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EDUCATION

1997 Ph.D.	**Behavioral Neuroscience Program**, Arizona State University
1994 M.A.	**Behavioral Neuroscience Program,** Arizona State University
1992 B.S.	**Psychology Major, Biology Minor,** Texas A&M University

PROFESSIONAL APPOINTMENTS

2016-present	**Professor,** UTEP**,** Department of Psychology, El Paso, TX
2010-2015	**Associate Professor,** UTEP**,** Department of Psychology, El Paso, TX
2005-2010	**Assistant Professor,** UTEP**,** Department of Psychology, El Paso, TX
2000-2004	**Staff Scientist,** The Scripps Research Institute, Department of Neuropharmacology, La Jolla, CA
1999-2000	**Post-Doctorate,** The Scripps Research Institute, Department of Neuropharmacology, La Jolla, CA
1997-1999	**Post-Doctorate**, Amethyst Technologies, Behavioral Genetics, Scottsdale, AZ

AWARDS

2008	**Presidential Early Career Award for Scientists and Engineers (PECASE).** This award is given by the National Science and Technology Council. The PECASE award is the highest honor bestowed by the U.S. government on outstanding scientists and engineers beginning their independent careers. The PECASE award recognizes scientists and engineers who show exceptional potential for leadership and service at the frontiers of scientific knowledge. The awards are conferred by annually at the White House by the president following recommendations from participating agencies. In 2008, 12 persons were selected for the PECASE award, which provided an extension of the R01 grant.
2017	**Research Exemplar Award.** This recognition is given by the Professionalism and Integrity in Research Program, as part of the Research Exemplar Project. It recognizes individuals who conduct high quality, high-impact research and exemplify professionalism and integrity in research.

HONORS

2016	**Excellence in Mentoring** given by the National Hispanic Science Network on Drugs of Abuse
2016	**Outstanding Performer** in securing extramural funding given by the UTEP Office of Research and Sponsored Projects
2015	**Faculty Mentor Award** given by the UTEP College of Undergraduate Research Initiatives
2012	**Outstanding Performer** in securing extramural funding given by the UTEP Office of Research and Sponsored Projects
2008	**Outstanding Performer** in securing extramural funding given by the UTEP Office of Research and Sponsored Projects
2006	**Outstanding Young Investigator** in The College of Liberal Arts

FUNDED GRANTS

Current Support

2016-2020 **Vulnerability Issues In Drug Abuse: Career And Research Transdisciplinary Training Program (VIDA:CARTT**)
Role: Primary Investigator; Agency: NIDA; Type Contract (HHSN271201600057C); Total Costs: $908,108; Period: 9/30/16 to 9/30/20; Goals: This purpose of this contract is to provide NIDA with a Career and Research Development Program for underrepresented scholars conducing basic and/or translational biomedical substance abuse research.

2016-2018 **Faculty Science and Technology Acquisition and Retention (STARs) Program**
Role: Participating Investigator; Agency: University of Texas System; Type: Retention Program; Total Costs: $500,000; Period: FY 2016-2018; Goals: This award provides resources to support the growth of my research program at UTEP.

2015-2018 **Insulin Mechanisms of Diabetes-Evoked Enhancement of Nicotine Reward**
Role: Co-Investigator; Agency: NIDA; Type: R15 (DA040130); Total Costs: $300,000; Period: 9/1/15-8/30/18; Goal: To examine the neurochemical mechanisms by which insulin promotes the rewarding effects of nicotine.

2014-2019 **Sex Differences in the Mechanisms that Promote Nicotine Reward and Withdrawal**
Role: Primary Investigator; Agency: NIDA; Type: R01 (2DA021274); Total Costs: $2,000,000; Period: 5/1/14-4/30/19; Goal: To examine sex differences in the neurochemical mechanisms that promote the rewarding effects of nicotine and the aversive effects of withdrawal.

2017-2021 **Research Excellence for Undergraduates (REU) Summer Mentoring And Research Training: Methods In Neuroscience of Drug-Abuse (SMART MIND)**
Role: Primary Investigator; Agency: NIDA; Type: R25 (DA033613); Total costs: $517,055; Period: 5/1/17–4/30/22; Goal: To enrich the science education and research training of undergraduate students and high school teacher-student teams with a specific focus on the neuroscience of drug-addiction.

Previous Support

2012-2016 **Research Excellence for Undergraduates (REU) Summer Mentoring And Research Training: Methods In Neuroscience of Drug-Abuse (SMART MIND)**
Role: Primary Investigator; Agency: NIDA; Type: R25 (DA033613); Total costs: $534,879; Period: 5/1/12–4/31/16; Goal: To enrich the science education and research training of undergraduate students and high school teacher-student teams with a specific focus on the neuroscience of drug-addiction.

2011-2016 **Diversity Institution Drug Abuse Research Program: Vulnerability Issues in Drug Abuse (VIDA)**

Role: Co-Investigator on primary project entitled, *Stress-induced increases in vulnerability to substance abuse and addiction*; Agency: NIH/NIDA; Type: R24 (DA029989); Total costs: $1,712,042 ($168,087 for project); Period: 3/4/11–3/3/16; Goal: To train minority scientists in multidisciplinary approaches to study of drug abuse on the U.S./Mexico border. It is expected that vulnerability to drug abuse will be highly influenced by stress, which may be worsened or alleviated by factors such as age and/or sex, which are the focus of this sub-project.

2015- 2016 **Drugs of Abuse and Remodeling of the Neuronal Cytoskeleton**
Role: Co-Investigator; Agency: NIH; Type: Pilot project (G12MD007592); Total Costs: $25,000; Period: 4/1/15-3/31/16; Goal: To examine if Gβγ-mediated changes in cytoskeleton organization modulate the development of alcohol and nicotine dependence.

2012-2015 **Diabetes Enhances Susceptibility to the Rewarding Effects of Nicotine**
Role: Primary Investigator; Agency: American Diabetes Association; Type: Basic Science Award (7-12-BS-135) Total costs: $345,000; Period: 7/1/12–6/30/15; Goal: To examine the neurobiological mechanisms that promote tobacco use vulnerability in diabetic subjects.

2007-2014 **Nico-teen: Mechanisms of Nicotine Reward and Withdrawal During Adolescence**
Role: Primary Investigator; Agency: NIDA; Type: R01 (DA021274); Total Costs: $1,563,874; Period: 7/1/07-4/31/14; Goal: To examine the neurochemical mechanisms that mediate developmental and sex differences to the rewarding and aversive effects of nicotine. This grant was extended for 2 years via a Presidential Early Career Award for Scientists and Engineers award.

2012 **Neural Mechanisms Mediating Enhanced Tobacco Abuse in Diabetic Rats**
Role: Primary Investigator; Agency: NIH; Type: Pilot project (5G12RR008124); Total Costs: $25,000; Period: 1/1/12-6/30/12; Goal: To examine the neurochemical mechanisms that mediate enhanced rewarding effects of nicotine in an animal model of diabetes.

2015-2006 **Neurobehavioral Correlates of Nicotine Withdrawal in Adult versus Adolescent Rats**
Role: Primary Investigator; Agency: NSF; Type: Support of Mentors and Students Program (DUE 04-26266); Total Costs: $10,000; Period: 5/1/05-7/31-05; Goal: To provide support for a student on a summer research project examining the neural mechanisms of developmental sensitivity to nicotine dependence.

2003-2006 **Nicotine Self-Administration in an Animal Model**
Role: Co-Investigator; Agency: Tobacco-Related Disease Research Program (California); Type: 12RT-0099; Total Costs: $675,195; Period: 7/1/03-6/30/06; Goal: To characterize the acquisition of unlimited access to nicotine using the intravenous self-administration model and the transition of self-administration to nicotine dependence.

2008-2011 **Mechanisms of Developmental Sensitivity to Nicotine Withdrawal**
Role: Mentor; Agency: NIDA; Type: F31 (DA021133); Total Costs: $78,495; Period: 6/1/08-5/31/11 Goal: To support a pre-doctoral trainee (Luis Natividad) in his research endeavors involving the neurochemical mechanisms that mediate developmental sensitivity to nicotine dependence.

2011 **University of Texas System: Annual Allocation of PUF Reserves Program**
Role: Participating Investigator; Agency: Laboratory Equipment Repair and Rehabilitation (LERR) Program; Type: Equipment Grant; Total Costs: $500, 000; Period: FY 2011; Goals: This was a joint proposal between UTEP and the UT Health Science Center at San Antonio. The participating investigators initiated a major collaborative effort that involved the purchase of equipment to integrated strengths in the neural basis of diabetes and addiction.

2010-2011 **Modification of Genes and Behavior by Stress; Enhanced Vulnerability to Addiction**
Role: Co-Investigator; Agency: NIH; Type: Pilot project (G12RR008124); Total Costs: $25,000; Period: 10/1/10-6/30/11; Goals: To examine the role of stress in the escalation of methamphetamine self-administration in rats.

1993-1996 **Minority Neuroscience Training Program**
Role: Graduate Student Fellow; Agency: National Institute on Mental Health; Type: T32 (MH19185); Period: 7/1/93-8/2/96; Goal: To characterize the role of dopamine (D1 and D2) receptor subtypes in mediating the rewarding and stimulant effects of cocaine in rats.

PUBLICATIONS

1. Carcoba, L.M., Flores, R.J., Natividad, L.A., and **O'Dell, L.E.** (2017). Amino acid modulation of dopamine in the nucleus accumbens mediates sex differences in nicotine withdrawal. *Addiction Biology*, in press.
2. Pipkin, J.A., Cruz, B.A., Hinojosa, C.A., Flores, R.J., Carcoba, L.M., Ibarra, M., Francis, W., Nazarian, A., and **O'Dell, L.E.** (2017). Both nicotine reward and withdrawal are enhanced in a rodent model of diabetes. *Psychopharmacology,* in press. PMID: 28342091
3. Gosselink, K.L., D'Arcy, and **O'Dell, L.E**. (2016). Intermittent vibration increases methamphetamine intake in rats. *Journal of Alcoholism, Drug Abuse and Substance Dependence*, 2: 5-8.
4. Carcoba, L.M., Torres, O.V., Pipkin, J.A., Ontiveros, T., and **O'Dell, L.E.** (2016). Insight into the potential factors that promote tobacco use in vulnerable populations. Invited review for *Current Addiction Reports,* 3: 27-36.
5. Flores, R.J., Pipkin, J.A., Uribe, K.P., Perez, A., and **O'Dell, L.E**. (2016). Estradiol promotes the rewarding effects of nicotine in female rats. *Behavioural Brain Research,* 307: 258-263. PMID: 27059334
6. D'Arcy, C., Luevano, J.E., Miranda, M.M., Pipkin, J.A., Jackson, J.A., Castañeda, E., Gosselink, K.L., and **O'Dell, L.E.** (2016). Extended access to methamphetamine self-administration up-regulates dopamine transporter levels 72 hours after withdrawal in rats. *Behavioural Brain Research,* 296: 125-128. PMID: 26367473
7. **O'Dell, L.E.** and Nazarian, A. (2016). Enhanced vulnerability to tobacco use in persons with diabetes: A behavioral and neurobiological framework. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, 65: 288-296. PMID: 26092247
8. Torres, O.V. and **O'Dell, L.E.** (2016). Stress is a principal factor that promotes tobacco use in females. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, 65: 260-268. PMID: 25912856
9. Torres, O.V., Pipkin, J.A., Ferree, P., Carcoba, L.M., and **O'Dell, L.E.** (2015). Nicotine withdrawal increases stress-associated genes in the nucleus accumbens of female rats in a hormone-dependent manner. *Nicotine and Tobacco Research*, 17: 422-430. PMCID: PMC4432401
10. **O'Dell, L.E.** Natividad, L.A., Pipkin, J.A., Roman, F., Torres, I.D., Juardo, J., Torres, O.V., Friedman, T.C., Tenayuca, J.M., and Nazarian, A. (2014). Enhanced nicotine self-administration and suppressed dopaminergic systems in a rat model of diabetes. *Addiction Biology,* 19: 1006-1019.

PMID: 23834715

11. Richardson, J.R, Pipkin, J.A., **O'Dell, L.E.** and Nazarian, A. (2014). Insulin-resistant rats display enhanced nicotine reward following a high-fat diet regimen. *Drug and Alcohol Dependence,* 140: 205-207. PMID: 24774962
12. Carcoba, L.M., Orfila, J.E., Natividad, L.A., Torres, O.V., Pipkin, J.A., Ferree, P.L., Castañeda, E., Moss, D., and **O'Dell, L.E.** (2014). Cholinergic transmission during nicotine withdrawal is influenced by age and pre-exposure to nicotine: Implications for teenage smoking. *Developmental Neuroscience,* 36: 347-355. PMCID: PMC4125457
13. Torres, O.V., Walker, E.M., Beas, B.S., and **O'Dell, L.E.** (2014). Female rats display enhanced rewarding effects of ethanol that are hormone dependent. *Alcoholism: Clinical and Experimental Research,* 38:108-115. PMID: 23909760
14. **O'Dell, L.E.** and Torres, O.V. (2014). A mechanistic hypothesis of the factors that enhance vulnerability to nicotine use in females. *Neuropharmacology,* 76:566-580. PMID: 23684991
15. Natividad, L.A., Torres, O.V., Friedman, T.C., and **O'Dell, L.E.** (2013). Adolescence is a period of development characterized by short- and long-term vulnerability to the rewarding effects of nicotine and reduced sensitivity to the anorectic effects of this drug. *Behavioural Brain Research,* 257:275-285. PMID: 24120402
16. Torres, O.V., Gentil, L., Natividad, L.A., Carcoba, L.M., and **O'Dell, L.E.** (2013). Behavioral, biochemical and molecular indices of stress are enhanced in female versus male rats experiencing nicotine withdrawal. *Frontiers in Addictive Disorders and Behavioral Dyscontrol,* 4:1-12. PMID: 23730292
17. Natividad, L.A., Buczynski, M.W., Parsons, L.H., Torres, O.V., and **O'Dell, L.E.** (2012). Adolescent rats are resistant to adaptations in excitatory and inhibitory mechanisms that modulate mesolimbic dopamine during nicotine withdrawal. *Journal of Neurochemistry,* 123:578-588. PMCID: PMC3472122
18. Tejeda, H.A., Natividad, L.A., Orfila, J.E., Torres, O.V., and **O'Dell, L.E.** (2012). Dysregulation of kappa-opioid receptor systems by chronic nicotine modulate the nicotine withdrawal syndrome in an age-dependent manner. *Psychopharmacology*, 224:289-301. PMID: 22659976
19. Mangubat M., Lutfy, K., Lee, M.L., Pulido, L., Stout, D., Davis, R., Seasholtz, S., Sinha-Hikim, A., Sinha-Hikim, I., **O'Dell, L.E.,** Lyzlov, A., Liu, Y., and Friedman, T.C. (2012). Effect of nicotine on body composition. *Journal of Endocrinology*, 212:317-326. PMCID: PMC3444240
20. **O'Dell, L.E.** (2011). Nico-teen: Neural substrates that mediate adolescent tobacco abuse. *Neuropsychopharmacology, Hot Topics issue*, 36:356-357. PMCID: PMC3055509
21. Vuong, C., Van Uum, S.H.M., **O'Dell, L.E.**, Lutfy, K., and Friedman, T.C. (2010). The effects of opioids and opioid analogues on animal and human endocrine systems. *Endocrine Reviews*, 31:98–132. PMID: 19903933
22. Natividad, L.A., Tejeda, H.A., Torres, O.V., and **O'Dell, L.E.** (2010). Nicotine withdrawal produces a decrease in extracellular levels of dopamine in the nucleus accumbens that is lower in adolescent versus adult male rats. *Synapse*. 64:136-145. PMID: 19771590
23. Abdallah, L., Bonasera, S.J., Hopf, W., **O'Dell, L.E.**, Giorgetti, M., Jongsma, M., Carra, S., Esposito, E., Parsons, L.H., Bonci, A., and Tecott, L.H. (2009). Impact of 5-HT_{2C} receptor null mutation on physiology and behavior associated with nigrostriatal dopamine pathway function. *The Journal of Neuroscience*, 29:8156-8165. PMCID: PMC3077993
24. Torres, O.V., Natividad, L.A., Tejeda, H.A., Van Weelden, S.A., and **O'Dell, L.E.** (2009). Female rats display dose-dependent differences to the rewarding and aversive effects of nicotine in an age-, hormone-, and sex-dependent. *Psychopharmacology*, 206:303–312. PMID: 19629450
25. Francesconi, W., Berton, F., Repuente-Canonigo, V., Hagihara, K., Thurbon, D., Lekic, D., Specio, S., Greenwell, T., Chen, S., Rice, K., Richardson, H.N., **O'Dell, L.E.**, Zorrilla, E., Morales, M., Koob, G.F., and Sanna, P.P. (2009). Protracted withdrawal from alcohol and drugs of abuse impairs long-term potentiation of intrinsic excitability in the juxtacapsular bed nucleus of the stria terminalis. *The Journal of Neuroscience*, 29:5389-5401. PMID: 19403807
26. **O'Dell, L.E.** and Khroyan, T.V. (2009). Rodent models of nicotine reward: What do they tell us about tobacco abuse in humans? *Pharmacology, Biochemistry and Behavior*, 91: 481-488. PMCID:

PMC2646496
27. **O'Dell, L.E.** (2009). A psychobiological framework of the substrates that mediate nicotine use during adolescence. *Neuropharmacology,* 56:263-278. PMID: 18723034
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29. Torres, O.V., Natividad, L.A., Tejeda, H.A., and **O'Dell, L.E.** (2008). Enhanced vulnerability to the rewarding effects of nicotine during the adolescent period of development. *Pharmacology, Biochemistry and Behavior*, 90:658-663. PMID: 18571223
30. Roberto, M., Gilpin, N.W., **O'Dell, L.E.**, Cruz, M.T., Morse A.C., Siggins, G.R., and Koob G.F. (2008). Cellular and behavioral interactions of gabapentin with alcohol dependence. *Journal of Neuroscience*, 28:5762-5571. PMCID: PMC2493536
31. Specio, S.E., Wee, S., **O'Dell, L.E.**, Boutrel, B., Zorrilla, E.Z., and Koob, G.F. (2008). CRF1 receptor antagonists attenuate escalated cocaine self-administration in rats. *Psychopharmacology*, 196:473-482. PMCID: PMC2769571
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35. O'Dell, L.E., Torres, O.V., Natividad, L.A., and Tejeda, H.A. (2007). Adolescent nicotine exposure produces less affective measures of withdrawal relative to adult nicotine exposure in male rats. *Neurotoxicolgy and Teratology,* 29:17-22. PMCID: PMC2846728
36. **O'Dell, L.E.** and Koob G.F. (2007). Nicotine deprivation effect in rats with intermittent 23-hour access to intravenous nicotine self-administration. *Pharmacology, Biochemistry and Behavior,* 86:346-353. PMID: 17292952
37. **O'Dell, L.E.**, Chen, S.A., Specio, S.E., Paterson, N.E., Balster, R.L., Markou, A., E.P. Zorilla, and Koob, G.F. (2006). Extended access to nicotine self-administration leads to dependence: Circadian measures, withdrawal measures, and extinction behavior in rats. *Journal of Pharmacology and Experimental Therapeutics,* 320:180-193. PMID: 17050784
38. **O'Dell, L.E.,** Manzardo, A., Polis, I., Stouffer, D.G., and Parsons L.H. (2006). Biphasic alterations in serotonin$_{1B}$ (5-HT$_{1B}$) receptor function during abstinence from extended cocaine self-administration. *Journal of Neurochemistry*, 99:1363-1376. PMID: 17074068
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41. Chen, S.A., **O'Dell, L.E.**, Lerner, K., Hoefer, M., Zorrilla, E.P., and Koob, G.F. (2006). Unlimited access to heroin self-administration: Independent motivational markers of opiate dependence. *Neuropsychopharmacology*, 31:2692-2707. PMID: 16452993
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43. **O'Dell, L.E.**, Purdy, R.H., Covey, D.F., Richardson, H.N., Roberto, M., and Koob, G.F. (2005). Epipregnanolone and a novel synthetic neuroactive steroid reduce alcohol self-administration in rats. *Pharmacology, Biochemistry and Behavior,* 81:543-550. PMID: 15950269

44. Breese, G.R., Chu, K., Dayas, C.V., Funk, D., Knapp, D.J., Koob, G.F., Le, A.D., **O'Dell, L.E.**, Overstreet, D.H., Roberts, A.J., Sinha, R., Valdez, G.R., and Weiss, F. (2005). Stress enhancement of craving during sobriety: A risk for relapse. *Alcoholism: Clinical and Experimental Research*, 29:185-195. PMID: 15714042
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47. **O'Dell, L.E.,** Bruijnzeel, A.W., Ghozland, S., Markou, A. and Koob, G.F. (2004). Nicotine withdrawal in adolescent and adult rats. In: R.E. Dahl and L.P. Spear (Eds.), *Annals of the New York Academy of Sciences* (series title: Adolescent Brain Development: Vulnerabilities and Opportunities) New York Academy of Sciences, New York, 1021:167-174. PMID: 15251887
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49. **O'Dell, L.E.**, Alomary, A.A., Vallee, M., Koob, G.F., Fitzgerald, R.L., and Purdy, R.H. (2004). Ethanol-induced increases in neuroactive steroids in the rat brain and plasma are absent in adrenalectomized and gonadectomized rats. *European Journal of Pharmacology*, 484:241-247. PMID: 14744609
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52. **O'Dell, L.E.**, Li, R., Kreifeldt, M.J., George, F.R., and Ritz, M.C. (2000). Molecular mechanisms mediating genetic sensitivity to cocaine-induced convulsions. *Brain Research*, 863:213-224. PMID: 10773209
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62. Neisewander, J.L., **O'Dell, L.E.,** and Redmond, J. (1995). Localization of dopamine receptor subtypes occupied by intra-accumbens administration of selective antagonists that reverse cocaine-induced locomotion. *Brain Research*, 671:201-212. PMID: 7743209

EDITED BOOK CHAPTER

1. Pipkin, J.A., Ontiveros, T., Carcoba, L.M., and **O'Dell, L.E.** (2016). Enhanced tobacco use vulnerability in adolescents, females, and persons with diabetes. Invited chapter for a book entitled, *Negative Affective States and Cognitive Impairments in Nicotine Dependence,* 5: 71-90.

MANUSCRIPT UNDER REVIEW

1. Flores, R.J., Uribe, K.A, and **O'Dell, L.E.** Sex differences in nicotine intravenous self-administration: A meta-analytic review.

ABSTRACTS

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119. O'Dell, L.E., Chen, S.A., Paterson, N.E., Markou, A., Balster, R.L., and Koob, G.F. Characterization of nicotine intake, extinction, and precipitated withdrawal using 23-hr access to nicotine self-administration in rats. *Tobacco-Related Disease Research Program*, 2003.
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124. O'Dell, L.E., Roberts, A.J. Brennan, M.A., and Koob, G.F. The effects of continuous or intermittent ethanol vapor on subsequent ethanol self-administration. *Research Society on Alcoholism*, 2002.
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127. O'Dell, L.E., Tecott, L., and Parsons, L.H. Characterization of dopamine neurotransmission in the mesolimbic and mesostriatal pathways of mutant mice lacking 5-HT$_{2C}$ receptors. *Winter Conference on Brain Research*, 2001.
128. O'Dell, L.E., Stouffer, D., and Parsons, L.H. The role of 5-HT$_{1B}$ receptors in the VTA in mediating cocaine-induced elevations of NAcc DA levels. *Society for Neuroscience*, 2000.
129. O'Dell, L.E. and Parsons, L.H. Activation of 5-HT$_{1B}$ receptors in the VTA potentiates cocaine-induced elevations of DA levels in the NAcc. *Winter Conference on Brain Research*, 1999.
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137. O'Dell, L.E., Sussman, A.N., and Neisewander, J.L. Stimulant and rewarding properties of cocaine following intra-ventricular or intra-amygdala infusions. *Society for Neuroscience*,1996.
138. O'Dell, L.E., Tran-Nguyen, L.T.L., Castañeda, E., Sussman, A.N., Fuchs, R.A., and Neisewander, J.L. Dopamine overflow in the nucleus accumbens of rats responding in extinction from cocaine self-administration. *International Behavioral Neuroscience Society*, 1996.
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141. Baker, D.A., **O'Dell, L.E.**, Khroyan, T.V., Fuchs, R.A., and Neisewander, J.L. Effects of intra-accumbens sulpiride on cocaine-induced locomotion and CPP. *College on Problems of Drug Dependence,* 1995.
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occupied by intra-accumbens administration of selective antagonists that reverse cocaine-induced locomotion. *College on Problems of Drug Dependence*, 1994.

143. O'Dell, L.E., Khroyan, T.V., Fuchs, R.A., and Neisewander, J.L. Systemic administration of SCH 23390 attenuates locomotion elicited by intra-accumbens cocaine. *Society for Neuroscience*, 1994.
144. Baker, D.A., O'Dell, L.E., Khroyan, T.V., and Neisewander, J.L. Differential effects of intra-accumbens sulpiride on cocaine-induced locomotion and conditioned place preference. *Society for Neuroscience*, 1994.
145. O'Dell, L.E., Khroyan, T.V., and Neisewander, J.L. Differential effects of intravenous and intraperitoneal routes of administration on the rewarding and stimulant properties of cocaine. *Society for Neuroscience*, 1993.
146. Morien, A., Wellman, P.J., O'Dell, L.E., and McMahon, L. Diurnal rhythm of PVN NE and food intake within the rat: A 24-hr microdialysis study. *International Behavioral Neuroscience Society*, 1993.

INVITED ORAL PRESENTATIONS

8/14/17	Nicotine and the young mind. *Paso del Norte Tobacco Control Network Meeting*, El Paso, TX.
5/8/17	Career mentoring and the application of animal models in drug abuse. *Interdisciplinary Research Training Institute Meeting,* Pasedena, CA.
5/19/17	Neural mechanisms that promote tobacco use in vulnerable populations: Findings from animal models. *Society for Neuroscience Neuroscience Scholars Program*, Webinar series.
5/23/17	Tobacco, use in vulnerable populations. Research Talk at the Marine Biological Laboratories SPINES Program, Woodshole, MA.
5/5/2017	From diversity supplement trainee to successful research investigator. *Meeting of the NIDA Diversity Supplement Trainees*, Bethesda, MD.
4/6/2017	The road less traveled: Science as a platform for promoting diversity. *Plenary Speaker at the UTEP Research Forum*, El Paso, TX.
1/29/2017	A Larry Parsons memorial panel: Impact and legacy in the science of addiction. *Winter Conference on Brain Research*, Big Sky, MO.
7/16/2016	Neural mechanisms that promote tobacco use in vulnerable populations: Findings from animal models. *Colloquium series in the Department of Pharmacology, University of Buffalo,* Buffalo, NY.
6/8/2016	Working in interdisciplinary research teams: Socio-neuroscience horizons in drug abuse research. *Interdisciplinary Research Training Institute Meeting,* Los Angeles, CA.
4/14/2016	Neural mechanisms that promote tobacco use in females. *Meeting of the NIDA Women and Sex/Gender Differences Research Group (WBRG)*, Bethesda, MD.
4/15/2016	Science as a platform to promote diversity. *Meeting of the NIDA Diversity Supplement Trainees*, Bethesda, MD.
2/23/2016	Neural mechanisms that promote nicotine use in vulnerable populations. *Colloquium series in the Department of Neurobiology and Anatomical Sciences, University of Mississippi Medical Center,* Jackson, MI.
1/22/2016	Insulin regulation of enhanced nicotine intake in a rodent models of diabetes. *****Panel chair. *Winter Conference on Brain Research*, Breckenridge, CO.
11/12/2015	The road less traveled: Science as a platform for promoting diversity. *Plenary speaker at the Graduate Student Expo, UTEP*, El Paso, TX.
11/5/2015	Neural mechanisms that promote nicotine use: Findings from animal models. *Colloquium series in the Department of Neurosciences, School of Medicine at The University of New Mexico,* Albuquerque, NM.
10/22/2015	Neural mechanisms that promote tobacco use: Science as a platform for promoting diversity. *Colloquium series in the Department of Pharmacology, School of Medicine at The University of California Irvine,* Irvine, CA.

6/30/2015	Neurobiological consequences of nicotine exposure during adolescence: Mechanisms of short and long-term effects. Presented as part of a panel entitled, "Nicotine and alternative tobacco products in adolescence." *Neurobehavioral Teratology Society*, Quebec, Canada.
6/24/2015	Neuroscience and Drug Issues: A pre-conference workshop. *National Hispanic Science Network,* San Antonio, Texas
6/26/2015	Animal models of adolescent tobacco use: Implications for the prevention, treatment, and long-term consequences of adolescent nicotine exposure. Presented as part of a panel entitled, "Addressing Multiple Health Risk Behaviors Among Latinos." *National Hispanic Science Network,* San Antonio, Texas.
6/5/2015	Neurobiological mechanisms that modulate the long-term effects of nicotine exposure during adolescence: Mechanisms and long-term effects. Presented as part of a panel entitled, "Neurobiological Consequences of Drug Exposure During Adolescence." *International Behavioral Neuroscience Society*, British Colombia, Canada.
2/28/2015	Enhanced rewarding effects of nicotine in a rodent model of diabetes. Presented as part of a panel entitled, "Current preclinical research on the relationship between nicotine, obesity, and metabolic disorders." *Society for Research on Nicotine and Tobacco,* Philadelphia, Pennsylvania.
2/26/2015	Sex differences in the neural mechanisms that promote stress and negative affective states produced by nicotine withdrawal. Presented as part of a panel entitled, "Moving beyond "Mice to Men:" Innovations in translational gender-sensitive tobacco research." *Society for Research on Nicotine and Tobacco,* Philadelphia, Pennsylvania.
1/28/2015	What's your gut reaction? The role of insulin in modulating enhanced nicotine intake in diabetic rats. *****Panel co-chair. *Winter Conference on Brain Research*, Big Sky, Montana.
10/21/2014	Neurochemical mechanisms that modulate tobacco use vulnerability. *Colloquium series in the Department of Psychology at The University of Michigan,* Ann Arbor, Michigan.
8/11/2014	A role for insulin in drug abuse vulnerability. *NIDA Neuroscience Consortium Cutting Edge Symposium on Metabolic Pathways to Addiction,* Bethesda, Maryland.
6/6/2014	The road less traveled: Effective mentoring strategies for graduate trainees. *****Panel co-Chair. *Interdisciplinary Research Training Institute Meeting,* Miami, Florida.
1/27/2014	Neuronal substrates that promote individual variation in compulsive behaviors. *****Panel Chair. *Winter Conference on Brain Research*, Steamboat Springs, Colorado.
11/7/2013	Experiences with drugs during adolescence: Potential mechanism of adolescent vulnerability to addiction as revealed by animal models. *International Society for Developmental Psychobiology*, San Diego, California.
10/22/2013	Neurochemical mechanisms that modulate tobacco use vulnerability. *Colloquium series in the Duke Institute for Brain Sciences,* Durham, North Carolina.
10/10/2013	Using animal models to understand the neurobiology of addiction. *National Hispanic Science Network,* Washington, D.C. *Panel Chair.
9/23/2013	Age and sex differences in the mechanisms that mediate tobacco abuse. *Colloquium series in the Department of Psychology, University of Massachusetts Amherst,* Amherst, Massachusetts.
6/14/2013	Enhanced vulnerability to tobacco use in women: Evidence from animal models. *Charles Drew Medical School,* Los Angeles, California.
3/16/2013	Preclinical evidence of age and sex differences in the mechanisms that mediate enhanced vulnerability to tobacco abuse: Implications for the regulation of

nicotine in cigarettes. *Society for Research on Nicotine and Tobacco,* Boston, Massachusetts.

1/16/2013 The role of age and sex differences in the mechanisms that mediate tobacco abuse. *Colloquium series in the Department of Psychology, Florida State University,* Tallahassee, Florida.

10/11/2012 Age and sex differences in the mechanisms that mediate tobacco abuse. *Colloquium series in the Department of Psychology, Texas A&M University,* College Station, Texas.

9/27/2012 The role of brain stress peptides in drug addiction and anxiety disorders: Sex differences in tobacco addiction. *National Hispanic Science Network,* San Diego, California.

6/11/2012 The effects of extended access to methamphetamine self-administration on dopamine systems. *College on Problems of Drug Dependence*, Palm Springs, California.

5/3/2012 Nico-teen: Age and sex differences in the mechanisms that mediate nicotine withdrawal. *Colloquium series in the Clinical Neuroscience Division at the Medical University of South Carolina,* Charleston, South Carolina.

3/23/2012 Nico-teen: Neural substrates that mediate enhanced vulnerability to tobacco abuse during adolescence. *Colloquium series in the Department of Neuropharmacology, The Scripps Research Institute,* La Jolla, California.

1/17/2012 Neural substrates of tobacco addiction in adolescence. *Colloquium series in the Department of Psychology, University of North Carolina,* Chapel Hill, North Carolina.

3/11/2011 NICOTEEN: Neural substrates of tobacco addiction in adolescence. *Colloquium series in the Department of Pharmacology and Toxicology, University of Texas Medical Branch*, Galveston, Texas.

3/21/2011 Neuronal substrates mediating tobacco abuse during adolescence. *Texas Tech University Health Sciences Center of Excellence in Neuroscience.* El Paso, Texas.

3/23/2011 The female nervous system: Differential responses to important stimuli. *Women's History Month UTEP Conference,* El Paso, Texas.

5/4/2011 Nico-teen: Neural substrates of tobacco abuse during adolescence. *Diversity in Drug Abuse Research Program Lecture at California State San Bernardino.* San Bernardino, California.

6/7/2011 Workshop on animal models of drug addiction. *Summer Research Training Institute on Drugs of Abuse*, Houston, Texas.

8/13/2010 Age differences in the rewarding and weight suppressant effects of nicotine. *Charles Drew Medical School Brain Research Day Meeting.* Los Angeles, California.

6/15/2010 Psychobiological factors that contribute to tobacco abuse during adolescence. *****Panel Chair. *College on Problems of Drug Dependence*, Scottsdale, Arizona

3/7/2010 Psychobiological substrates that mediate age and sex differences to tobacco abuse. *Behavior, Biology and Chemistry: Translational Research in Addiction*, San Antonio, Texas.

2/19/2010 Mechanisms of Tobacco Abuse. *Medical Center of the Americans Research Advancement Symposia, Texas Tech Paul Foster School of Medicine.* El Paso, Texas.

1/25/2010 Health Disparity Research on Tobacco Abuse at UTEP. *Meeting with State Representative Daniel Branch, Chair of the Texas Higher Education Committee*. El Paso, Texas.

9/03/2009 Mechanisms of vulnerability to nicotine addiction. *Meeting of the Commission to End Health Care Disparities and Grand Opening of the Biosciences Research Building at UTEP.* El Paso, Texas.

7/31/2009	The rewarding effects of nicotine are enhanced in an animal model of Type 1 diabetes. *Charles Drew Medical School Brain Research Day.* Los Angeles, California.
1/30/2009	Nico-teen: Psychobiological substrates that mediate tobacco use during adolescence. *Paul L. Foster School of Medicine, Texas Tech University.* El Paso, Texas.
1/09/2009	How does nicotine work in the brain? *El Paso Consortium on Tobacco Cessation Meeting.* El Paso, Texas.
5/20/2008	From trainee to independent investigator. *The National Institute on Drug Abuse Meeting on Research Development and Diversity Programs.* Silver Spring, Maryland.
3/28/2008	Developmental and sex differences in the expression of key molecular targets during nicotine withdrawal. *Society for Research on Nicotine and Tobacco.* Portland, Oregon.
10/16/2007	Developmental and sex differences to nicotine withdrawal: A behavioral and neurochemical approach to studying nicotine addiction. *Colloquium series in the Department of Physiology, Louisiana State University.* New Orleans, Louisiana.
6/25/2007	Molecular targets of nicotine withdrawal are differentially expressed in adolescent and adult rats. *College on Problems of Drug Dependence*, Quebec City, Canada.
5/8/2007	Oh Rats! Implications for adolescent tobacco use. *American Cancer Society and The National Institute on Drug Abuse Meeting on The Future of Youth Tobacco Cessation Research.* Rockville, Maryland.
4/13/2007	The neural basis of nicotine addiction. *El Paso Consortium on Tobacco Cessation Meeting.* El Paso, Texas.
3/16/2007	Nico-teen: Developmental influences on the rewarding and aversive properties of nicotine in rats. *Colloquium series in the Department of Pharmacology and Neuroscience at Texas Tech University Health Science Center*. Lubbock, Texas.
2/22/2007	A translational approach to understanding gender, adolescence, and vulnerability to nicotine addiction. *Society for Research on Nicotine and Tobacco.* Austin, Texas.
9/16/2006	Differential sensitivity to the rewarding and aversive effects of nicotine during adolescence. *National Hispanic Science Network on Drug Abuse*. Phoenix, Arizona.
6/18/2006	Nicotine withdrawal is diminished in adolescent versus adult rats. *College on Problems of Drug Dependence.* Scottsdale, Arizona.
9/06/2005	Cocaine on the Brain: Serotonergic modulation of dopamine transmission. *Department of Pharmacology and Toxicology, The University of Texas at Austin*. Austin, Texas.
10/18/2004	The psychopharmacology of nicotine addiction. *American Association for Cancer Research.* Seattle, Washington.
2/21/2004	Nicotine dependence in adult and adolescent rats. *Society for Research on Nicotine and Tobacco.* Scottsdale, Arizona.
3/20/2003	Psychoneuroendocrine networks involved in ethanol-induced synaptic and behavioral alterations. *International Society of Psychoneuroendocrinology.* Pisa, Italy.
11/11/2002	Cocaine on the brain: Serotonergic modulation of dopamine transmission. *Department of Anatomy and Neurobiology Lecture Series, University of Kentucky*, Lexington, Kentucky.
6/9/2002	Characterization of nicotine intake, extinction, reinstatement and precipitated withdrawal using extended access to nicotine self-administration. *College on Problems of Drug Dependence*, Quebec City, Canada.
12/1/2001	The effects of a neuroactive steroid on ethanol self-administration in dependent and nondependent rats. *NIAAA Training Program Meeting entitled, Alcoholism:*

Toward an Integration of Basic and Clinical Research Training for the 21st Century, Indianapolis, Indiana.

11/14/2001 Evidence for a functional upregulation of 5-HT_{1B} receptors in the VTA following extended access to cocaine self-administration. *Society for Neuroscience,* San Diego, California.

4/10/2001 Cocaine on the brain: Serotonergic modulation of dopamine neurotransmission. *Seminar Series at The Scripps Research Institute, Department of Neuropharmacology*, La Jolla, California.

6/17/1999 Molecular mechanisms mediating genetic sensitivity to cocaine-Induced convulsions. *College on Problems of Drug Dependence*, Acapulco, Mexico.

6/15/1998 Cocaine-induced convulsions: Serotonin neurotransmission modulates genetic sensitivity. *College on Problems of Drug Dependence*, Scottsdale, Arizona.

4/1/1997 The role of the amygdala in amphetamine conditioned place preference. *Seminar Series at the University of Arizona Regional Society for Neuroscience*, Tucson, Arizona.

1/17/1997 Investigation of the neural mechanisms of drug-seeking behavior in rats. *Seminar series in the Department of Pharmacology and Toxicology, University of Texas Medical Branch,* Galveston, Texas.

TEACHING EXPERIENCE

2005-present Faculty Member, Department of Psychology, UTEP, courses taught include: *Drugs and Behavior, Psychobiology, Animal Learning and Behavior,* and *Neuroplasticity of Stress, Learning and Addiction, Ethics in Scientific Research and Professional Development, Neuroendocrinology,* and *Grant Writing*. The last 6 courses are offered at the graduate level.

2011-2012 Lecturer, The Institute for Brain Potential. Full-day seminars in 2011 in El Paso, Corpus Christi, McAllen and Victoria Texas and in 2012 in Santa Fe and Albuquerque New Mexico. The title of the lecture series is, "*How The Brain Forms New Habits: Why Willpower Is Not Enough*."

2001-2004 Instructor, Department of Psychology, University of California at San Diego. Courses co-taught with Dr. George Koob include: *Impulse Control Disorders, Drugs Addiction and Mental Disorders, and Drugs and Behavior*.

1999-2003 Faculty Member, University of Phoenix, San Diego Branch.
Extensive training in facilitative teaching strategies. Courses taught include: *Life Science*, *Introduction to Psychology*, *Critical Thinking and Decision Making, and Dependency and Addictions*.

1992-1993 Teaching Assistant, Department of Psychology, Arizona State University. Taught *Research Methodology* and my responsibilities included lecturing and evaluating student experiments, exams, and written reports.

MENTORING EXPERIENCE

Faculty Mentees

1. **Dr. Oralia Loza** - Assistant Professor, College of Health Sciences, UTEP (1-1-2011 to present). Mentor through the Collaborative Faculty Mentoring Program. Dr. Loza was awarded tenure.
2. **Dr. Nick Gilpin** - Assistant Professor, Department of Physiology, Louisiana State University (11-1-2011 to present). External mentor on his tenure and promotion committee. Dr. Gilpin was awarded tenure.
3. **Dr. Sergio Iñiguez** - Associate Professor, Department of Psychology, California State San Bernadino (1-12-2015 to present). External faculty mentor as part of the Early Career Institute in Neuroscience. Dr. Iñiguez is a faculty member in the Department of Psychology at UTEP.
4. **Dr. Akiko Shimamoto** - Assistant Professor, Department of Neuroscience and Pharmacology, Meharry Medical College (3-8-2016 to present). External faculty mentor for tenure and promotion.

5. **Dr. Fatima Alshbool** - Assistant Professor, Pharmaceutical Sciences, UTEP (3-17-17 to present). External faculty mentor for tenure and promotion.

Post-doctoral Trainees:

1. **Dr. James Orfila** - Post-Doctoral Fellow, Primary Mentor (6-2008 to 1-2012). Funded through the Minority Supplement in Diversity program at NIDA. Dr. Orfila is a Research Assistant Professor at The University of Colorado Medical School.
2. **Dr. Annie Whitaker** - External Mentor in a National Hispanic Science Network training program (7-2014 to 2016). Dr. Whitaker was a post-doctoral fellow in the Department of Physiology at Louisiana State University. Dr. Whitaker is a high school biology teacher.
3. **Dr. Luis Carcoba** – Post Doctoral Fellow, Primary Mentor (10-2012 to 5-2015). Dr. Carcoba is a Research Assistant Professor in the Psychology Department at UTEP.
4. **Dr. Victor Correa** - Post-Doctoral Fellow, Primary Mentor (10-2015 to present).
5. **Dr. Felix Matos** - Post-Doctoral Fellow, Primary Mentor (6-2017 to present).

Graduate Student Committees:

UTEP Psychology Department

1. **Dr. Luis Natividad** - Primary Mentor (1-2005 to 5-2012). Master's thesis title, "Characterization of the behavioral and neurochemical effects of nicotine withdrawal in adolescent and adult rats" was completed on 4-30-09. Dissertation title, "Examination of the neurochemical mechanisms that mediate nicotine withdrawal in adolescent and adult rats" was completed on 4-30-12. Awarded the Diversity in Neuroscience Fellowship from the American Psychological Association and recipient of a NIH Ruth Kirschstein Pre-Doctoral Fellowship. Awarded the National Hispanic Science Network Outstanding Student Award and the Diana Natalicio Graduate School Fellowship. Dr. Natividad is a post-doctoral trainee at the Scripps Research Institute on a K99 training award.
2. **Dr. Oscar Torres** - Primary Mentor (6-2005 to 4-2013). Master's thesis title, "Developmental differences to the rewarding effects of nicotine" was completed on 11-1-07. Dissertation title, "Characterization of the behavioral, biochemical, and molecular indices of stress produced by nicotine exposure and withdrawal in male and female rats" was completed 12-7-2012. Awarded the Dodson Graduate School Fellowship and the Outstanding Dissertation Thesis in Psychology. Dr. Torres was a post-doctoral fellow at NIDA and he is currently a tenure-track professor at Mesa Community College in San Diego, CA.
3. **Alice Hernandez**, **M.A.** - Master's Thesis Committee Member (6-2014 to 5-2015). Thesis title, "Electrical stimulation evokes exocytosis-like dopamine release and rotational behavior in vivo" was completed 5-13-2015.
4. **Mabel Terminel, M.A.** - Master's Thesis Committee Member (7-2014 to 6-2015). Thesis title, "Dopamine regulation of disengagement at the basal ganglia circuitry" was completed 6-11-2015.
5. **Zachary Steele** - Primary mentor (8-2013 to 8-2014). Zachary is currently pursuing his MBA at St. Edwards University.
6. **Dr. Joseph Pipkin, -** Primary Mentor (8-2012 to 12-2016). Dissertation title, "Examination of the rewarding effects of nicotine and the negative effects of withdrawal in a rodent model of diabetes" was completed 11-29-16. Dr. Pipkin is a post-doctoral fellow in the BUILDING Scholars Program.
7. **Rodolfo Flores, M.A**. - Primary Mentor (8-2014 to present). Master's Thesis title, "*Characterization of sex differences in the reinforcing effects of nicotine"* was completed 3-23-2017.
8. **Bryan Cruz** - Primary Mentor (8-2015 to present).
9. **Kevin Uribe, M.A. -** Primary Mentor (8-2015 to present).
10. **Jeremiah Ramos, M.A.** - Master's Thesis Committee Member (8-2016 to 4-2017). Thesis title, "The impact of dopaminergic lesions on cognition: Insights of non-motor Parkinson's disease symptomotology" was completed 4-9-2017.

UTEP Biological Sciences Department

1. **Oscar Sanchez, M.A**. - Master's Thesis Committee Chair, Thesis title, "Differential effects of in utero exposure to methanesulfonyl floride (MSF) on two different spatial memory tasks" was completed 5-28-2005.
2. **Jose Lozano M.A**. - Master's Thesis Committee Member, Thesis title, "Neocortical proteome comparison of socially conditioned rats with various odors" was completed on 8-2-2005.
3. **Dr. Shuwen Liang** - Dissertation Committee Member, Thesis title, "Effect of diet and sex on changes in gene expression and behavioral responses to chronic stress" was completed 4-9-2007.
4. **Samantha Chagra, M.A.** - Master's Thesis Committee Member, Thesis title, "Effects of chronic stress on neuronal pathways involved in feeding" was completed 12-4-2007.
5. **Christine Delgado, M.A.** - Master's Thesis Committee Member, Thesis title, "The effect of exogenous leptin on murine dendritic cells' morphology and function" was completed on 8-3-2009.
6. **Lorena DeSantos, M.A.** - Master's Thesis Committee Member, Thesis title, "Altered leptin signaling on dendritic cells as a potential mechanism for cancer immunotherapy" was completed 9-18-2010.
7. **Dr. Jaidee Zavala** - Dissertation Committee Member, Dissertation title, "Gender differences in the processing of acute and chronic stress" was completed 4-22-2011.
8. **Joe Luevano, M.A.** - Master's Thesis Committee Member, Thesis title, "The role of stress in escalation of methamphetamine self-administration" was completed 5-11-2012.
9. **Dr. Yenni Garcia** - Dissertation Committee Member, Dissertation title, "A regulatory role for SGTa in the maturation and activation of steroid hormone receptors" was completed 11-18-2011.
10. **Dr. Susana Barrera** - Dissertation Defense Committee Member, Thesis proposal title, "Regulation of the glycine transporter1 by PKC-alpha dependent ubiquitination" was completed on 11-1-2013.
11. **Dr. Jorge Sierra** - Dissertation Defense Committee Member, Dissertation title, "Gbg-microtubule mediated mechanism of neuronal differentiation" was completed 2-26-2014.
12. **Sarah Chenausky, M.A**. - Master's Thesis Committee Member, Thesis title, "Structural and functional organization of hindbrain regions that receive vagal sensory input and that respond to glycemic challenge" was proposed on 6-19-2014 and successfully defended 12-8-2014.
13. **Dr. Chris D'Arcy** - Dissertation Defense Committee Co-Chair, Dissertation title, "Stress modulation of methamphetamine escalation in rats" was successfully defended on 7-27-2015.
14. **Anais Martinez** - Dissertation Committee Member, Dissertation proposal title, Chemoarchitecture and connections of the arcuate nucleus of the hypothalamus in the adult male rat" was proposed 12-8-2015.
15. **Sebastian Pace** - Master's Thesis Committee Member, Thesis title, "Characterization of a medial prefrontal cortex-caudal pontine reticular nucleus connection relevant to sensorimortor gating" was completed 12-8-2016.
16. **Jameel Hamdan** - Dissertation Committee Member, Thesis proposal title, "Effects of Early Life Stress on Addiction Mechanisms and Behaviors in Adulthood" was presented 11-29-2016.
17. **Ashley Payan** - Master's Thesis Committee Member, Thesis title, "Development and characterization of FKBP52-specific inhibitors for the treatment of castration-resistant prostate cancer" was proposed 5-18-2017.

The Scripps Research Institute

1. **Jenny Treweek** - Dissertation Defense Committee Member, Dissertation title, "The effects of anti-addiction vaccines on methamphetamine self-administration in rats" was completed 2-11-2011.
2. **Amira Moreno** - Dissertation Defense Committee Member, Dissertation title, "Immuno-pharmacotherapy: Towards the creation of effective vaccines against drugs of abuse" was completed 3-22-2012.

Texas Tech University

1. **Ismael Segura** - Dissertation Defense Committee Member, Proposal title, "The role of alpha-synuclein on inhibition of histone deacetylases" was presented 6-30-2014.

Interdisciplinary Research Training Institute (IRTI)

1. **Erika Perez, Ph.D.** - External Mentor in the IRTI training program (2012-2014). Dr. Perez is a post-doctoral fellow in the Department of Neuroscience in Psychiatry at the University of Pennsylvania. Dr. Perez and I organized a panel on effective mentoring strategies at the IRTI meeting in 2014.
2. **Natalia A. Quijano Carde, Ph.D.** - External Mentor in the IRTI training program (2017-present). Dr. Carde is a graduate student in the Department of Psychiatry at the University of Pennsylvania.

University of Texas Medical Branch

1. **Elizabeth Crofton, Ph.D.** - External Dissertation Committee Member, Dissertation entitled, "Cellular mechanisms of environmental enrichment: Novel discovery-based strategies for target identification for neuropsychiatric disorders" was completed 7-11-2017.

UTEP undergraduate mentees

1. **Hugo Tejeda, Ph.D**. - (5-2006 to 9-2008) Career Opportunities in Research Fellow and was awarded a Pre-doctoral Ford Foundation Fellow to conduct graduate studies at UTEP. He was also awarded a Faculty Undergraduate Neuroscience Travel Award to from the Society for Neuroscience in 2007. Hugo completed his undergraduate honors thesis in my laboratory. Hugo was awarded his Ph.D. in Neuroscience from The University of Maryland in 2013. He is now a post-doctoral fellow at NIDA and received a K99 grant award.
2. **Sofia Blanca Beas, Ph.D.** - (5-2007 to 8-2009) Minority Access to Research Careers Fellow and was awarded a NIDA training fellowship in 2009. Sofia completed her undergraduate honors thesis in my laboratory. She was awarded her Ph.D. from the University of Florida in Neuroscience in 2015. She is now a post-doctoral fellow at NIMH.
3. **Isabelle Villalobos** - (8-2006 to 4-2007) Undergraduate student volunteer.
4. **Cecilia Brooke Chokla** - (6-2007-9-2007) Undergraduate student volunteer.
5. **Paloma Alvarez** - (2-2007 to 8-2007) Undergraduate student volunteer.
6. **Francisco Roman** - (3-2008 to 8-2009) Undergraduate Research Technician who was originally part of the NIDA summer training program. Paco completed his Pharmacy degree from The University of Texas at Austin in 5-2013.
7. **Evelyn Escalante** - (4-2009 to 3-2011) Undergraduate student that worked in my laboratory as part of the Biology Undergraduate Research Scholars Program.
8. **Ivan Torres** - (7-2009 to 8-2012) Undergraduate student volunteer and research technician. Ivan is currently in the Nursing program at UTEP.
9. **Vanessa Valenzuela** - (6-2010 to 1-2013) Undergraduate student volunteer who was a part of the Bridges to the Baccalaureate Program.
10. **Jonathan Jackson** - (8-2010 to 8-2012) Undergraduate student who was part of the Minority Access to Research Careers Program.
11. **Adrian Muniz** - (6-2008 to 8-2012) Undergraduate student volunteer who began working in the laboratory as part of the Bridges Program and then as part of the Biology Undergraduate Research Scholar program. Adrian is a medical student at UT Southwestern.
12. **Julio Chaparro** - (5-2012 to 7-2012) Undergraduate student who worked in my laboratory as part of the summer training program in Neuroscience.
13. **Nicole Kimura** - (5-2012 to 7-2012) Undergraduate student who worked in my laboratory as part of our summer training program in Neuroscience. Nicole is currently a graduate student in the Department of Psychology at UTEP.
14. **Jesus Jurado** - (1-2012 to 9-2013) Undergraduate student volunteer who was part of the RISE program in Biological Sciences. Received a Minority Undergraduate Internship Award from the American Diabetes Association (2-2013).
15. **Arturo Orona** - (1-2006 to present) Graduate student volunteer.

16. **Patrick Ferree** - (1-2013 to 8-2014) Research Technician. Patrick is a graduate student in the Molecular and Cell Biology Department at Duke University.
17. **Rodolfo Flores** - (6-2013 to 8-2013) Undergraduate student who was a part of our summer training program in neuroscience. He won Best Poster award at the final poster symposium of the summer programs. Rodolfo is currently a graduate student in my laboratory.
18. **Christian Tejeda** - (6-2013 to 6-2015) Research Technician. Chris began working in my laboratory as an undergraduate student as part of our summer training program in Neuroscience. Chris was a NIDA summer fellow at UTEP in 2015.
19. **Cecilia Hinojosa** - (6-2013 to 8-2016) Research Technician. Cecilia began as an undergraduate student as a NIDA summer fellow. In Fall 2013, she was awarded an Undergraduate Fellowship through the UTEP College of Undergraduate Research Initiatives (COURI). She won 2 best poster awards at the UTEP COURI symposium and the VIDA conference. She is a graduate student at Tufts University in the Experimental Psychology graduate program.
20. **Sarah Woldermariam** - (6-2014 to 8-2014) Undergraduate student who was a part of our summer training program in neuroscience. Sarah is an undergraduate student at University of Massachusetts Amherst.
21. **Emily Withrow** - (6-2014 to 8-2014) Undergraduate student who was part of our summer training program in neuroscience. Emily is an undergraduate student at St. Edwards University.
22. **Ibette Valle** - (6-2013 to 8-2014) Undergraduate student who worked in my laboratory as a NIDA summer fellow. Ibette is a graduate student at the University of Washington.
23. **Victoria Edwards** - (6-2014 to 4-1-2016) Undergraduate student volunteer. She was a NIDA summer internship in 2015 at University of North Carolina and in 2016 at UT Austin.
24. **Rosa Garcia-Hernandez** - (6-2015 to 8-2015) Undergraduate student who was a part of our summer training program in neuroscience. She is an undergraduate at University of Michigan.
25. **Keegan Loveless** - (6-2015 to 8-2015) Undergraduate student who was a part of our summer training program in neuroscience. He is an undergraduate at Virginia Commonwealth University.
26. **Adriana Perez** - (6-2014 to 8-2016) Undergraduate student volunteer and research technician. She completed her undergraduate Honor's Thesis in my laboratory.
27. **Tiahna Ontiveros** - (1-2015 to 8-2016) Undergraduate student volunteer. She was awarded a NIDA summer training fellowship in 2015 at CUNY in their Department of Neuroscience. She is a post-baccalaureate fellow at The University of New Mexico.
28. **Robert Martinez** - (6-2015 to present) Undergraduate student volunteer and NIDA summer Fellow in 2016 at University of Arkansas Medical School.
29. **Evangelina Espinosa** - (6-2016 to present) Undergraduate student volunteer as part of the RISE program.
30. **Candy Ramirez** - (6-2016 to 8-2016) Undergraduate student who was a part of our summer training program in neuroscience. She is an undergraduate in the Department of Neuroscience at Smith College.
31. **Israel Garcia** - (6-2016 to 8-2016) Undergraduate student who was a part of our summer training program in neuroscience. He is an undergraduate student at California State San Bernardino.
32. **Alex Lopez** - (8-2016 to 7-2017) High school student who was a part of our summer training program in neuroscience. She served as our laboratory manager.
33. **Melissa Ibarra** - (6-2015 to present) Undergraduate student who was a part of our summer training program in neuroscience. She serves as our laboratory manager.
33. **Grace Hendricks -** (6-2017 to present) Undergraduate student who is a part of the BUILD program. Won Best Poster Award at the final summer student symposium.
33. **Clarissa Rosa -** (6-2017 to present) High School Teacher who is a part of our summer training program in neuroscience.

PROFESSIONAL AFFILIATIONS

College on Problems of Drug Dependence Member (Membership Committee 2014)
International Behavioral Neuroscience Society Member

International Drug Abuse Research Society Member
International Society for Biomedical Research on Alcoholism Member
National Hispanic Science Network on Drug Abuse (Early Career Panel Chair 2010-2011, Steering Committee Member 2016-present, Conference Chair 2017)
Research Society on Alcoholism Member
Society for Neuroscience Member
Rio Grande Society for Neuroscience Member (Local Chapter Secretary 2014)
Society for Research on Nicotine and Tobacco Member

GRANT REVIEW COMMITTEES

10-1-2016	Permanent member for Scientific Review study section, *Neurobiology of Motivated Behavior (NMB).*
2-18-2016	Reviewer for the *Tobacco-Related Disease Research Program* (TRDRP) of The State of California.
6-11-2015	Reviewer for the Center for Scientific Review special emphasis panel, *Summer Research Experience Programs* (ZNS1 SRB-E05).
10-9-2014	Reviewer for the Center for Scientific Review study section, *Neurobiology of Motivated Behavior (NMB).*
6-25-2014	Reviewer for the Center for Scientific Review panel, *Fellowships: Behavioral Neuroscience* (ZRG F02A-J20L).
6-4-2014 and 11-17-2013	Reviewer for the Center for Scientific Review panel, *Tobacco Control Regulatory Research* (PAR 12-267).
5-1-2013	Reviewer for the *Arizona Institute for Mental Health Research Board*.
1-15-2012	Reviewer for Center for Scientific Review special emphasis panel, *Specialized Centers of Research on Sex Differences*.
2-1-2009 to 6-1-2013	Permanent member of the Center for Scientific Review study section, *Biobehavioral Regulation of Learning and Ethology (BRLE)*.
7-1-2010	Reviewer on the Center for Scientific Review special emphasis panel, *Risk, Prevention and Health Behavior*.
3-24-2009	Reviewer on the Center for Scientific Review special emphasis panel, *Motor Function, Speech Rehabilitation*.
9-20-2008	Reviewer for the Department of Defense American Institute of Biological Sciences Peer Review Medical Research Program panel, *Alcoholism, Drug Abuse and Social Work*.
12-8-2008	Reviewer for the Canadian Tobacco Control Research Initiative.

SERVICE ACTIVITIES

University Service:

2017	Performance Annual Review Form (PARF) Committee Member
2015-present	Advisory Board Member of the UTEP College of Undergraduate Research Initiatives (COURI) Program
2015-present	Course Evaluation Coordinator for the Department of Psychology
2014	Behavioral Neuroscience Faculty Search Committee Co-Chair for the Department of Psychology
2013-2014	College of Liberal Arts Tenure and Promotion Committee Member
2013	Attending Veterinarian Search Committee Member
2012-present	Institutional Animal Care and Use Committee Member
2013-present	Animal Research Council Member
2010-2013	Editor of the Psychology Department Newsletter
2013-present	Psychology Department Facebook page Manager

2011-2012	Performance Annual Review Form (PARF) Committee Member; Chair of the committee in 2012
2010	Neuroscience Faculty Search Committee Member for the Department of Biological Sciences
2009-2015	Graduate Program Committee
2009 and 2010	Graduate School Outstanding Dissertation Selection Committee Member
2007	Neuroscience Faculty Search Committee Member for Department for the Department of Biological Sciences
2007	Departmental Chair Search Committee Member for the Department of Psychology
2006	Dean of College of Science Search Committee Member

External Service:

2017	Conference Chair for The National Hispanic Science Network 2017 annual meeting.
2015-present	Scientific Advisory Board Member for the XDA (Experimental Design Assistant) project sponsored by NIH/NIDA.
2015-present	Committee Member of the Endowment Fund for Racial and Ethnic Diversity
2014-2016	*Rio Grande Society for Neuroscience* Chapter Member; Secretary in 2014
2008-present	Executive Committee of the NIH-funded Interdisciplinary Research Training Institute. Responsibilities include consultation regarding the biomedical component of the curriculum and serving as a faculty member and mentor for selective fellows in the program.
2010-2011	Chair of the Early Career Leadership Committee and the Steering Committee of the *National Hispanic Science Network*. Responsibilities include managing committee goals, monthly conference calls, and planning various activities at the annual meeting such as the early career oral panel session.
2009 and 2017-present	Steering Committee Member for *The National Hispanic Science Network* on Drug Abuse.
2007 and 2008	Program Committee Member for *The Society for Research on Nicotine and Tobacco*. Responsibilities included choosing the meeting speakers, reviewing abstracts and other planning activities.