

Curriculum Vitae
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DATE OF BIRTH: May 25, 1956

PLACE OF BIRTH: El Paso, Texas

ACADEMIC BACKGROUND

Ph.D. (Psychobiology), University of Michigan, Ann Arbor, Michigan (1980-1987)

- Dissertation Co-chairs: Dr. Jill B. Becker and Dr. Terry E. Robinson

M.A. (General Psychology), University of Texas at El Paso, El Paso, Texas (1978-1980)

- Thesis Chair: Dr. Don E. Moss

B.S. (Psychology), University of Texas at El Paso, El Paso, Texas (1974-1978)

PROFESSIONAL RESEARCH AND WORK EXPERIENCE

Since 2014	The Helen M.C. and J. Edward Stern Endowed Professor of Psychology
2007-2013	Professor & Chair, Department of Psychology, University of Texas at El Paso
2009-2014	Co-Director, Hispanic Health Disparities Research Center, University of Texas at El Paso
1996-2007	Associate Professor, Department of Psychology, Arizona State University
2001	Affiliated Faculty, Molecular and Cellular Biology Program, Arizona State University
Fall, 1996	Adjunct Associate Professor, Department of Psychology, University of Texas at El Paso
1990-1996	Assistant Professor, Department of Psychology, Arizona State University
1987-1990	Postdoctoral Fellow, Alberta Heritage Foundation for Medical Research Fellowship. Department of Psychology, University of Lethbridge (Sponsor: Dr. I.Q. Whishaw)
1980-1987	Research Assistant to Dr. Terry E. Robinson and Dr. Jill B. Becker, Department of Psychology (Psychobiology program), University of Michigan
1978-1980	Research Assistant to Dr. Don E. Moss, Department of Psychology (Psychobiochemistry Laboratory), University of Texas at El Paso
1977	Diagnostic Assistant for Dr. Guido Barrientos (Professor of Psychology, University of Texas at El Paso), Texas State Center for Mental Health and Mental Retardation

PUBLICATIONS (35)

- Moss, D.E., McMaster, S.B., **Castañeda**, E. and Johnson, R.L. (1980) An automated method for studying stereotypical gnawing. Psychopharmacology, 69:267-269.
- Becker, J.B., **Castañeda**, E., Robinson, T.E. and Beer, M.E. (1984) A simple in vitro technique to measure the release of endogenous dopamine and dihydroxyphenylacetic acid from striatal tissue using high performance liquid chromatography with electro-chemical detection. J. Neurosci. Methods, 11:19-28.
- Castañeda**, E., Robinson, T.E. and Becker, J.B. (1985) Involvement of nigrostriatal dopamine neurons in the contraversive rotational behavior evoked by electrical stimulation of the lateral hypothalamus. Brain Res., 327:143-151.
- Robinson, T.E., Becker, J.B., Moore, C.J., **Castañeda**, E. and Mittleman, G. (1985) Enduring enhancement in frontal cortex dopamine utilization in an animal model of amphetamine psychosis. Brain Res., 343:374-377.
- Mittleman, G., **Castañeda**, E., Robinson, T.E. and Valenstein, E.S. (1986) The propensity for non-regulatory ingestive behavior is related to differences in dopamine systems: Behavioral and biochemical evidence. Behav.

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- Robinson, T.E., Becker, J.B., Young, E.A., Akil, H. and **Castañeda**, E. (1987) The effects of footshock stress on regional brain dopamine metabolism and pituitary β -endorphin release in rats previously sensitized to amphetamine. Neuropharmacology, 26:679-691.
- Castañeda**, E., Becker, J.B. and Robinson, T.E. (1988) The long-term effects of repeated amphetamine treatment in vivo on amphetamine, KCl and electrical stimulation evoked striatal dopamine release in vitro. Life Sci., 42:2447-2456.
- Castañeda**, E., Whishaw, I.Q., Lerner, L. and Robinson, T.E. (1990) Dopamine depletion in neonatal rats: Effects on behavior and striatal dopamine release assessed by intracerebral microdialysis during adulthood. Brain Res., 508:30-39.
- Castañeda**, E., Whishaw, I.Q. and Robinson, T.E. (1990) Changes in striatal dopamine neurotransmission assessed with microdialysis following recovery from a bilateral 6-OHDA lesion: variation as a function of lesion size. J. Neurosci., 10:1847-1854.
- Robinson, T.E., **Castañeda**, E. and Whishaw, I.Q. (1990) Compensatory changes in striatal dopamine neurons following recovery from injury induced by 6-OHDA or methamphetamine: A review of evidence from microdialysis studies. Can. J. Psych.: special issue on recovery of function, 44:253-275.
- Castañeda**, E., Moss, D.E., Oddie, S.D. and Whishaw, I.Q. (1991) THC does not affect striatal dopamine release: microdialysis in freely moving rats. Pharmac. Biochem. Behav., 40:587-591.
- Castañeda**, E., Whishaw, I.Q. and Robinson, T.E. (1992) Recovery from lateralized neocortical damage: dissociation between amphetamine-induced asymmetry in behavior and striatal dopamine neurotransmission in vivo. Brain Res., 571:248-259.
- Whishaw, I.Q., Fiorino, D., Mittleman, G. and **Castañeda**, E. (1992) Do forebrain structures compete for behavioral expression?: Evidence from amphetamine-induced behavior, microdialysis, and caudate-accumbens lesions in medial frontal cortex damaged rats. Brain Res., 576:1-11.
- Whishaw, I.Q., **Castañeda**, E. and Gorny, B.P. (1992) Dopamine and skilled limb use in the rat: more severe bilateral impairments follow substantia nigra than sensorimotor cortex 6-hydroxydopamine injection. Behav. Brain Res., 47:89-92.
- Robinson, T.E., **Castañeda**, E. and Whishaw, I.Q. (1993) Effects of cortical serotonin depletion induced by 3,4-methylenedioxymethamphetamine (MDMA) on behavior, before and after additional cholinergic blockade. Neuropsychopharmacology, 8:77-85.
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- Neisewander, J.L., **Castañeda**, E. and Davis, D.A. (1994) Dose-dependent differences in the development of reserpine-induced oral dyskinesia in rats: support for a model of tardive dyskinesia. Psychopharmacology, 116:79-84.
- Whishaw, I.Q., Gorny, B., Tran-Nguyen, L.T.L., **Castañeda**, E., Miklyaeva, E.I. and Pellis, S.M. (1994) Making two movements at once: impairments of movement, posture, and their integration underlie the adult skilled reaching deficit of neonatally dopamine-depleted rats. Behav. Brain Res., 61:65-77.
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- Friedman, S.D., **Castañeda**, E. and Hodge, G.K. (1998) Long-term monoamine depletion, differential recovery, and subtle behavioral impairment following methamphetamine-induced neurotoxicity. Pharmacol. Biochem. Behav., 61:35-44.
- Hagan, M.M., **Castañeda**, E., Sumaya-Smith, I.C., Fleming, S.M., Galloway, J. and Moss, D.E. (1998) The effect of hypothalamic Peptide YY on hippocampal acetylcholine release in vivo: Implications for limbic function in

- binge-eating behavior. *Brain Res.*, 805:20-28.
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- Trujillo, K.A., **Castañeda**, E., Martínez, D. and González, G. (2006) Biological research on drug abuse and addiction in Hispanics: current status and future directions. *Drug and Alcohol Dependence*, 84S:S17-S28.
- Chandler-Laney, P.C., **Castañeda**, E., Viana, J.B., Oswald, K.D., Maldonado, C.R. and Boggiano, M.M. (2007) A history of human-like dieting alters serotonergic control of feeding and neurochemical balance in a rat model of binge-eating. *Int. J. Eat. Disord.*, 40:136-142.
- Chandler-Laney, P.C., **Castañeda**, E., Pritchett, C.E., Smith, M.L., Giddings, M., Artiga, A.I. and Boggiano, M.M. (2007) A history of caloric restriction induces neurochemical and behavioral changes in rats consistent with models of depression. *Pharmacol. Biochem. Behav.*, 87:104-114.
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NON-REFEREED PUBLICATION

- Trujillo, K.A., **Castañeda**, E., Martinez, D., Thompson, K. & González, G. (2003) Chapter 2: Neuroscience Research on Hispanic Drug Abuse. In: H. Amaro, & D.E. Cortés (Eds.) National Strategic Plan on Hispanic Drug Abuse Research: From Molecule to the Community. National Hispanic Science Network on Drug Abuse Publication. Funded by the Robert Wood Johnson Foundation.

PUBLISHED ABSTRACTS

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- Castañeda**, E., Becker, J.B. and Robinson, T.E. (1983) A simple technique for the in vitro measurement of endogenous dopamine release. Poster presented at the 13th Annual Society for Neuroscience Meetings, Boston, Massachusetts. *Society for Neuroscience Abstracts*, 9:997.
- Castañeda**, E., Becker, J.B., Wilcox, R. and Robinson, T.E. (1985) Sensitization to amphetamine is accompanied by enhanced striatal dopamine release. Poster presented at the 15th Annual Society for Neuroscience Meetings, Dallas, Texas. *Society for Neuroscience Abstracts*, 11:499.
- Robinson, T.E., Becker, J.B., Moore, C.J., **Castañeda**, E. and Mittleman, G. (1985) Enduring enhancement in mesocortical dopamine utilization in an animal model of amphetamine psychosis. Poster presented at the 15th Annual Society for Neuroscience Meetings, Dallas, Texas. *Society for Neuroscience Abstracts*, 11:499.
- Castañeda**, E., Becker, J.B. and Robinson, T.E. (1986) Depolarization-induced striatal dopamine release in rats sensitized to amphetamine. Poster presented at the 16th Annual Society for Neuroscience Meetings, Washington, D.C. *Society for Neuroscience Abstracts*, 12:1141.
- Robinson, T.E., Becker, J.B., Young, E., Akil, H. and **Castañeda**, E. (1986) Neural and endocrine responses to footshock stress in rats sensitized to amphetamine. Poster presented at the 16th Annual Society for

- Neuroscience Meetings, Washington, D.C. Society for Neuroscience Abstracts, 12:1482.
- Castañeda**, E., Whishaw, I.Q. and Robinson, T.E. (1989) Residual extracellular dopamine concentrations in an animal model of Parkinson's disease: An in vivo intracerebral microdialysis study. Poster presented at the 1st International Symposium on Microdialysis and Allied Techniques, Indianapolis, Indiana. Current Separations, 9:104.
- Castañeda**, E., Whishaw, I.Q. and Robinson, T.E. (1989) Changes in extracellular dopamine concentrations measured by in vivo intracerebral microdialysis after dopamine depletion. Poster presented at the 19th Annual Society for Neuroscience Meetings, Phoenix, Arizona. Society for Neuroscience Abstracts, 15:559.
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- Castañeda**, E., Fiorino, D., Mittleman, G. and Whishaw, I.Q. (1991) Extracellular monoamine levels are dissociated from changes in locomotor activity following medial prefrontal cortex ablation. Poster presented at the 21st Annual Society for Neuroscience Meetings, New Orleans, Louisiana. Society for Neuroscience Abstracts, 17:1247.
- Neisewander, J.L., **Castañeda**, E. and Davis, D.A. (1992) Reserpine-induced oral dyskinesia in rats: effect of dose and comparison to tetrabenazine. Poster presented at the 22nd Annual Society for Neuroscience Meetings, Anaheim, California. Society for Neuroscience Abstracts, 18:1071.
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- Pellis, S.M., Whishaw, I.Q., McKenna, M.M. and **Castañeda**, E. (1992) The role of the striatum in organizing complex behaviors as revealed by play in neonatally 6-OHDA depleted rats. Poster presented at the 22nd Annual Society for Neuroscience Meetings, Anaheim, California. Society for Neuroscience Abstracts, 18:884.
- Li, Y.-H., **Castañeda**, E., Gustavson, C. & Gustavson, J. (1993) Long-term treatment with 17 β -estradiol produces chronic weight loss and frequent shifts of food preferences in rat. Poster presented at the 23rd Annual Society for Neuroscience Meetings, Washington, D.C. Society for Neuroscience Abstracts, 19:1821
- Neisewander, J.L., Elson, H., **Castañeda**, E. & Davis, D.A. (1993) Reserpine-induced oral dyskinesia is attenuated by 6-hydroxydopamine lesions in rats. Poster presented at the 23rd Annual Society for Neuroscience Meetings, Washington, D.C. Society for Neuroscience Abstracts, 19:1830.
- Luevano, V., Rasmussen, E. & **Castañeda**, E. (1994) Comparison of intracranial and systemic administration of trimethyltin on hippocampal damage. Poster presented at the 24th Annual Society for Neuroscience Meetings, Miami Beach, Florida. Society for Neuroscience Abstracts, 20:1654.
- Castañeda**, E., Whishaw, I.Q., Davidson, M., Schuster, L., Daugherty, T. and Li, Y.-H. (1995) Changes in dialysis measures of striatal monoamines and amphetamine-evoked rotational behavior after electrolytic lesion of the nigrostriatal bundle. Poster presented at the 25th Annual Society for Neuroscience Meetings, San Diego, California. Society for Neuroscience Abstracts, 21:2090.
- Tran-Nguyen, L.T.L. and **Castañeda**, E. (1995) Relation between electrically evoked rotational behavior and dopamine overflow in the caudate nucleus and nucleus accumbens. Poster presented at the 25th Annual Society for Neuroscience Meetings, San Diego, California. Society for Neuroscience Abstracts, 21:1689.
- Duvauchelle, C.L., Kressin, K., Neisewander, J.L. and **Castañeda**, E. (1995) Conditioned place preference and locomotion, but no conditioned dopamine release after exposure to cocaine-paired environment. Poster presented at the 25th Annual Society for Neuroscience Meetings, San Diego, California. Society for Neuroscience Abstracts, 21:1957.
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- Hagan, M.M., **Castañeda**, E., Fleming, S.M. and Moss, D.E. (1997) Peptide YY (PYY) infusion into the hypothalamus alters acetylcholine (ACh) release in the hippocampus (HPC). Poster presented at the Society for the Study of Ingestive Behavior, Baltimore, MD. July 16-19.

- Fleming, S.M., Boat, K.A., Moffett, J., Lieberman, A., **Castañeda**, E. and Stachowiak, M. (1997) Survival of transiently transfected fibroblasts and astrocytes expressing recombinant TH and b-GAL following transplantation into the rat striatum. Poster presented at the 27th Annual Society for Neuroscience Meetings, New Orleans, Louisiana. Society for Neuroscience Abstracts, 23:1999.
- Hagan, M.M., **Castañeda**, E., Fleming, S.M., Galloway, J. and Moss, D.E. (1997) Hyperphagia evoked by hypothalamic infusion of Peptide YY (PYY) is accompanied by increased release of acetylcholine (ACh) in the hippocampus (HPC). Poster presented at the 27th Annual Society for Neuroscience Meetings, New Orleans, Louisiana. Society for Neuroscience Abstracts, 23:256.
- Duvauchelle, C.L., Ikegami, A., Robens, J., Asami, S. and **Castañeda**, E. (1997) Importance of context in behavioral and neurochemical sensitization to cocaine. Poster presented at the 27th Annual Society for Neuroscience Meetings, New Orleans, Louisiana. Society for Neuroscience Abstracts, 23:1105.
- Fleming, S.M., Boat, K.A., **Castañeda**, E. and Stachowiak, M.K. (1998) Improvement of rotational behavior but not of sensory neglect following transplantation of astrocytes transduced with tyrosine hydroxylase cDNA. Poster presented at the 28th Annual Society for Neuroscience Meetings, Los Angeles, California. Society for Neuroscience Abstracts, 24:558.
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- Paquette, M.A., Maher, P.A., Moffett, J., **Castañeda**, E., Bloom, D.C. and Stachowiak, M.K. (2000) Regulation of cell cycle, differentiation, and survival of PC-12 cells by FGF-2 and FGFR1. Poster presented at the 30th Annual Society for Neuroscience Meetings, New Orleans, Louisiana. Society for Neuroscience Abstracts, 26:1094.
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- Reilly, M.P., Avila, I., Posadas-Sánchez, D., Chavez, C. L., Banerjee, N., **Castañeda**, E. and Killeen, P. (2001) Modeling operant behavior in the Parkinsonian rat. Poster presented at the 31st Annual Society for Neuroscience Meetings, San Diego, California. Society for Neuroscience Abstracts, 27:Program No. 540.2.
- Avila, I., Tran, R.K., Austin, S., Manfredsson, F., Banerjee, N., Chavez, C., Paquette, M.A., **Castañeda**, E., and Bloom, D. C. (2002) Retrograde and Anterograde Axonal Transport in the Nigrostriatal Pathway of Herpes Simplex Virus Type-1 Mutant Defective in the Immediate Early Gene Encoding ICP4. Program No. 387.10. 2002 Abstracts Viewer/Itinerary Planner. Washington, D.C.: Society for Neuroscience Meeting, Orlando, Florida. CD-ROM.
- Avila, I., Reilly, M.P., Posadas-Sánchez, D., Chavez, C. L., Banerjee, N., **Castañeda**, E. and Killeen, P. (2003). Modeling operant behavior in the Parkinsonian rat. Program No. 948.10. 2003 Abstracts Viewer/Itinerary Planner. Society for Neuroscience Meeting, New Orleans, Louisiana.
- Paquette, M.A., Austin, S.A. and **Castañeda**, E. (2003). Differential Sensitivity of Amphetamine-Evoked Rotational Behavior to Dopamine Synthesis Blockade Early Versus Late after Unilateral Intranigral 6-OHDA. Program No. 535.17. 2003 Abstracts Viewer/Itinerary Planner. Society for Neuroscience Meeting, New Orleans, Louisiana.
- Paquette, M.A., Marsh, S. and **Castañeda**, E. (2004) Differential Sensitivity of Amphetamine-Evoked Rotation to Dopamine Synthesis Blockade After Cortical Versus Nigral Damage. Program No. 685.8. 2004 Abstracts Viewer/Itinerary Planner. Society for Neuroscience Meeting, San Diego, California.
- Boggiano, M. M., Chandler P.C. and **Castañeda**, E. (July, 2005) The impact of dieting, stress and forbidden foods to increase meal size in rats via changes in opioid and monoamine systems. Society for the Study of Ingestive Behavior, Pittsburgh, Pennsylvania.
- Chandler, P.C., **Castañeda**, E., Artiga, A.I., Eldridge, A.J., Maddox, L.C., Cameron, C.R. and Boggiano, M.M. (July, 2005) A history of dieting and intermittent palatable food alters forebrain monoamine levels in ways consistent with depression, impulsivity, and binge-eating. Society for the Study of Ingestive Behavior, Pittsburgh,

Pennsylvania.

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- Paquette, M.A. and **Castañeda**, E. (2005) Effects of dopamine synthesis blockade on amphetamine-evoked behavior after unilateral nigral or cortical damage in the rat. Program No. 335.14. 2005 Abstracts Viewer/Itinerary Planner. [Society for Neuroscience Meeting](#), Washington DC.
- Hutchings, J.E., Paquette, M.A. and **Castañeda**, E. (2005) Behavioral asymmetries immediately after unilateral nigral or cortical damage. Program No. 335.15. 2005 Abstracts Viewer/Itinerary Planner. [Society for Neuroscience Meeting](#), Washington DC.
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- Austin, S., Meyers, R.A. and **Castañeda**, E. (2005) Parametric studies of concomitantly evoked in vivo striatal dopamine overflow and rotational behavior by electrical stimulation. Program No. 664.14. 2005 Abstracts Viewer/Itinerary Planner. [Society for Neuroscience Meeting](#), Washington DC.
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- Avila, I., Walters, J. and **Castañeda**, E. (2007) Firing rate and local field potential changes in a basal ganglia output nucleus during walking and rest in the hemiparkinsonian rat. Program No. 622.8/ SS25. 2007 Abstracts Viewer/Itinerary Planner. [Society for Neuroscience Meeting](#), San Diego, California.
- Avila, I., Bergstrom, D.A., Parr-Brownlie, L.C., Ahluwalia, J., **Castañeda**, E. and Walters, J.R. (2008) Basal ganglia output during akinesia and l-dopa-induced rotation and dyskinesias in the hemiparkinsonian rat. Program No. 578.23/QQ25. 2008 Abstracts Viewer/Itinerary Planner. [Society for Neuroscience Meeting](#), Washington DC.
- Natividad, L.N., Tejada, H.A., Torres, O.V., **Castañeda**, E. and O'Dell, L.E. (2008) Robust developmental differences to the neurochemical effects of nicotine withdrawal are not observed following nicotine administration in adolescent versus adult rats. Program No. 360.22/EE28. 2008 Abstracts Viewer/Itinerary Planner. [Society for Neuroscience Meeting](#), Washington DC.
- Tejada, H.A., Natividad, L.N., Torres, O.V., **Castañeda**, E. and O'Dell, L.E. (2008) The behavioral and neurochemical effects produced by kappa-opioid receptor stimulation are diminished in nicotine-dependent adolescent versus adult rats. Program No. 360.14/EE20. 2008 Abstracts Viewer/Itinerary Planner. [Society for Neuroscience Meeting](#), Washington DC.
- Meyers, R.A., Castillo, L., Eisen, T., Erickson, M. and **Castañeda**, E. (2009) Cross-sensitization of electrically-evoked dopamine overflow and rotational behavior in rats displaying amphetamine sensitization. Program No. 66. 2009 Abstracts Viewer/Itinerary Planner. [Society for Neuroscience Meeting](#), Chicago, Illinois.
- Avila, I., Parr-Brownlie, L.C., Brazhnik, E., **Castañeda**, E., Bergstrom, D.A. and Walters, J.R. (2009) Correlations between basal ganglia substantia nigra pars reticulata (SNpr) neuronal output and motor activity in a rodent model of Parkinson's disease. Program No. 567. 2009 Abstracts Viewer/Itinerary Planner. [Society for Neuroscience Meeting](#), Chicago, Illinois.
- Orfila, J.E., Torres, I., Natividad, L.A., **Castañeda**, E., and O'Dell, L.E. (2010) Cholinergic levels in the nucleus accumbens are enhanced in adolescent versus adult rats exposed to nicotine but are similar in both age groups following nicotine withdrawal. Program No. 269.10, Abstracts Viewer/Itinerary Planner. [Society for Neuroscience Meeting](#), San Diego, California.
- Orfila, J.E., Torres, I.D., Natividad, L.A., **Castañeda**, E., and O'Dell, L.E. Examination of cholinergic levels in the nucleus accumbens during nicotine exposure and withdrawal. [Society for Neuroscience](#), 2011.

OTHER PRESENTATIONS

- Castañeda**, E., and Moss, D.E. (1979) Tetrahydrocannabinol and depression. Paper presented at the Annual Southwestern Minority Biomedical Support Convention, Socorro, New Mexico.
- Castañeda**, E., Salome, R. and Moss, D.E. (1980) The effects of tetrahydrocannabinol on 'free' and 'bound' pools of central acetylcholine. Paper presented at the Annual Southwestern Minority Biomedical Support Convention,

Socorro, New Mexico.

- Castañeda**, E., Salome, R. and Moss, D.E. (1980) The effects of tetrahydrocannabinol on 'free' and 'bound' pools of central acetylcholine. Paper presented at the Eighth Annual National Minority Biomedical Support Symposium, Atlanta, Georgia.
- Castañeda**, E., Salome, R. and Moss, D.E. (1980) The effects of tetrahydrocannabinol on 'free' and 'bound' pools of central acetylcholine. Paper presented at the First Annual El Paso Psychological Association Convention, El Paso, Texas.
- Castañeda**, E., Wishaw, I.Q. and Robinson, T.E. (1988) Residual extracellular dopamine concentrations in an animal model of Parkinson's disease: An in vivo intracerebral microdialysis study. Poster presented at the 8th Annual Alberta Heritage Foundation for Medical Research Days Conference, Edmonton, Alberta.
- Robinson, T.E., **Castañeda**, E. and Wishaw, I.Q. (1990) Microdialysis studies of neural recovery and sparing of functions after brain damage. Presented at the Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy, New York, New York. Mar. 5-9.
- Castañeda**, E., Moss, D.E., Oddie, S.D. and Wishaw, I.Q. (1990) Delta-9-tetrahydrocannabinol does not affect mesotelencephalic levels of extracellular dopamine as measured by in vivo microdialysis in freely moving rats. Presented at Marijuana 1990: An International Conference on Marijuana, Kolymbari, Crete. July 7-13.
- Wishaw, I.Q. and **Castañeda**, E. (1991) Dialysis, tissue, and behavioural analyses of the effects of unilateral neocortical damage and bilateral medial frontal cortex damage on striatal monoamines during recovery: dissociations between behavioural and biochemical effects. Oral presentation delivered at the Workshop on Recovery of Function Following Brain Damage, European Brain and Behaviour Society, Goldsmiths' College, London, England. April 11-13.
- Tran, L. and **Castañeda**, E. (1992) Neural and behavioral recovery after dopamine-depleting lesions of the brain. Poster presented at the Rocky Mountain Psychological Association 1992 Convention, Boise, Idaho.
- Davis, D.A., **Castañeda**, E. and Neisewander, J.L. (1993) 6-Hydroxydopamine lesions inhibit development of reserpine-induced oral dyskinesia in rats. Paper presented at 1993 Western Psychological Association Convention, Phoenix, Arizona. April 22 - 25, p. 80.
- Friedman, S., Hodge, G., Hagen, M., Wilbourne, P., Lubow, J. and **Castañeda**, E. (1995) Methamphetamine-induced neurotoxicity impairs morris water-maze performance. Poster presented at the Rocky Mountain Psychological Association 1995 Convention, Boulder, Colorado.
- Castañeda**, E., Wishaw, I.Q., Davidson, M., Schuster, L., Daugherty, T. and Li, Y.-H. (1996) Changes in dialysis measures of striatal monoamines and amphetamine-evoked rotational behavior after electrolytic lesion of the nigrostriatal bundle. Poster presented at the Proceedings of Arizona Neuroscience 1996 Conference, Tucson, Arizona. January 19 - 20.
- O'Dell, L.E., Tran-Nguyen, L.T.L., **Castañeda**, E., Sussman, A.N. and Neisewander, J.L. (1996) Dopamine overflow in the nucleus accumbens of rats during extinction and reinstatement of cocaine self-administration behavior. Poster presented at the Proceedings of Arizona Neuroscience 1996 Conference, Tucson, Arizona. January 19 - 20.
- Castañeda**, E., Wishaw, I.Q., Davidson, M., Schuster, L., Daugherty, T. and Li, Y.H. (1996) Changes in rotational behavior and dopaminergic function assessed with microdialysis after unilateral electrolytic lesion of the nigrostriatal bundle. Poster presented at the Robert S. Flinn Foundation Biomedical Research Enrichment Initiative, Scottsdale, Arizona. May 3-4.
- Fleming, S.M., Boat, K.A., **Castañeda**, E. and Stachowiak, M. (1997) Recovery of function following transplantation of genetically altered primary fibroblasts and astrocytes into a rat model of Parkinson's disease. Poster presented at the Robert S. Flinn Foundation Biomedical Research Enrichment Initiative, Tucson, Arizona. May 9-10.
- Fleming, S.M., Boat, K.A., Moffett, J., Lieberman, A., **Castañeda**, E. and Stachowiak, M.K. (1998) Survival of transiently transfected fibroblasts and astrocytes expressing recombinant TH and β -GAL following transplantation into the rat striatum. Poster presented at the Arizona Chapter Society for Neuroscience Meeting, Phoenix, Arizona. January 9.
- Paquette, M.A., Maher, P.A., **Castañeda**, E., Bloom, D.C. and Stachowiak, M.K. (1998) Subcellular localization of FGFR1 may determine its mitogenic or differentiating action. Poster presented at The Flinn Foundation's Fourth Annual Biomedical Symposium, Tucson, Arizona. December 11-12.
- Castañeda**, E. (1999) Transplantation of astrocytes containing transgenic TH: behavioral effects in the hemiparkinsonian rat. Eleventh Annual Meeting: Canadian Spring Meeting on Behaviour and Brain, Fernie, British Columbia. February 26.
- Castañeda**, E. (2000) Read my lips: Herpes could help Parkinson's patients! Twelfth Annual Meeting: Canadian

- Spring Meeting on Behaviour and Brain, Fernie, British Columbia. February 26.
- Avila, I., Manfredsson, F., Chavez, C., Austin, S., Bahe, L., **Castañeda**, E., Stachowiak, M.K. and Bloom D.C. (2000) Gene Therapy for Parkinson's Disease: parametric studies of HSV/ β -gal expression and behavioral assessment. Poster presented at the Twelfth Annual Minority Fellowship Program in Neuroscience Poster Session during the 30th Annual Society for Neuroscience Meetings, New Orleans, Louisiana. November 4.
- Castañeda**, E. (2001) Dopamine Plasticity in Recovery of Function. Talk delivered at the Grand Opening Symposium for the Canadian Centre for Behavioral Neuroscience. University of Lethbridge, Lethbridge, Alberta, Canada. July 14.
- Castañeda**, E. (2001) Investigations of Extracellular Dopamine Levels Following Brain Damage. Talk delivered at the Society for Advancement of Chicanos and Native Americans in Science (SACNAS) National Conference. Phoenix, AZ. September 28.
- Castañeda**, E. (2002) Chair and Presenter, Panel on Interdisciplinary Perspectives on Hispanic Drug Abuse Research: A Case Study of Craving and Relapse. National Hispanic Science Network on Drug Abuse Conference. Panel Members: Antonio Cepeda-Benito (Texas A&M Univ.), José Szapocznik (Univ. Miami), Frank Vocci (NIDA), Nora Volkow (Brookhaven National Laboratory). Universal City, CA. September 26-28.
- Castañeda**, E. (2004) Dopamine Function from Drug Addiction to Brain Damage. Talk delivered at the Society for Advancement of Chicanos and Native Americans in Science (SACNAS) National Conference. Austin, TX. October 22.
- Boggiano, M. M., Chandler P.C. and **Castañeda**, E. (2005) Animal models of eating disorders. NIMH, Division of Pediatric Translational Research and Treatment Development Conference on "The Early Recognition of Eating Disorders in Children & Adolescents." NIMH, Bethesda, Maryland. Jan. 28.
- Castañeda**, E. (2005) Presynaptic Mechanisms of Cross-sensitization in Stimulant Drug Addiction. Research Forum - Arizona Institute for Mental Health Research. Phoenix, AZ. September 7.
- Arroyo, J., **Castañeda**, E., Frascella, J., Mancilla, Y. (Chair), Page, B., Sesma, M., Turner, R.J., and Zea, M.C. (2005) Grant Writing and Career Development Workshop: "Science in a Fishbowl." Fifth Annual National Hispanic Science Network on Drug Abuse Conference, Coral Gables, FL, September 14. (Panelists in Alphabetical Order)
- Castañeda**, E., Etgen, A. (Chair), Ford, B., Martinez, J., Peña, S. and Townsel, J. (2005) American Psychological Association Diversity Program In Neuroscience Workshop: Developing Grant Skills Through Mock Grant Reviews. Society for Neuroscience Conference, Washington DC. November 12. (Panelist Mock Reviewers in Alphabetical Order)
- Eheart, D., Paquette, M.A., Cranston, K., Baran, S., Conrad, C. and **Castañeda**, E. (2006) Sex differences in the neurotoxic effects of MDMA: effects of L-5-HTP treatment. Sixth Annual National Hispanic Science Network on Drug Abuse Conference, Scottsdale, AZ, September 14.
- Trujillo, K., **Castañeda**, E., Martinez, J.L., Jr., and Molina, P.E. (2007) Mentoring basic scientists. Seventh Annual National Hispanic Science Network on Drug Abuse Conference, Miami Beach, FL, September 27.
- Trujillo, K. and **Castañeda**, E. (2007) Basic science breakout: Datablitz. Seventh Annual National Hispanic Science Network on Drug Abuse Conference, Miami Beach, FL, September 27.
- Avila, I., Parr-Brownlie, L.C., Bergstrom, D.A., **Castañeda**, E. and Walters, J.R. (2008) Beta and low gamma frequency synchronization in basal ganglia output during rest and walk in the hemiparkinsonian rat. Movement Disorder Society Conference 12th International Congress, Chicago, IL, June 26.
- Tejeda, H.A., Torres, O.V., Natividad, L.A., Orfila, J., **Castañeda**, E. and O'Dell, L.E. (2008) Stimulation of kappa opioid receptors elicits nicotine withdrawal in adult but not adolescent rats. Ninth Annual National Hispanic Science Network, Bethesda, MD, October 2.
- Natividad, L.N., Tejeda, H.A., Torres, O.V., **Castañeda**, E. and O'Dell, L.E. (2009) The neurochemical effects of nicotine withdrawal are lower in adolescent versus adult rats. The American Psychological Association Meeting.
- Castañeda**, E. and Meyers, R. (2009) Cross-sensitization of rotational behavior and exocytotic-like dopamine release evoked by electrical stimulation in rats displaying amphetamine-induced sensitization. Behavior, Biology and Chemistry: Translational Research in Addiction, San Antonio, TX, March 22.
- Natividad, L.N., Roman, F., Tejeda, H.A., Torres, O.V., **Castañeda**, E. and O'Dell, L.E. (2009) Nicotine withdrawal produces fewer decreases in extracellular dopamine levels in the nucleus Accumbens of adolescent versus adult rats. Behavior, Biology and Chemistry: Translational Research in Addiction, San Antonio, TX, March 22.
- Castañeda**, E. (2010) Parkinson's disease and stimulant drug addiction: Can common neural changes predict medical treatments? National Hispanic Science Network on Drug Abuse Conference, New Orleans, LA, October 1.

- Orfila, J.E., Torres, I., Natividad, L.A., **Castañeda**, E., and O'Dell, L.E. (2010) Cholinergic transmission in the nucleus accumbens is lower in adolescent versus adult rats experiencing nicotine withdrawal. Behavior, Biology and Chemistry: Translational Research in Addiction.
- Orfila, J.E., Torres, I., Natividad, L.A., **Castañeda** E., and O'Dell, L.E. (2010) Characterization of cholinergic transmission in the nucleus accumbens in adolescent versus adult rats experiencing nicotine withdrawal. College on Problems of Drug Dependence.
- Orfila, J.E., Torres, I., Natividad, L.A., **Castañeda** E., and O'Dell, L.E. (2011) Neural mechanisms mediating age differences produced by nicotine exposure and withdrawal. Texas Tech Research Symposium, El Paso, TX.
- Castañeda**, E. (2013) Modeling dopamine neurotransmission with behavioral correlates of addiction. National Hispanic Science Network on Drug Abuse Conference, Bethesda, MA, October 9.
- Carcoba, L.M., Pipkin, J.A., Orfila, J.E., Natividad, L.A., Moss, D.E., **Castañeda**, E., O'Dell, L.E. (2013) Examination of cholinergic activity during nicotine exposure and withdrawal. National Hispanic Science Network on Drug Abuse Conference, Bethesda, MA, October 9.
- Castañeda**, E. (2013) Vulnerability Issues in Drug Abuse (VIDA) Project: A Research Training Program at UTEP. Charles R. Drew University, MIDARP's 8th Annual Drug Addiction Research Symposium, Los Angeles, CA (via teleconference), June 14.

INVITED LECTURES TO OTHER INSTITUTIONS

- Compensatory changes in striatal dopaminergic neurotransmission assessed by microdialysis following 6-OHDA-induced injury. Department of Pharmacology and Therapeutics, Louisiana State University Medical Center - Shreveport, Louisiana. January 8, 1990.
- Microdialysis studies of neural recovery and sparing of behavioral function after brain damage. Department of Psychology, Northeastern University, Boston, Massachusetts. February 1, 1990.
- Compensatory changes in striatal dopaminergic neurotransmission assessed by microdialysis following 6-OHDA-induced injury. Department of Psychology, California State University, Sacramento, California. March 7, 1990.
- Microdialysis studies of neural recovery and sparing of behavioral function after brain damage. Department of Psychology, University of Colorado, Boulder, Colorado. March 21, 1990.
- Changes in extracellular striatal dopamine following brain damage: dysfunction or compensation? 1993 Western Psychological Association Convention, Phoenix, Arizona. April 22 - 25, 1993, p. 33.
- In vivo* extracellular dopamine changes immediately after brain damage: compensation or dysfunction? Department of Psychology, California State University, San Bernardino, California. April 29, 1993.
- In vivo* extracellular dopamine changes immediately after brain damage: compensation or dysfunction? Department of Psychology, University of Texas at El Paso, El Paso, Texas. October, 1993.
- Behavioral and biochemical studies on recovery of function in dopamine-depleted rats. Minority Biomedical Support Program, University of New Mexico School of Medicine, Albuquerque, New Mexico. December 22, 1994.
- Behavioral and biochemical studies on recovery of function after dopamine depletions in the rat brain. Minority Institutions Research Development Program, Lehman College, Bronx, New York. April 28, 1995.
- Recovery of function: behavioral and biochemical correlates. Neurobiology Section, Barrow Neurological Institute of St. Joseph's Hospital, Phoenix, Arizona. May 23, 1996.
- If marijuana and amphetamine turn on the same brain reinforcement pathway, why are the highs so different? Department of Psychology, University of Texas at El Paso, El Paso, Texas. October 24, 1996.
- Behavioral changes after brain damage: Indexes of compensation or dysfunction? Department of Anatomy and Cell Biology, State University of New York at Buffalo, Buffalo, New York. March 17, 2000.
- Neurochemistry of plasticity after dopaminergic denervation. Minority Access to Research Careers (MARC) Program. University of Arizona, Tucson, AZ. October 8, 2001.
- Neurochemistry of dopamine plasticity immediately after brain damage and its role in early "paradoxical" amphetamine-evoked rotational behavior. MBRS-SCORE and MARC-U-STAR** Programs, California State University, San Marcos. March 21, 2002.
- Gene therapy for Parkinson's disease: a neuropsychological approach augments predictive validity. Neuroscience Institute, Morehouse School of Medicine, Atlanta, Georgia, April 24, 2002.
- Gene therapy for Parkinson's disease: a neuropsychological approach augments predictive validity. Specialized Neuroscience Research Program, Department of Biology, University of Texas at San Antonio, April 16, 2002.

- Functional motor system shutdown: Is it plastic or is it broken? Department of Psychology, University of Alabama, Birmingham, December 3, 2003.
- Plasticity of Dysfunction: Transient Changes in Behavior and Dopaminergic Function During the Immediate Sequelae Following Brain Damage. Specialized Neuroscience Research Program, Department of Biology, University of Texas at San Antonio, February 26, 2004.
- Is it plastic or is it broken? Transient Changes in Behavior and Dopaminergic Function During the Immediate Sequelae Following Brain Damage. NIH/MBRS/Minority Access to Research Careers Program, Northern Arizona University, April 19, 2004.
- Assessment of Behavioral Recovery After Experimental Gene Therapy in a Rat Model of Parkinson's Disease. Career Opportunities in Research (COR) Program, San Diego State University, March 2, 2005.
- Rotational Behavior as an Assessment Tool for Compensation and Dysfunction: Inferences about Underlying Neurophysiology. Texas Consortium in Behavioral Neuroscience. University of Texas at Austin, March 2, 2007.
- Rotational Behavior as an Index for Presynaptic Function During Degeneration of Mesotelencephalic Dopamine Pathways. Queens College, March 14, 2007.
- Rotational Behavior as an Index for Presynaptic Function in Mesotelencephalic Dopamine Pathways. Department of Psychology, University of Texas at El Paso, March 22, 2007.
- Personal and Professional Triumphs of Addiction: A Journey from Culture into the Laboratory. University of West Georgia, Carrollton, GA, Invited Speaker, Office of Minority Affairs & Latino Cultural Society Seminar Series. April 16, 2009.
- Stimulant Drug Addiction: Sensitization and Cross-Sensitization, Kidnapped Mechanisms of Pavlovian Conditioning. UTEP Office of Lifelong Learning Institute Seminar Series. April 20, 2009.
- Neural Circuits of Drug Addiction, National Hispanic Science Network - Interdisciplinary Research Training Institute on Drug Abuse, University of Houston Hilton Hotel, June 4, 2010
- Parallel Mechanisms of Plasticity of Dopamine Neurons in Rodent Models of Parkinson's Disease and Stimulant Drug Addiction. Texas Tech Health Sciences Center, El Paso, Wednesday, January 19, 2011.
- Lesion It, Stimulate It, & Record From It: Studies of Plasticity in Dopamine Function In Parkinson's Disease and Stimulant Drug Addiction. Northern New Mexico College, Española, NM, March 23, 2012
- Social Culture, Academic Culture, Clashes with Traditions & Survival: A Personal Path. Eastern New Mexico University, sponsored by the Department of Multicultural Affairs for Hispanic Heritage Month, October 9, 2012
- Stimulant Drug Addiction Studies: individual Investigation of Presynaptic Brain Changes To Leading a Multidisciplinary Research Training Program. Psychology Department, Eastern New Mexico University, Portales, NM, October 9, 2012
- Stimulant Drug Addiction Studies: Transitions from Individual Behavioral Neuroscience Research to Multidisciplinary Research. Minority Access to Research Careers (MARC) Program, University of Arizona, Tucson, AZ, February 25, 2013
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INTRAMURAL LECTURES/PRESENTATIONS (WITHIN ASU AND UTEP)

- Long-term biochemical changes in striatal dopamine release following repeated amphetamine administration: implications for the neurochemical basis of amphetamine-induced psychosis. Neuralunch (Interdisciplinary Committee on Adaptive Neural Systems); Fall, 1990.
- The search for biological determinants of behavior. ASU West 21st Century Conference; April 7 - 9, 1991.
- Introduction to brain neuroanatomy/101. Presentation given at ICANS Seminar; September 17, 1992.
- Microdialysis measures of striatal dopamine after brain damage: compensation or dysfunction? Exercise Science Seminar; February 25, 1993.
- Changes in dopamine release from intact regions following brain damage. Cognitive Systems/Behavioral Neuroscience Colloquium Series; September 13, 1993.
- Behavioral and biochemical studies on recovery of function in dopamine-depleted rats. Cognitive Systems/Behavioral Neuroscience Colloquium Series; December 12, 1994.
- Studies in the timecourse of changes in dopamine activity and behavior following brain damage. Molecular and Cellular Biology Program Colloquium; September 11, 1995
- Timecourse of changes in behavior and neurochemical activity after electrolytic lesion of a neural pathway involved in Parkinson's disease. Poster presented at the Diez Años: A Decade Celebration of the Hispanic Research Center at Arizona State University; March 2, 1996.

- Conditioned place preference and locomotion, but no conditioned dopamine release after exposure to a cocaine-paired environment. Poster presented at the Diez Años: A Decade Celebration of the Hispanic Research Center at Arizona State University; March 2, 1996.
- Presynaptic dopamine function across recovery of function from brain damage. Flinn Foundation Motor Control Colloquium of the Department of Exercise Science and Physical Education; March 4, 1996.
- Biological bases of craving for cocaine: A role for environmental cues. Flinn Foundation Motor Control Colloquium of the Department of Exercise Science and Physical Education; April 8, 1997.
- Behavioral and biochemical studies on the physiological bases of craving for drugs of addiction. Minority Access to Research Careers (MARC) program students; April 22, 1997.
- Bifurcations of Intent: Brain and Bulimia. Cognitive Systems/Behavioral Neuroscience Colloquium Series; November 3, 1997.
- Neurodegeneration: Animal models of Parkinson's disease. Bioscience Forum of Microbiology Dep't.; February 24, 1998.
- Changes in dopamine activity after brain damage: Compensatory or Dysfunctional States. Mathematical Biology seminar. October 26, 1999.
- Regulation of proliferation, growth, and survival of neural cells by FGF-2 and FGFR1. Paquette, M.A., Maher, P.A., Moffett, J., **Castañeda**, E., Bloom, D.C. and Stachowiak, M.K. Neuroendocrine Reading Group (NERG) 1st Annual Poster Presentation, ASU, Tempe, AZ. February 25, 2000.
- Regulation of proliferation, growth, and survival of neural cells by FGF-2 and FGFR1. Paquette, M.A., Maher, P.A., Moffett, J., **Castañeda**, E., Bloom, D.C. and Stachowiak, M.K. Brain Day at ASU, Tempe, AZ. March 7, 2000.
- The ebbs and tides of brain neurochemistry – Plasticity in drug addiction and Parkinson's disease. Sigma Xi Fall Luncheon/Lecture. November 18, 2004.
- Dancing rats: rotational behavior as an assessment tool for compensation and dysfunction in Parkinson's disease and stimulant drug addiction. Western Alliance to Expand Student Opportunities (WAESO) and Minority Graduate Education at Mountain States Alliance (MGE@MSA) Luncheon. February 23, 2007.
- A behavioral neuroscience approach to questions of dopamine function in Parkinson's disease and drug addiction. Cognitive Engineering Research Institute Human Factors Brown Bag, ASU Polytechnic Campus. March 29, 2007.
- Keynote speaker at the MARC Graduate School Survival Skills Workshop, Arizona State University, August 13, 2007.
- Stimulant Drug Addiction: Sensitization and Cross-Sensitization, Kidnapped Mechanisms of Pavlovian Conditioning. UTEP Office of Lifelong Learning Institute Seminar Series. April 20, 2009.
- Plasticity of brain dopamine: Compensation during neurodegeneration in Parkinson's disease and sensitization in stimulant drug addiction. Laboratory Animal Technician Week Workshop, UTEP Animal Care Program, January 29, 2010.
- Fundamentals of dopamine neurophysiology and behavior, changes during Parkinson's disease and stimulant drug addiction, and collaborations for mathematical models. Department of Mathematics Seminar Series, UTEP, March 26, 2010.
- Basal Ganglia Circuits in Addiction, UTEP Psychology Seminar Series, Thursday, February 17, 2011
- Parkinson's disease and stimulant drug addiction: Can common neural changes predict medical treatments? UTEP MARC Program, January 30, 2012
- Integrating anatomy, neurochemistry, pharmacology & behavior to study plasticity of dopamine function in Parkinson's disease and stimulant drug addiction UTEP College of Health Science, March 7, 2012
- From risky behaviors to risky experiments: Modeling dopamine neurotransmission with behavioral correlates of addiction. UTEP NSF Scholars Program, October 30, 2013

CURRENT RESEARCH FUNDING

NIH/NCMHHD 1 P20 MD002287-01 Elias Provencio-Vasquez (PI) 10/01/08 – 06/30/13
 Hispanic Health Disparities Research Center (HHDRC). The goal of this project is to build capacity for researchers in health disparities, create a program of excellence to investigate and eliminate Hispanic health disparities in the Texas-Mexico border region, and promote knowledge transfer to both practice and policy.
 Role: Co-Director

NIH/NIDA 1R24DA029989-01

Castañeda (PI)

03/15/2011-02/28/2016

UTEP DIDARP: Vulnerability Issues in Drug Abuse (VIDA). The goal of this training project is to increase research infrastructure at the University of Texas at El Paso by addressing institutional development, faculty development and student development.

NIH/NIDA R13 DA029347 France (PI) 01/01/11-12/31/13
 Behavior, Biology, and Chemistry: Translational Research in Addiction. The goal of this project is to sponsor an annual meeting on addiction research and to target attendance and participation by students and other young scientists. This transdisciplinary mixture of junior and senior investigators, pre- and post-graduate students provides role models for young scientists while at the same time gives them an opportunity to present results from their own research in a context where there is a lower threshold for presentation, compared with most national meetings. The transdisciplinary and translational theme of the meeting fosters new scientific initiatives and promotes thinking that is outside the constraints of traditional disciplines.
 Role: Co-Investigator

PREVIOUS FUNDING

LERR (Library, Equipment, Repair and Rehabilitation) Grant: Transcranial Stimulation Equipment, (\$135,000 awarded) to establish a Core facility. Co-PI with Dr. Anthony Salvatore, Chair, Speech-Language Pathology, College of Health Science. Fall 2010

LERR (Library, Equipment, Repair and Rehabilitation) Grant: UT Alliance Interfacing Real Time Monitoring of Physiology and Neurochemistry in Diabetes and Drug Abuse, (\$500,000 awarded) to codify a collaboration capitalizing on collective strengths in the neural basis of diabetes and drug addiction between UTEP Behavioral Neuroscience and UT Health Sciences Center/San Antonio. Co-PI with Charles France, UTHSCSA. Fall 2010

STARS Program, University of Texas System Start Date: 08/01/2007
 Start-up funding to relocate and establish research at University of Texas at El Paso. \$500,000 package.

Arizona Institute for Mental Health Research, Phoenix, AZ Start Date: 03/01/2006
 Presynaptic Mechanisms of Cross-sensitization In Stimulant Drug Addiction. \$25,000/2 years.
 The goal of this research is to determine whether electrically evoked dopamine release, as measured with in vivo intracerebral microdialysis from the nigrostriatal pathway, and concomitantly evoked rotational behavior display cross-sensitization in rats previously sensitized to amphetamine or cocaine.
 Role: PI

Arizona Disease Control Research Commission. Long-term Effects of Nicotine - New Molecular Mechanisms, Co-PI's: Dr. Michal K. Stachowiak (SUNY/Buffalo) and Dr. Dave C. Bloom (University of Florida/Gainesville). Awarded by ASU Office of the Vice Provost for Research. Total Award \$50,000 for 07/01/99 - 06/30/00.

Previous Intramural Sources:

Neural and Behavioral Recovery of Function After Dopamine-depleting lesions of the brain, NIH – Institutional Biomedical Research Support Program, Account #MGA-3638. Funded for \$5,700 from 12/15/90 to 12/14/91.
 Research Incentive Award: Neural Compensation After Neonatal Dopamine Depletion. Awarded by ASU Office for Research, Account #MGR-R193. Funded for \$16,000.00 from 6/92 to 12/93.
 Faculty Grant In Aid Award: Parametric Studies to Establish Exocytotic-like neurotransmitter Release Using Pharmacological and Electrical Stimulation. Awarded by ASU Office of Research, Account #MGR-E009. Funded for \$5,500 from 1/1/93 to 12/31/93.
 Research Incentive Award: Neural Compensation After Neonatal Dopamine Depletion. Awarded by ASU Office for Research, Account #MGR-R222. Funded for \$16,000.00 from 4/1/94 to 3/31/95.
 ASU CLAS Strategic Directions/Initiatives Program: HPLC/EC analytical equipment grant for research/teaching. Drs. Eddie Castañeda and Janet Neisewander. Funded for \$18,470 on 3/23/95.
 Biomedical Research Initiative: Brain transplantation of glial cells as carriers of recombinant genes to treat Parkinson's disease. Awarded by ASU Office of the Vice Provost for Research. Funded for \$14,290 on 10/26/94 and for \$14,700 on 3/6/96.

Intramural Biomedical Research Incentive Grant. Gene Therapy Development for Parkinson's Disease, Co-Investigators: Dr. Michal K. Stachowiak (SUNY/Buffalo) and Dr. Dave C. Bloom (University of Florida/Gainesville). Awarded by ASU Office of the Vice Provost for Research. Total Award \$16,821 + animal costs + 1 course buyout for 07/01/99 - 06/30/00.

Research Incentive Award from ASU Office of Vice Provost for Research. \$16,000. Intramural.

The goal of this research is to collect preliminary data that has been used to submit the AZ IMHR proposal listed below and the preparation of an R21 to NIH/NIDA for a February 1, 2006 submission.

TEACHING EXPERIENCE

Advanced Laboratory in Physiological Psychology, University of Michigan

Introductory Statistics, University of Lethbridge

Physiological Psychology (PSY325, ASU)/Psychobiology (PSYC4324, UTEP)

Neuroanatomy (PSY426/PSY591, ASU and PSY4345/PSYC5355, UTEP)

Biological Bases of Behavior (PSY425/PSY591, ASU)/Behavioral Neuroscience (PSYC5372, UTEP)

History and Systems of Psychology (PSYC4309, UTEP)

Seminar: Cerebral Cortex of the Rat Brain (PSY591, ASU)

Seminar: Advanced Topics in Cognitive Science (PSY598, ASU)

Seminar: Laboratory Principles in Behavioral Neuroscience (PSY498/PSY591, ASU)

Seminar: Laboratory Techniques in Behavioral Neuroscience (PSYC4345/PSYC5355, UTEP)

Seminar: Dopamine: Neurochemistry & Behavior (PSY498/PSY591, ASU)

Seminar: Gene Therapy in the Nervous System (MIC598) - teleconference with SUNY/Buffalo

Seminar: Neurodegeneration (PSY498/PSY591, ASU)

Behavioral Studies of Marine Organisms Module (BIO494 Marine Science, ASU)

Bridge Course: Minority Health Issues and Science Research (PSY194, ASU)

HONORS, AWARDS AND SCHOLARSHIPS

- 1974 Our Lady of the Light Catholic Church Scholarship
- 1977 Psi Chi, National Honor Society in Psychology (University of Texas/EI Paso Chapter); Vice-President, 2 terms (1978-79, 1979-80)
- 1978-80 Minority Biological Support Program - Graduate Student Research Assistant
- 1979 Jaycee's Outstanding Young Men of America
- 1980-1985 University of Michigan Rackham Minority Graduate Fellowship
- 1982 Society for Neuroscience Annual Meeting Minority Travel Fellowship Recipient
- 1987 Alberta Heritage Foundation for Medical Research Post-doctoral Fellowship
- 1992 Arizona State University Student Affairs Recognition for Significant Contributions to the Quality of Life for Students
- 1993 Arizona State University Student Affairs Recognition for Significant Contributions to the Quality of Life for Students
- 1994 Nominated for the Distinguished Teaching Award in the College of Liberal Arts and Sciences by Ms. Joyce C. Baldwin, science teacher at Estrella Mountain H. S.
- 1994 Nominated for the Chicano Faculty and Staff Association Dr. Manuel Servin Faculty Award
- 1995 Hispanic Research Center Distinguished Contributions Award for Service to Internal Advisory Committee
- 1995 Psi Chi National Honor Society ASU Chapter Outstanding Instructor Award
- 1996 Community Documentation Program/Hispanic Research Center Distinguished Contributions Award for Service to Advisory Committee
- 1997 Recognition Award for Meritorious Service by Arizona Association of Chicanos for Higher Education (AACHE)
- 1998 ASU Devils' Advocates Certificate of Appreciation
- 1999 Wakonse Teaching Fellowship, Camp Tontozona Retreat, June 3-6
- 2000 Distinguished Faculty Award, Arizona Association of Chicanos for Higher Education

	(AACHE), AACHE 2000 Conference, Estrella Mountain Community College, Tolleson, Arizona, October 13
2001	Mentorship Appreciation Award, Preparing Future Faculty Program, May 3
2003	Nominated for the Parents Association ASU Professor of the Year Award
2006	Honors Disciplinary Faculty, Barrett Honors College, Arizona State University
2007	Nominated for ASU Professor of the Year
2007	Nominated for ASU Teacher of the Year
2007	Nominated for ASU Centennial Professorship
2007	National Award of Excellence in Mentorship, Seventh Annual National Hispanic Science Network on Drug Abuse Conference, Miami Beach, FL, September 27
2011	Outstanding Performance in Securing Extramural Funding Award, UTEP Office of Research and Sponsored Projects
2011	Grand Marshall, UTEP College of Liberal Arts Winter Commencement, December 10
2014	2014-15 Outstanding Ex-Student, Thomas Jefferson High School Ex-Student Association, October 11

PROFESSIONAL AFFILIATIONS

1979	Sigma Xi, Associate Member
1986	American Association for the Advancement of Science
1986	Society for Neuroscience
1989	American Psychological Society
1998	Society for the Advancement of Chicanos and Native Americans in Science (SACNAS)
2001	National Hispanic Science Network on Drug Abuse
2005	Arizona Arts, Sciences and Technology Academy, Founding Fellow
2006	American Psychological Association
2010	Marine Biological Laboratory, Corporation Member

NATIONAL SERVICE

1991-92	NIMH/ADAMHA Grants, Ad Hoc Reviewer
1990-93, 95	Mentor, Society for Neuroscience Minority Travel Fellowship program - host national travel fellowship recipients to provide guidance
1992-95	Member, Minority Education, Training and Professional Advancement Committee (METPAC), Society for Neuroscience
1993-95	Selection Committee, METPAC Society for Neuroscience Minority Travel Fellowship
1995/96/98/99	NIH/NIGMS MBRS Review Panel. Ad Hoc Reviewer.
1996	NIDA Basic Behavioral Sciences Research Subcommittee, Ad Hoc Reviewer. July 9-11
1997	NSF Division of Integrative Biology and Neurosciences, Ad Hoc Reviewer. March
1997	Consultant, Western Alliance to Expand Student Opportunities Planning Meeting for Social and Behavioral Sciences and the Governing Board/Management Advisory Committee meeting, Las Vegas, NV. April 4-5
1998	Western Alliance to Expand Student Opportunities (WAESO) Grant Review Panel, May
2000-04	NIH/NIGMS MBRS Review Subcommittee Member
2002	Planning Committee, National Hispanic Science Network on Drug Abuse Annual Conference
2002-05	Steering Committee, Society for Neuroscience Minority Neuroscience Fellowship Program, Program to Increase Ethnic Diversity in Neuroscience 2004 - Selection Committee, Outstanding Alumnus, SfN Minority Neuroscience Fellowship Program
2005	Abstract Selection Committee, Society for the Advancement of Chicanos and Native Americans in Science, 2005 National Conference, "Science for America's Future." Sept. 29-Oct. 2
2005	Faculty Tenure and Promotion Assessor, University of Texas at Austin, August
2005	Preconference Planning Committee International Scientific Research Opportunities, Fifth Annual National Hispanic Science Network on Drug Abuse National Conference, Sept. 14, Coral Gables, FL

- 2002-10 Steering Committee, American Psychological Association Diversity in Neuroscience Program
2004-2009: Selection Committee for 1) Lifetime Achievement Award, 2) Alumnus Research Achievement Award, and 3) Alumnus Service Achievement Award
- 2004-10 Member, International Research Collaboration Subcommittee, National Hispanic Science Network on Drug Abuse
- 2006 Co-chair, New Investigators in Hispanic Drug Abuse Research panel, Sixth Annual National Hispanic Science Network on Drug Abuse National Conference, Sept. 12-16, Scottsdale, AZ
- 2006 Chair, Poster Session Subcommittee, Sixth Annual National Hispanic Science Network on Drug Abuse National Conference, Sept. 12-16, Scottsdale, AZ
- 2006 Co-organizer, with Dr. Felipe Castro, Community Visit to Drug Rehabilitation Center and Roundtable Discussion, "Implementing Evidence-based Treatments Within Hispanic Communities"
- 2007-10 Member, External Advisory Committee, Texas Consortium in Behavioral Neuroscience. Francisco Gonzalez-Lima, Ph.D., Director, University of Texas at Austin
- 2007 Member, External Advisory Committee, Minority Access to Research Careers (MARC) Training Program, Queens College. Dr. Zahra Zakeri, Program Director
- 2007 NIH/NIDDKD Special Emphasis Panel, Ad Hoc Reviewer. June 19
- 2007-12 Member, Scientific Advisory Board, Support of Mentors and their Students in the Neurosciences (SOMAS-URM) Program, Davidson College, Davidson, NC. Dr. Julio J. Ramirez, Program Director. Review grant applications
- 2007, 2008 Co-chair, Mentoring Basic Scientists, National Hispanic Science Network on Drug Abuse, 8th Annual Conference, Co-organizers: Keith A. Trujillo, Joe L. Martinez, Patricia E. Molina, Miami Beach, FL, September 27, 2007; Bethesda, MD, October 2, 2008
- 2007-11, 13 Co-chair, Basic Science Data Breakout: Datablitz, National Hispanic Science Network on Drug Abuse, 8th Annual Conference, Co-organizers: Keith A. Trujillo, Miami Beach, FL, September 27; Bethesda, MD, October 2, 2008; Coconut Grove, Miami, FL, October 31, 2009; New Orleans, LA, October 31, 2010; Miami, FL, August 26, 2011; Bethesda, MD October 10, 2013 (Co-chair, Luis Carcoba)
- 2009-10 Science Panel Review, Ford Foundation Diversity Fellowship Program; Irvine, CA, March 5-7; Washington DC, March 4-6, 2010
- 2010 External Reviewer, Full Professor Promotion of Chair, Biology Department, UT San Antonio, August 16
- 2009-13 Member, Organizing Committee, Behavior, Biology and Chemistry: Translational Research in Addiction, San Antonio, TX, March 20-22, 2009; March 6-7, 2010; March 5-6, 2011; March 3-4, 2012; March 9-10, 2013
- 2014 Co-Chair, Planning Committee, NHSN 14th Annual International Conference, "Resiliency and Neuroplasticity Among Vulnerable Populations - Towards a Synchrony of Disciplines," The University of Texas at El Paso, El Paso, TX, September 3-September 6, 2014

UNIVERSITY AND COLLEGE SERVICE

- 1984 Minority Recruiter, Graduate Record Examinations Board and the Council of Graduate Schools sponsored ETS Recruitment Forum, University of Michigan
- 1990-92 Committee to Nominate Cesar Chavez for Honorary Degree, Chicano Faculty and Staff Association, Arizona State University (ASU)
- 1991 Mentor, One-to-One Assistance Program for Entering Minority Students, ASU
- 1995-96 Faculty Task Force on Evaluation and Recognition of Service, ASU
- 1995-98 Institutional Animal Care and Use Committee, ASU
- 1997 University Veterinarian Search Committee, Spring semester, ASU
- 1997 Task Force on the Role and Responsibilities of the University Veterinarian, Summer semester, ASU
- 1997-99 Graduate College Teaching Assistant Training Workshop - Ethical Behavior in T.A.s August 19, 1997; August 18, 1998; August 17, 1999
- 1997-98 University Veterinarian Search Committee, ASU
- 1999-2003 Chair, Institutional Animal Care and Use Committee, ASU
- 2000-2003 Chair, Research Safety Oversight Committee, ASU

- 2000 Presenter on "Special Topics in Research Administration: IACUC Administration" to Sponsored Projects Certificate Program, ASU Office of Research & Creative Activities, April 19
- 2002 Animal Care Program Director Search Committee, ASU
- 2000-2003 OVPR Animal Users' Advisory Committee, ASU
- 2004-05 Vice-President, Sigma Xi Society, ASU Chapter
- 2006 Participant, Symposia on Diversity in the Sciences: Mentoring and Retaining Underrepresented Minorities, University of Washington, October 27-28, 2006
- 2007 Poster Judge, Seventh Annual Arizona More Graduate Education at Mountain States Alliance (MGE@MSA) Student Research Conference, April 23.
- 2008 Member, Institutional Animal Care and Use Committee, UTEP
- 2008 Member, Search Committee, Executive Director for Institutional Biosafety and Animal Care Program, UTEP
- 2008 Member, All Student Dimensions Committee, Foundations of Excellence Task Force, UTEP
- 2008 Member, Advising Task Force, UTEP
- 2008 Poster Judge, Research Expo for the Paso del Norte Society for the Advancement of Chicanos and Native Americans in Science (SACNAS) UTEP Student Chapter
- 2009 Member, UTEP University Veterinarian Search Committee
- 2010-13 Member, Events Subcommittee, UTEP 2014 Centennial Commission
- 2010-11 University Budget Research Study Group
- 2011 Member, Strategic Financial and Operational Planning Group for Research, UTEP
- 2011 Member, Professional Activities Report Form (PARF) Review Committee, UTEP College of Liberal Arts
- 2011-2012 Member, Ad Hoc Committee, Online Teaching Surveys, UTEP
- 2012 Invited Speaker for Drug Awareness Week by Consul General of Mexico Roberto Rodríguez, UTEP Vulnerability Issues in Drug Abuse (VIDA) Project: An Ecological Approach to Train Researchers Across Disciplines, Drug Awareness Week Panel, Co-sponsored by the College of Health Science, April 9
- 2012 Judge, Campus Office of Undergraduate Research Initiatives (COURI) Symposium, April 21
- 2012 Speaker, Putting Faces on the Numbers: Personal Stories of UTEP Alumni, UTEP Opportunity Nation Days, May 2
- 2012 College of Liberal Arts PARF Review Committee
- 2012 Graduate Education Advisory Committee, Graduate School College
- 2012 Organizer, The "U.S.-Mexico Border Drug Issues" UTEP VIDA Project Conference in partnership with U.S. Mexico Border Initiatives, May 22-23
- 2013 Participant, University of Michigan Diversity Partners Meeting, May 17
- 2013 Judge, UTEP Campus Office of Undergraduate Research Initiatives Summer Symposium
- 2013 Promotion Committee, College of Liberal Arts Department of Music, October 1
- 2013 Judge, 3rd Annual UTEP Graduate Student Research Expo, Ideology and Identity Panel, November 7
- 2013 Program Leadership Team/University Faculty Representative, Educational Advisory Board, Student Success Collaborative
- 2013-2014 Member, Chair of Biological Sciences Search Committee
- 2014 Speaker, Towards a Neurological Basis of Resiliency: Systems of Motor Habit, Decision-making, & Impulsivity. Delivered at the Centennial Symposium on Hispanic Mental Health Disparities, Tomas Rivera Conference Center, UTEP, January 28, 2014
- 2014 Organizer, The "Vulnerability to Drug Abuse Among Hispanics: Bridging Science and Society" UTEP VIDA Project Conference in partnership with the Hispanic Health Disparities Research Center, May 29-30

DEPARTMENT AND AREA SERVICE

- 1980-1981 Psychobiology Colloquium Committee, University of Michigan
- 1982-1983 Graduate Student Representative to Psychobiology Faculty, University of Michigan
- 1982-1987 Consultant for Minority Recruitment and Admissions to the University of Michigan Psychology Department

1984-87	Director, Chicano Student Psychological Association Minority Recruitment Project Committee, University of Michigan
1989	Co-coordinator, Psychology Summer Seminar Series, University of Lethbridge, Alberta, Canada
1991-92	Personnel Committee, Hispanic Research Center
1991-93	Affirmative Action Committee, Psychology Dep't.
1991-93	Chair, Animal Care Committee, Psychology Dep't.
1992-93	Internal Advisory Committee, Hispanic Research Center
1993	Organizer, Reception for Ethnic Minority Students in Psychology. Coordinated with Dr. Martha Bernal. February 4.
1993-94	Personnel Committee, Hispanic Research Center
1994-95	Internal Advisory Committee, Hispanic Research Center
1994-96	Undergraduate Studies Committee, Psychology Dep't.
1994-97	Advisory Committee, Community Documentation Program, Hispanic Research Center
1995-96	Faculty Evaluations Procedures Task Force, Psychology Dep't.
1995-96	Personnel Committee, Hispanic Research Center
1996	Student Scholarship Selection Committee, Inter-University Program in Latino Research (IUPLR) Graduate Training Seminar in Quantitative Methodology, Hispanic Research Center.
1996-97	Chair, Committee on Research and Creative Activities, Hispanic Research Center
1997	Behavioral Neuroscience Faculty Search Committee, Psychology Dep't.
98-00,04-06	Faculty Evaluation Committee, Psychology Dep't.
2000-2004	Chair, Selection Committee, Ernest Lindholm Outstanding Undergraduate Student in Behavioral Neuroscience Award.
2003-04	Behavioral Neuroscience Faculty Search Committee, Psychology Dep't.
2004	Departmental Development Committee
2004-05	Behavioral Neuroscience Faculty Search Committee, Psychology Dep't.
2004-06	Lecturer Search Committee, Psychology Dep't.
2004-07	Undergraduate Studies Committee, Psychology Dep't.
2005-07	Environmental Health & Safety Compliance Officer, Psychology Dep't.
2007-12	Chair, Executive Committee, Psychology Dep't.
2008, 2012	Chat with the Chair, Department of Psychology, UTEP
2013	Teaching Observation/Evaluation of Dr. Jennifer Eno Loudon, October 28

COMMUNITY SERVICE

1994	Spanish Translator for News Release to Phoenix Metropolitan News Media Announcing Initiative for a National HIV Policy by The National Council on HIV Disease, Kristine Gebbie, R.N., M.N. (former White House-appointed National Aids Policy Coordinator) and Dr. Austin Jones (ASU). October 18.
1994	Keynote speaker to graduating class, Guadalupe Academia Summer Camp. July.
1995	Invited speaker to American Parkinson's Disease Association Support Group, Parkinson's Action Network, Mary Helen Davila, regional coordinator, Barrow Neurological Institute. April 4
1995	Stimulant drugs of abuse: psychopharmacology of addiction. Lecture given at the Crystal/Methamphetamine Seminar, Colorado River Indian Tribes Behavioral Health Services, Parker, AZ. June 15
1995	Spanish Translator for News Release to Phoenix Metropolitan News Media Announcing World AIDS Day, for Lisa Honebrink of Arizona AIDS Foundation, December 1
1996	Guest speaker on brain, behavior and science to second grade class at Josefa L. Sambrano Elementary School, San Elizario, TX. December 18
96-98,03-07	Executive Committee, Chicano Faculty and Staff Association - ASU Representative at Arizona Association of Chicanos for Higher Education (AACHE) State Board meetings
1997-99	Chair, Organizing Committee for AACHE-sponsored Student Leadership Conference
1997	Judge, Broadmoor Elementary School PTSA Science Fair, Tempe, AZ. February 26
1997	Biological bases of craving for stimulant drugs: A role for environmental cues. Lecture given

- at Valle del Sol, Inc., Phoenix, AZ. April 29
- 1997-98 Liaison between Dimensions Academy, charter school for deaf targeting Hispanics, and Community Art and Research Outreach Program (CARO) of the Hispanic Research Center
- 1998 Judge, Broadmoor Elementary School PTSA Science Fair, Tempe, AZ. March 4
- 1998-99 Public Relations Committee, AACHE state board
- 98-99, 06-07 Membership Coordinator, AACHE state board
- 2003 Judge, Arizona Junior Science and Humanities Symposium, Rio Salado Community College, Tempe, AZ. March 31
- 2004 Panelist, High School Honors Project Defense by Kiran Kumar, Mountain Point High School. May 14
- 2004 Chair, Organizing Committee, 2004 AACHE (Arizona Association of Chicanos for Higher Education) Conference Committee, ASU Memorial Union. November 12
- 2004-2005 Ask A Biologist, Respondent for questions submitted by community through ASU Search Engine
- 2005 Judge, 7th Annual Hamilton International Science and Engineering Fair, Hamilton High School, Chandler, AZ, February 18
- 2005 Volunteer Grand Awards Judge, Intel International Science and Engineering Fair, Phoenix, AZ, May 10-11
- 2006 Judge, 2006 Annual Biomedical Research Conference for Minority Students (ABRCMS), Anaheim, CA, November 9-11
- 2008, 09 Host, Delta Academy Juvenile Students, Co-host: Dr. Don Moss
- 2008 Dia Universitario – CIBELES Convention Center, Juárez, Chih., Mexico, March 8
- 2010-12 Mentor Science Fair Project: Caffeine as a Treatment for Learning Deficits in Alzheimer's Disease, Clint High School Students: Leanna Rivera, Fabian Barragan, 3 hr/week every other week since August, 2010. Sweepstakes award Clint High School, First Place District, Top 3 Regional science fairs, 4th Place Intel International Science and Engineering Fair (ISEF, May 13-18, Pittsburgh, PA).
- 2013 Hosted El Paso Community College Psychology Club in a tour of research in the UTEP Psychology Department, in which graduate students from various labs contributed, February 8
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TEACHING SERVICE

- 1991 Coordinator, Summer Visitation Program for Guadalupe Township Adolescents, ASU. August 14.
- 1991-95 Mentor, NIH-funded Minority High School Student/Teacher Summer Research Apprentice Program, ASU.
- 92-99, 04-05 ASU Faculty Ambassador's Program Lecturer. High school visitations.
- 1993 Hosted High School Native American Student Visitation from Estrella Mountain High School. October 5.
- 1993 Lecturer for "Academia," Teen Prevention Program, sponsored by Centro de Amistad Incorporado, Guadalupe, Arizona. "Careers in Psychology." June 9.
- 1994 Lecturer for Guadalupe Academia Summer Camp, sponsored by Centro de Amistad Incorporado, Guadalupe, Arizona. "Careers in Psychology." June 27-30.
- 1994-99 Member, ASU Motor Control Group, Flinn Foundation, Director: Dr. G. Stelmach.
- 1996-98 Student Selection Committee, Hughes Program: Biology Research Experience for Undergraduates.
- 1997-98 Governing Board/Management Advisory Committee, Western Alliance to Expand Student Opportunities (WAESO).
- 1996-2000 Lecturer for American Indian Students United for Nursing (ASUN) Summer Institute for Native American children, ASU College of Nursing. June 10-13, 1996; June 9-12, 1997; June 8-11, 1998; June 6-11, 1999; June 7-12, 2000.
- 1998 What is the culture shock in science for Chicana/os? Lecture delivered at the M.E.Ch.A. Chicana/Chicano Student Leadership Conference: Dandole Fuerza a Nuestra Comunidad by Inspiring The Future Leaders of Aztlan, Phoenix College. February 27, 1998.
- 1998 Traveling Faculty, American Psychological Association Summer Science Institute for undergraduate psychology students. Johns Hopkins University, Baltimore, MD,

- June 16.
- 1998 Careers in Science. Lecture delivered at the 4th Statewide Chicana/Chicano Student Leadership Conference, Phoenix College M.E.Ch.A., October 30.
- 1999 MEChistAs in Science and Math...donde estan? Co-presented with Cleopatria Martinez, Ph.D. (Phoenix College) at M.E.Ch.A. National Conference, March 20.
- 1999 Alumnus Speaker, University of Michigan Department of Psychology Second Annual Graduate Career Fair, September 25.
- 1999 University Honors College Thesis Committee, 3rd Reader for Meghan Elaine Herron, The effects of acute stress duration on context discrimination, Chair: Cheryl Conrad, Ph.D., May.
- 2000 Guest Speaker, Twelfth Annual Summer Program in Neuroscience, Ethics and Survival (SPINES) at the Marine Biological Laboratory, Woods Hole, Massachusetts. June 17.
- 2000 Graduate College Representative, Anthropology Dissertation Defense, Susan M. Howell, September 28.
- 2000 University Honors College Thesis Committee, 3rd Reader for Angelique Thomas, Stress-induced atrophy of the CA3 hippocampal dendrites: causal attributions, Chair: Cheryl Conrad, Ph.D., December 1.
- 2000/01 Behavioral Neuroscience Module: MCB555, Advanced Molecular & Cellular Biology & MCB598, Special Topics: Neuroscience
- 2002 Graduate College Representative, Department of Creative Writing Dissertation Defense, Sean M. Nevin, April 29.
- 1997-2007 Steering Committee, Minority Access to Research Careers (MARC) program, ASU/
1998-2007 Director, PreMinority Access to Research Careers (PreMARC) program, ASU.
- 2004-05 Maroon & Gold Scholarship Program Mentor to Maria Moreno
- 2005-06 Maroon & Gold Scholarship Program Mentor to Fernando Aponte
- 2007 Neuroscience and Drug Issues. Presentation at the National Hispanic Science Network Summer Research Training Institute on Hispanic Drug Abuse, University of Houston, June 5.
- 2007 Presenter (Mock Fellowship Review and Responsible Conduct of Research), American Psychological Association/Diversity Program in Neuroscience Professional Development Workshop, Society for Neuroscience Annual Meeting, San Diego, CA, November 3.
- 2008 Coordinator, American Psychological Association/Diversity Program in Neuroscience Professional Development Workshop (Grant writing: Hypotheses & Specific Aims, Responsible Conduct of Research), Society for Neuroscience Annual Meeting, Washington DC, November 15
- 2009 Coordinator, American Psychological Association/Diversity Program in Neuroscience Professional Development Workshop (Responsible Conduct of Research, Developing F31/F32 Grant Proposals), Society for Neuroscience Annual Meeting, Chicago, IL, October 17
- 2011 Member, Dissertation Committee, David Tello-Bravo, Arizona State University, A mathematical model of dopamine neurotransmission, May
- 2012 Judge, Campus Office of Undergraduate Research Initiatives (COURI) Research Symposium, UTEP, April 21
- 2004-2013 Selection Committee, Marine Biological Laboratories, Summer Program In Neuroscience Ethics & Survival (SPINES) Course, Woods Hole, MA.
- 2001-2013 Course Faculty, Summer Program in Neuroscience, Ethics and Survival (SPINES) at the Marine Biological Laboratory, Woods Hole, Massachusetts.
- 2007, 2010-13 Presenter, National Hispanic Science Network Interdisciplinary Research Training Institute (IRTI) on Hispanic Drug Abuse, University of Houston, University of Southern California, Summers
- 2012 Member, Comprehensive Exam, Melissa Michaels, University of Arizona College of Nursing, Written Exam, Oral Defense, March 19
- 2012-13 Mentor for Dr. Monica Berlanga (postdoctoral fellow, UCSD), Interdisciplinary Research Training Institute of the National Hispanic Science Network
- 2012-13 Mentor for Lyonna Alcantara (graduate student, FSU), Marine Biology Laboratory, Summer Program In Neuroscience, Ethics & Training Student Fellowship Program
- 2013 Presenter, El Paso Community College Psychology Career Day, April 13
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