

**Curriculum Vita  
Glenn R. Valdez**

**ADDRESS**

Grand Valley State University  
Department of Psychology  
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**EDUCATION**

**University of California, San Diego, La Jolla, CA**

Ph.D. in Psychology, December 2003

*Dissertation:* Restoration of Homeostasis Within the Stress System: A Novel Therapeutic Approach for Alcohol Dependence

*Advisor:* Dr. George F. Koob

**Tufts University, Medford, MA**

B.A. in Psychology, Magna Cum Laude with Highest Honors in Thesis, May 1998

*Thesis:* Voluntary Ethanol and Sucrose Drinking in High and Low Ranking Squirrel Monkeys: A Microstructural Analysis

*Advisor:* Dr. Klaus A. Miczek

**ACADEMIC EMPLOYMENT**

**Grand Valley State University, Department of Psychology, Allendale, MI.**

**Associate Professor.** August 2012-present.

**Assistant Professor.** August 2006-August 2012.

*Research Focus:*

- Neurobiological stress systems, alcohol withdrawal and relapse.

*Courses Taught:*

- Psychology 101: Introductory Psychology
- Psychology 330: Foundations of Behavioral Neuroscience
- Psychology 430: Physiological Psychology
- Psychology 432: Psychopharmacology
- Psychology 532: Psychopharmacology

*Service Activities:*

- Center for Scholarly and Creative Excellence Responsible Conduct in Research Advisory Board (2011-present; Chair 2015-present)

- Office of Undergraduate Research and Scholarship STEM Program Grants Task Force (2017-present)
- Psychology Department Advisory Committee (2011-2012; 2018)
- College of Liberal Arts and Sciences Research Clusters Steering Group (2013-2017)
- Psychology Department Advising Committee (2016-2017)
- Psychology Department Personnel Committee (2014-2016)
- College of Liberal Arts and Sciences Laboratory Building Project Planning Team (2011-2015)
- Biopsychology Major Review Team (2008-2015)
- Psychology Faculty Search Committee, Behavioral Neuroscience Position (2012-2014; Chair 2013-2014)
- Responsible Conduct in Research Task Force (2011)
- College of Liberal Arts and Sciences Associate Dean Search Committee (2011)
- Psychology Laboratory Committee (2007-2011; Chair, 2009-2011)
- Psychology Faculty Search Committee, Aging Position (2009-2010)
- Faculty Advisor, Psi Chi GVSU Chapter (2008-2011)
- Faculty Advisor, Best Buddies GVSU Chapter (2007-2017)

**Harvard Medical School, Division of Behavioral Biology, Department of Psychiatry, New England Primate Research Center, Southborough, MA.**  
**Postdoctoral Fellow.** November 2003-June 2006. Supervisor, Dr. Roger D. Spealman.

*Research Focus:*

- Nonhuman primate models cocaine relapse and poly-drug abuse.

**The Scripps Research Institute, Department of Neuropharmacology, La Jolla, CA.**  
**Predoctoral Fellow.** September 1998-October 2003. Supervisor, Dr. George F. Koob.

*Research Focus:*

- Neurobiology of alcohol dependence and behavioral regulation of stress and feeding via corticotropin-releasing factor-related peptides.

**University of California, San Diego, Department of Psychology, La Jolla, CA.**  
**Teaching Assistant.** April 1999-July 2003.

*Courses Taught:*

- Psychology 134: Eating Disorders
- Psychology 179: Drugs, Addictions and Mental Disorders
- Psychology 181: Drugs and Behavior
- Psychology 188: Impulse Control Disorders

**Tufts University, Department of Psychology, Medford, MA.**

**Research Assistant.** September 1996-May 1998. Supervisor, Dr. Klaus A. Miczek.

*Research Focus:*

- Social factors influencing oral ethanol self-administration in nonhuman primates.

## **PUBLICATIONS**

Harshberger E, Gilson E, Gillett K, Stone J, El Amrani L, **Valdez GR** (2016). nor-BNI antagonism of kappa opioid agonist-induced reinstatement of ethanol-seeking behavior. *Journal of Addiction*. Article ID 1084235, 8 pages.

**Valdez GR** (2016) Corticotropin-releasing factor receptors as a potential target in the developments of antidepressant drugs. In *Melatonin, Neuroprotective Agents, and Antidepressant Therapy*, eds. F. López-Muñoz, V. Srinivasan, D. De Berardis MD, C. Álamo, TA Kato. New Delhi: Springer India.

Gillett K, Harshberger E, **Valdez GR** (2013) Protracted withdrawal from ethanol and enhanced responsiveness to stress: Regulation via the kappa opioid/dynorphin system. *Alcohol*. 47:359-65.

**Valdez GR**, Harshberger E (2012) Kappa opioid regulation of anxiety-like behavior during acute ethanol withdrawal. *Pharmacol Biochem Behav* 102: 44-7.

Walker BM, **Valdez GR**, McLaughlin JP, Bakalin G (2012) Targeting dynorphin/kappa opioid receptor systems to treat alcohol abuse and dependence. *Alcohol* 46: 359-70.

**Valdez GR** (2011) Corticotropin-releasing factor and hypothalamic-pituitary-adrenal axis regulation of the behavioral stress response and depression. In *Neurobiology of Depression*, eds. F. López-Muñoz and C. Álamo. New York: Taylor & Francis Group.

**Valdez GR** (2009) CRF receptors as a potential target in the development of novel pharmacotherapies for depression. *Curr Pharm Des* 15:1587-94.

Achat-Mendes C, **Valdez GR**, Platt DM, Rowlett JK and Spealman RD (2009) Intravenous self-administration of etonitazene alone and combined with cocaine in rhesus monkeys: comparison with heroin and antagonism by naltrexone and naloxonazine. *Psychopharmacology* 204:489-98.

**Valdez GR**, Platt DM, Rowlett JK, Ruedi-Bettschen D, Spealman RD (2007) Kappa agonist-induced reinstatement of cocaine seeking in squirrel monkeys: A role for opioid and stress-related mechanisms. *J Pharmacol Exp Ther* 323:525-33.

Zhao Y, **Valdez GR**, Fekete EM, Rivier J, Vale WW, Rice KF, Weiss F, Zorrilla EP (2007)

Subtype-selective corticotropin-releasing factor receptor agonists exerts contrasting, but not opposite, effects on anxiety-related behavior. *J Pharmacol Exp Ther* 323:846-54.

**Valdez GR** (2006) Development of CRF<sub>1</sub> receptor antagonists as antidepressants and anxiolytics: progress to date. *CNS Drugs* 20:887-96.

**Valdez GR**, Zorrilla EP, Koob GF (2005) Homeostasis within the corticotropin-releasing factor system via CRF<sub>2</sub> receptor activation: a novel approach for the treatment of anxiety. *Drug Dev Res* 65:205-15.

Breese GR, Chu K, Dayas CV, Funk D, Knapp DJ, Koob GF, Le DA, O'Dell LE, Overstreet DH, Roberts AJ, Sinha R, **Valdez GR**, Weiss F (2005) Stress enhancement of craving during sobriety: a risk for relapse. *Alcohol Clin Exp Res* 29:185-95.

Zorrilla EP, Inoue K, Fekete EM, Tabarin A, **Valdez GR**, Koob GF (2005) Measuring meals: structure of prandial food and water intake of rats. *Am J Physiol Regul Integr Comp Physiol* 288:R1450-65.

Zorrilla EP, Inoue K, **Valdez GR**, Tabarin A, Koob GF (2005) Leptin and post-prandial satiety: acute central leptin more potently reduces meal frequency than meal size in the rat. *Psychopharmacology* 177:324-35.

**Valdez GR**, Koob GF (2004) Allostasis and dysregulation of corticotropin-releasing factor and neuropeptide Y systems: implications for the development of alcoholism. *Pharmacol Biochem Behav* 79:671-89.

**Valdez GR**, Sabino V, Koob GF (2004) Increased anxiety-like behavior and ethanol self-administration in dependent rats: Reversal via CRF<sub>2</sub> receptor activation. *Alcohol Clin Exp Res* 28:865-72.

Zorrilla EP, Reinhardt LE, **Valdez GR**, Inoue K, Rivier J, Vale WW, Koob GF (2004) Human urocortin 2, a CRF<sub>2</sub> agonist, and ovine CRF, a CRF<sub>1</sub> agonist, differentially alter feeding and motor activity. *J Pharmacol Exp Ther* 310:1027-34.

Inoue K, Zorrilla EP, Tabarin A, **Valdez GR**, Iwasaki S, Kiriike N, Koob GF (2004) Reduction of anxiety after restricted feeding in the rat: Implication for eating disorders. *Biol Psychiatry* 55:1075-81.

**Valdez GR**, Zorrilla EP, Rivier J, Vale WW, Koob GF (2003) Locomotor suppressive and anxiolytic-like effects of urocortin 3, a highly selective type 2 corticotropin-releasing factor agonist. *Brain Res* 980:206-12.

**Valdez GR**, Zorrilla EP, Roberts AJ, Koob GF (2003) Antagonism of corticotropin-releasing factor attenuates the enhanced responsiveness to stress observed during protracted ethanol abstinence. *Alcohol* 29:55-60. *High priority communication*

Inoue K, **Valdez GR**, Reyes TM, Reinhardt LE, Tabarin A, Rivier J, Vale WW, Sawchenko PE, Koob GF, Zorrilla EP (2003) Human urocortin II, a selective agonist for the type 2 corticotropin-releasing factor receptor, decreases feeding and drinking in the rat. *J Pharmacol Exp Ther* 305:385-93.

**Valdez GR**, Inoue K, Koob GF, Rivier J, Vale WW, Zorrilla EP (2002) Human urocortin II: Mild locomotor suppressive and delayed anxiolytic-like effects of a novel corticotropin-releasing factor related peptide. *Brain Res* 943:142-50.

**Valdez GR**, Roberts AJ, Chan K, Davis H, Brennan M, Zorrilla EP, Koob GF (2002) Increased ethanol self-administration and anxiety-like behavior during acute ethanol withdrawal and protracted abstinence: Regulation by corticotropin-releasing factor. *Alcohol Clin Exp Res* 26:1494-501.

Zorrilla EP, **Valdez GR**, Nozulak J, Koob GF, Markou A (2002) Effects of antalarmin, a CRF type 1 receptor antagonist, on anxiety-like behavior and motor activation in the rat. *Brain Res* 952:188-99.

Weiss F, Ciccocioppo R, Parsons LH, Katner S, Liu X, Zorrilla EP, **Valdez GR**, Ben-Shahar O, Angeletti S, Richter RR (2001) Compulsive drug-seeking behavior and relapse. Neuroadaptation, stress, and conditioning factors. *Ann N Y Acad Sci* 937:1-26.

Zorrilla EP, **Valdez GR**, Weiss F (2001) Changes in levels of regional CRF-like immunoreactivity and plasma corticosterone during protracted drug withdrawal in dependent rats. *Psychopharmacology* 158:374-81.

### **MANUSCRIPTS IN PROGRESS**

Jarman SK, Haney AM, **Valdez GR** Kappa opioid regulation of depressive-like behavior during acute and protracted withdrawal from ethanol. In preparation.

### **CONFERENCE PRESENTATIONS**

Chapa DM, Jarman SK, **Valdez GR** (2015) Kappa opioid regulation of depressive-like behavior and ethanol self-administration during acute and protracted withdrawal from ethanol. Annual Meeting of the Society for Neuroscience. Chicago, IL.

Jarman SK, Haney AM, **Valdez GR** (2013) Kappa opioid regulation of depressive-like behavior and reward seeking during acute and protracted withdrawal from ethanol. Annual Meeting of the Society for Neuroscience. San Diego, CA.

Gillett K, Harshberger E, **Valdez GR** (2012) Protracted withdrawal from ethanol and the enhanced responsiveness to mild stress: regulation via the dynorphin/kappa opioid receptor system. Annual Meeting of the Society for Neuroscience. New Orleans, LA.

Harshberger E, Gilson, EA, **Valdez GR** (2011) Enhancement of the behavioral stress response and ethanol reinstatement: regulation by kappa opioid receptor activation. Annual Meeting of the Society for Neuroscience. Washington, DC.

**Valdez GR** (2011) Kappa opioid regulation of stress-related reinstatement and the behavioral stress response during withdrawal. Alcoholism and Stress: A Framework for Future Treatment Strategies. Volterra, Italy.

**Valdez GR**, Thomas KE, Goodrich E, Dekker KM (2008) Kappa opioid receptor antagonism of the behavioral stress response following chronic exposure to ethanol. Annual Meeting of the Society for Neuroscience. Washington, DC.

Achat-Mendez C, **Valdez GR**, Platt DM, Rowlett JK, Spealman RD (2007) Self-administration of opioid-cocaine combinations in rhesus monkeys: effects of naltrexone and naloxonazine. Annual Meeting of the Society for Neuroscience. San Diego, CA.

**Valdez GR**, Platt DM, Rowlett JK, Spealman RD (2006) Kappa opioid agonist-induced reinstatement of cocaine seeking in squirrel monkeys: a role for stress?. Annual Meeting of the College on Problems of Drug Dependence. Scottsdale, AZ.

**Valdez GR**, Platt DM, Rowlett JK, Spealman RD (2006) Enhancement of cocaine self-administration by etonitazene is not attenuated by naloxonazine in rhesus monkeys. Experimental Biology. San Francisco, CA.

**Valdez GR**, Platt DM, Rowlett JK, Spealman RD (2005) Kappa opioid agonists induce partial reinstatement of cocaine-seeking behavior via non-opioid mechanisms. Annual Meeting of the College on Problems of Drug Dependence. Orlando, FL.

**Valdez GR**, Platt DM, Rowlett JK, Spealman RD (2004) Modulation of the discriminative stimulus effects and self-administration of cocaine by etonitazene in rhesus monkeys. Annual Meeting of the Society for Neuroscience. San Diego, CA.

Inoue K, Tabarin A, **Valdez GR**, Iwasaki S, Muramatsu T, Kiriike N, Koob GF, Zorrilla EP (2004) Leptin suppresses the rebound hyperphagia induced by chronic restricted feeding in rats. Annual Meeting of the Society for Neuroscience. San Diego, CA.

**Valdez GR**, Zorrilla EP, Rivier J, Vale WW, Koob GF (2002) Behavioral effects of urocortin III, a novel highly selective CRF<sub>2</sub> receptor agonist, in animal models of anxiety. Annual Meeting of the Society for Neuroscience. Orlando, FL.

Inoue K, Zorrilla EP, Tabarin A, **Valdez GR**, Iwasaki S, Kiriike N, Koob GF (2002) Persistent reduction in anxiety-like behavior following restricted feeding in the rat. Annual Meeting of the Society for Neuroscience. Orlando, FL.

Zorrilla EP, Tabarin AC, Inoue K, **Valdez GR**, Catargi B, Roberts AJ, Reinhardt LE, Lee KF, Vale WW, Koob GF (2002) Stress-induced anorexia does not require type-1 corticotropin-releasing factor receptor activation. Annual Meeting of the Society for Neuroscience. Orlando, FL.

Chen SA, Kitamura O, Zorrilla EP, **Valdez GR**, Markou A, Bartafi T, Koob GF (2002) The effect of neuropeptides on unlimited access to heroin self-administration. National Institute on Drug Abuse Satellite Meeting of the Society for Neuroscience on Addiction. Orlando, FL.

**Valdez GR**, Inoue K, Koob GF, Rivier J, Vale WW, Zorrilla EP (2001) Human urocortin II: Effects of a novel, selective CRF-R2 agonist on anxiety and motor activation. Annual Meeting of the Society for Neuroscience. San Diego, CA.

Inoue K, **Valdez GR**, Reinhardt LE, Tabarin A, Rivier J, Vale WW, Koob GF, Zorrilla EP (2001) Anorectic effects of human urocortin II, a novel, selective type 2 CRF receptor agonist, in the rat. Regional Meeting of the Collegium Internationale Neuropsychopharmacologium. Hiroshima, Japan.

Zorrilla EP, Inoue K, Reinhardt LE, **Valdez GR**, Tabarin A, Rivier J, Vale WW, Koob GF (2001) Anorectic effects of human urocortin II, a selective type 2 CRF receptor agonist. Annual Meeting of the Society for Neuroscience. San Diego, CA.

**Valdez GR**, Zorrilla EP, Koob GF, Weiss F (2000) Influence of protracted ethanol abstinence on corticotropin-releasing factor systems and the HPA axis in dependent rats. Annual Meeting of the Society for Neuroscience. New Orleans, LA.

Mandillo S, **Valdez GR**, Miczek KA (1998) Socially facilitated drinking of sweetened ethanol in group housed squirrel monkeys. Annual Meeting of the Society for Neuroscience. Los Angeles, CA.

### **STUDENT CONFERENCE PRESENTATIONS**

Wallin C, **Valdez GR** (2015) Naltrexone regulation of stress-enhanced ethanol self-administration. Midwest/Great Lakes Undergraduate Research Symposium in Neuroscience. Toledo, OH.

Chapa DM, **Valdez GR** (2014) Kappa opioid regulation of acute and protracted alcohol withdrawal. West Michigan Regional Undergraduate Science and Research Conference. Grand Rapids, MI.

Jarman SK, **Valdez GR** (2014) Kappa opioid regulation of depressive-like behavior during acute and protracted withdrawal from ethanol. Midwest/Great Lakes Undergraduate Research Symposium in Neuroscience. Crawfordsville, IN.

Gillett K, Harshberger E, **Valdez GR** (2012) Dynorphin/kappa opioid receptor regulation of the enhanced responsiveness to mild stress during protracted ethanol withdrawal. Meeting of the Michigan Chapter of the Society for Neuroscience. Ann Arbor, MI.

## **RESEARCH SUPPORT**

CSCE Catalyst Grant

Project title: Effects of Urocortin 3 on the behavioral stress response following long-term alcohol withdrawal.

Grand Valley State University Center for Scholarly and Creative Excellence

11/1/2017-10/31/2018

*Previous:*

CSCE Catalyst Grant

Project title: CRF<sub>2</sub> Receptor Regulation of Anxiety Following Long-Term Withdrawal from Alcohol

Grand Valley State University Center for Scholarly and Creative Excellence

11/1/2015-10/31/2016

CSCE Catalyst Grant

Project title: Kappa Opioid Regulation of the Reinstatement of Ethanol Seeking

Grand Valley State University Center for Scholarly and Creative Excellence

4/1/2014-3/31/2015

R15 AA018213

Project title: Kappa Opioid Regulation of Ethanol Withdrawal and Relapse

National Institute on Alcohol Abuse and Alcoholism

3/1/2010-2/28/2014

Faculty Research Grant in Aid

Project title: Kappa Opioid Regulation of the Reinstatement of Ethanol Seeking

Grand Valley State University Center for Research and Development

1/1/2008-1/1/2009

Faculty Research Grant in Aid

Project title: Kappa Opioid Regulation of Ethanol Withdrawal-Induced Anxiety

Grand Valley State University Center for Research and Development

5/1/2007-8/31/2007

F32 DA019286

Project title: Opioid and Dopamine Mechanisms of Heroin Relapse

National Institute on Drug Abuse

6/1/2005-6/30/2006



F31 AA05563

Project title: Role of CRF in Ethanol Withdrawal and Reinforcement

National Institute on Alcohol Abuse and Alcoholism

4/1/2000-3/31/2003

*Pending Applications*

R15 AA025471

Project title: CRF<sub>2</sub> Receptor Regulation of Protracted Ethanol Withdrawal and Relapse

National Institute on Alcohol Abuse and Alcoholism

Submitted: 2/25/2016; Impact Score: 34

Resubmitted: 10/25/2017

*Applications not funded:*

R15 AA023300

Project title: CRF<sub>2</sub> Receptor Regulation of Protracted Ethanol Withdrawal and Relapse

National Institute on Alcohol Abuse and Alcoholism

Submitted: 10/25/2013; Impact Score: 41

Resubmitted: 10/25/2014; Impact Score: 40

### **AWARDS AND ACADEMIC HONORS**

Psi Chi Professor of the Year, 2014

Psi Chi, Grand Valley State University Chapter

Distinguished Early Career Scholar, 2012

Center for Scholarly and Creative Excellence, Grand Valley State University

Psi Chi Professor of the Year, 2010

Psi Chi, Grand Valley State University Chapter

Early Career Investigator Award, 2006

The College on Problems of Drug Dependence

Teaching Assistant Excellence Award, 2001

Department of Psychology, University of California, San Diego

### **PROFESSIONAL ACTIVITIES**

*Organizations:*

Faculty for Undergraduate Neuroscience

Society for Neuroscience

*Invited Talks:*

“Stress-related relapse and withdrawal: regulation via kappa opioids”  
Center for Health Sciences, SRI International, March 2012

“Kappa opioid regulation of drug withdrawal and stress-induced relapse”  
Department of Psychiatry, Harvard Medical School, April 2009

“Stress-related drug self-administration and relapse: a role for corticotropin-releasing factor, kappa opioids and norepinephrine”  
Department of Chemistry and Biochemistry, Calvin College, February 2008

*Professional Workshops:*

Cellular Biology of Addiction, Cold Spring Harbor Laboratory, August 9-15, 2005

*Ad hoc Journal Reviews:*

Behavioural Pharmacology  
Brain Research  
CNS Drugs  
Developmental Brain Research  
European Journal of Neuroscience  
Expert Opinion on Investigational Drugs  
Journal of Neuroscience  
Neuropharmacology  
Pharmacology, Biochemistry and Behavior  
Physiology and Behavior  
Psychopharmacology  
Translational Psychiatry

*Grant Reviews:*

National Institutes of Health, Neurotoxicology and Alcoholism Study Section  
U.K. Medical Research Council

*Textbook Reviews:*

King LA. The Science of Psychology: An Appreciative View (2<sup>nd</sup> edition). New York: McGraw-Hill

*Community Activities:*

“The Brain and the Five Senses”  
Zeeland Public Schools, 2009-present  
Public outreach program directed towards kindergarteners in order to educate them about the nervous system and field of neuroscience.

“Ducks and Rabbits and Brains”  
Holland Public Schools, 2014-present  
Public outreach program directed towards 3<sup>rd</sup> and 4<sup>th</sup> graders in order to educate them about the nervous system and field of neuroscience.

Neuroscientist-Teacher Partner Program, Society for Neuroscience  
Partners Society for Neuroscience members with K-12 educators and others involved in  
teacher preparation at the college or university level to share knowledge and raise  
interest in the nervous system.