in corticotropin-releasing hormone and hypocretin interact to impair maternal behavior in mice

PROFESSIONAL SERVICE

Thesis Committee Member:

Marianne Klumph, Psychology, The impact of sensitization during adolescence on subsequent drug response in adult rats (successfully defended 2012)

Amanda Gochez, Psychology, Ultrasonic Vocalization Response to NMDA Receptor Antagonists in Rats (successfully defended 2014)

Sarah Neal, Psychology, Scratching as a Behavioral Indicator of Positive and Negative Arousal in Common Marmosets (successfully proposed, 2013)

Jessie Womboldt, Common marmosets' (*Callithrix jacchus*) responses to snake characteristics (successfully proposed, 2014)

Shirlee Moore, Prevalence and acceptance of sexting throughout the romantic relationship lifecycle (successfully proposed, 2014)

Christa Park, Biology, The role of maternal diet on wound healing in offspring mice

Research Internship in Science and Engineering (RISE) undergraduate and graduate mentor, CSUSM (2012-present)

College of Human Arts Behavioral and Social Sciences Budget Committee member, CSUSM (2013-current)

Psychology Program Assessment committee member, CSUSM (2013-current)

Faculty Advisor for the CSUSM Student Chapter for the Society for the Advancement of Chicano and Native American Scientists (2011-current)

Faculty Advisor Committee Member for the CSUSM Annual Psychology Student Research Fair (2011-current)

Student Reinstatement Committee Member, CSUSM (Winter 2011, 2012 and 2013)

Schizophrenia Education & Training (SET) Undergraduate Program Mentor, University of Colorado Denver (Summer 2010 and 2011)

Summer Research Opportunities Program undergraduate mentor, U of Wisconsin (2009 and 2010)

12th Annual La Mujer Latina Conference executive planning committee, Univ of Wisconsin (2006-2007)

Ad Hoc Reviewer: Psychosomatic Medicine, American Journal of Physical Anthropology, Brain, Behavior and Immunity, Stress and Health, Journal of Immigrant and Minority Health, Developmental Psychobiology, AAHHE graduate fellowships and SACNAS conference abstracts

PROFESSIONAL MEMBERSHIPS

Professional Membership: American Public Health Association

Professional Membership: Society for the Advancement of Chicano and Native American Scientists

Professional Membership: Society for Behavioral Neuroendocrinology

Professional Membership: Society for Neuroscience

Professional Membership: Psychoneuroimmunology Research Society