

CURRICULUM VITAE

Scott Edwards, PhD

Current Title: Tenure-Track Assistant Professor
Business Address: Louisiana State University Health Sciences Center
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Birthdate and Birthplace: December 28, 1976, Abilene, TX
Spouse: Kimberly Edwards
Citizenship: United States of America

Education:
1995-2000 Bachelor of Science Degree in Biochemistry
College of Natural Sciences
The University of Texas, Austin, TX
2000-2007 Doctor of Philosophy Degree in Neuroscience
Laboratory of David W. Self
Department of Psychiatry and Center for Basic Neuroscience
The University of Texas Southwestern Medical Center, Dallas, TX
2007-2013 Post-Doctoral Fellowship
Laboratory of George F. Koob
Committee on the Neurobiology of Addictive Disorders
The Scripps Research Institute, La Jolla, CA

Academic, Professional, and Research Appointments:

2013-Present Tenure-Track Assistant Professor
Department of Physiology
LSU Health Sciences Center-New Orleans

2013-Present Alcohol and Drug Abuse Center of Excellence
LSU Health Sciences Center-New Orleans

2014-Present Neuroscience Center of Excellence
LSU Health Sciences Center-New Orleans

2018-Present BLRD/CSRD Intramural Program
Southeast Louisiana Veterans Health Care System

Membership in Professional Organizations:

1999-Present	Member, Society for Neuroscience (SFN)
2009-Present	Member, Research Society on Alcoholism (RSA)
2013-Present	RSA Animal Research and Ethics Committee
2014-Present	Member, American Physiological Society (APS)
2014-Present	Member, American Pain Society
2015	RSA Conference Program Committee
2017-2019	APS Conference Committee
2017-2019	APS Central Nervous System Section Steering Committee
2018-Present	Member, International Society for Biomedical Research on Alcoholism (ISBRA)

Awards and Honors:

1998-1999	University CO-OP Undergraduate Research Fellowship The University of Texas at Austin
1999	ASPET Summer Undergraduate Research Fellowship Department of Pharmacology, Vanderbilt University
1999	Microscopy Society of America Undergraduate Research Fellowship
2011	NIH/NIAAA Travel Award Second International Congress on Alcoholism and Stress, Volterra, Italy
2011	NIAAA Training Directors Meeting and Trainee Workshop Travel Award Center for Alcohol and Addiction Studies, Brown University
2013	Winter Conference on Brain Research Travel Fellowship 46 th Annual Meeting, Breckenridge, Colorado
2014	NIH/NIAAA Young Investigator Award Third International Congress on Alcoholism and Stress, Volterra, Italy
2015	American College on Neuropsychopharmacology (ACNP) Travel Award
2016	LSU School of Medicine Faculty Assembly Outstanding Accomplishments by a Junior Faculty Member Award
2018	American Physiological Society Central Nervous System Section New Investigator Award
2018	American Physiological Society Beverly Petterson Bishop Award for Excellence in Neuroscience

TEACHING EXPERIENCE AND RESPONSIBILITIES

Formal Course Responsibilities

Since joining LSUHSC-New Orleans in 2013, my teaching and educational scholarship opportunities have steadily grown to become a key part of my academic career, inspired by the wealth of opportunities and dedicated educators around the health sciences center. My teaching has been largely focused in the areas of endocrine physiology and neuroscience. My main endocrine teaching responsibilities occur within the School of Nursing (*Nursing Physiology* and *Nursing Pathophysiology*), School of Allied Health (*Biological Systems*), and School of Graduate Studies (*Biological Systems* and *Endocrinology*). I have also contributed to teaching in the neurosciences through my joint appointment with the Neuroscience Center of Excellence and with the creation of a new special topics course entitled *Physiology of Neuronal Circuits*. Finally, I have contributed to the teaching mission of the Interdisciplinary Graduate Program of the School of Graduate Studies via the *Ethics in Biomedical Sciences* and *Experimental Design & Analysis* courses. Lecture hours and teaching evaluation scores are listed in the table below:

Summary of Teaching Responsibilities (*Course Director)					
Year	LSUHSC School	Course Title	Course Number	Lecture Hours	Evaluations (Scale 1-4)
2014	SGS/SAH	Biological Systems	INTER 132	6	3.6-3.8
2015	SGS/SAH	Biological Systems	INTER 132	6	3.4-3.6
	SGS	Endocrinology*	PHYSIO 216	8	
	SGS	Ethics in the Biomedical Sciences	INTER 220	1	
	SOD	General and Oral Physiology	DHY 3202	3	
	SON	Nursing Pathophysiology	PHYSIO 3410	1	3.4-3.5
2016	SGS/SAH	Biological Systems	INTER 132	7	3.8
	SGS	Ethics in the Biomedical Sciences	INTER 220	1	
	SGS	Molecular Neurobiology	NEURO 250	4	
	SOD	General and Oral Physiology	DHY 3202	1	
	SON	Nursing Pathophysiology	PHYSIO 3410	5	3.4-3.5
	SON	Nursing Physiology	PHYSIO 2410	8	3.5-3.6
2017	SGS/SAH	Biological Systems	INTER 132	7	3.4-3.7
	SGS	Experimental Design & Analysis	INTER 143	3	
	SGS	Ethics in the Biomedical Sciences	INTER 220	1	
	SGS	Molecular Neurobiology	NEURO 250	2	
	SGS	Physiology of Neuronal Circuits*	PHYSIO 289	7	
	SOD	General and Oral Physiology	DHY 3202	1	
	SOD	Applied Oral Medicine	DENT 3116	2	
	SON	Nursing Pathophysiology	PHYSIO 3410	3	3.4-3.8
	SON	Nursing Physiology	PHYSIO 2410	16	3.4-3.8
2018	SGS/SAH	Biological Systems*	INTER 132	7	
	SGS	Experimental Design & Analysis	INTER 143	3	
	SON	Nursing Pathophysiology	PHYSIO 3410	3	
	SON	Nursing Physiology	PHYSIO 2410	16	

Undergraduate, Medical, or Graduate Students Trained (2013-Present):

Undergraduate Students

2014	Meghan Blackwell (Howard University)
2015	Jonathan Reppel (Louisiana Tech University)
2016	Adrianna Jones (Louisiana State University)
2017	Scott Ng (University of Southern California)

Medical Students

2015-2016	Brooke Towne (LSUHSC School of Medicine)
2016	Maggie Coleman (LSUHSC School of Medicine)

Graduate Students

2014-Present	Adrienne McGinn (LSUHSC-NO Physiology) - Dissertation Advisor
2017-Present	Adrienne McGinn (LSUHSC-NO Physiology) - NIH/NIAAA F31 Sponsor
2015-2018	Allyson Schreiber (LSUHSC-NO Physiology) - NIH/NIAAA F30 Co-Sponsor
2016-2017	Rod Paulsen (LSUHSC-NO Master's Program) - Thesis Advisor
2018-Present	Jessica Cucinello (LSUHSC-NO Physiology) - Dissertation Advisor

Thesis and Dissertation Committees:

2014	Thesis Committee Member - Brittni Baynes (LSUHSC-NO Physiology)
2014-2016	Dissertation Committee Member - Jacques Mayeux (LSUHSC-NO Physiology)
2014-2017	Dissertation Committee Member - John Maxi (LSUHSC-NO Physiology)
2015-2018	Dissertation Committee Member - Allyson Schreiber (LSUHSC-NO Physiology)
2015-Present	Dissertation Committee Member - Alyssa Fournett (LSUHSC-NO Pharmacology)
2015-Present	Dissertation Committee Member - Van Ninh (LSUHSC-NO Physiology)
2016-Present	Dissertation Committee Member - Elia El Hajj (LSUHSC-NO Physiology)
2017-Present	Dissertation Committee Member - Ariel Amgott-Kwan (Tulane Neuroscience)

Post-Doctoral or Post-Residency Fellows Trained:

2014-2015	Dr. Dana M. LeBlanc (LSUHSC-NO Pediatrics/Hematology/Oncology Fellow)
2015-Present	Dr. Amanda R. Pahng (LSUHSC-NO Physiology)

RESEARCH AND SCHOLARSHIP

Past Funded Grants and Contracts:

10/01/2003-09/30/2006

Protein Phosphorylation States in Drug Addiction

National Institute on Drug Abuse (F31DA016472)

Edwards (PI)

This predoctoral NRSA examined the association between mesolimbic protein phosphorylation status and individual differences in cocaine self-administration in animals.

04/13/2009-07/12/2011

Role of Vasopressin/ERK Signaling in Ethanol Dependence

National Institute on Alcohol Abuse and Alcoholism (F32AA018250)

Edwards (PI)

This postdoctoral NRSA examined the functional role of vasopressin V1b receptors in the escalation of drinking evident in alcohol-dependent animals.

11/01/2014-10/31/2015

Neuronal ERK/MAPK Signaling in a Mouse Model of Sickle Cell Disease Pain

LSUHSC Department of Pediatrics Intramural Clinical and Translational Grants Program

Edwards (Co-PI)

\$25,000

This grant investigated neuroadaptations in pain-related brain areas in a transgenic mouse model of sickle cell disease.

01/01/2015-12/31/2015

Combinations of Levomepromazine and Morphine for Analgesia in Recovered Addicts

LSUHSC Alcohol and Drug Abuse Center of Excellence Pilot Grant Program

Edwards (Co-PI)

\$15,000

This grant examined the opioid-sparing efficacy of levomepromazine for analgesia.

Currently Funded Grants and Contracts:

09/01/2012-08/31/2018* (*NCE)

Intersection of Pain and Ethanol-Seeking Mechanisms in Ethanol Dependence

National Institute on Alcohol Abuse and Alcoholism (K99/R00AA020839)

Edwards (PI, 30% Effort)

\$170,546/yr.

This Pathway to Independence Award examines the mechanistic link between excessive drinking and hyperalgesia in alcohol-dependent animals.

12/01/2014-11/31/2019

LSUHSC Comprehensive Alcohol-HIV/AIDS Research Center

National Institute of Alcoholism and Alcohol Abuse (2P60AA009803-22-Sub 7717)

Edwards (PI of Outreach and Information Dissemination Core, 5% Effort)

This P60 investigates physiological mechanisms underlying HIV- and alcohol-related comorbidities, including dissemination of findings and related information to health care professionals and the public.

09/15/2017-09/14/2019

Role of GluA1 in the Escalation of Alcohol Drinking in Nicotine-Dependent Animals

National Institute on Alcohol Abuse and Alcoholism (R21AA025736)

Edwards (PI, 30% Effort)

\$137,500/yr.

This grant examines the neurobiological interactions of alcohol and nicotine dependence, with a focus on excitatory glutamatergic signaling in the prefrontal cortex and central amygdala.

11/01/2017-10/31/2018

Central Neuropharmacological Mechanisms of Pain and Alcohol Dependence

LSU Health School of Medicine Research Enhancement Program

\$70,000

This bridge grant will generate additional preliminary data in support of future R01 submissions aimed at discovering novel therapeutic strategies for alcohol dependence and pain, with a focus on glucocorticoid signaling mechanisms.

01/01/2018-12/31/2018

Neurobiological Correlates of Pain & Cognitive Dysfunction in a Rhesus Macaque Model of HIV/Alcohol Co-Morbidity

LSU Health Comprehensive Alcohol Research Center Pilot Grant

\$30,000

This pilot grant will examine neuroadaptations in central pain- and cognition-related regions in association with these behaviors examined in a rhesus macaque model of HIV/alcohol comorbidity.

09/15/2017-09/14/2022

Traumatic Stress Increases Alcohol Drinking via Endocannabinoid Disinhibition of Basolateral Amygdala

National Institute on Alcohol Abuse and Alcoholism (R01AA026531)

Edwards (Co-I, 10% Effort)

\$250,000/yr.

This grant will determine the role of amygdala endocannabinoid signaling dysregulation in promoting the escalation of drinking in an animal model of post-traumatic stress disorder (PTSD).

07/01/2018-06/30/2023

Alcohol and Traumatic Brain Injury; Neuronal and Behavioral Consequences

National Institute on Alcohol Abuse and Alcoholism (R01AA025792)

Edwards (Co-I, 10% Effort)

\$250,000/yr.

This grant will examine the efficacy of boosting endogenous cannabinoid signaling to reduce escalated drinking in the context of traumatic brain injury (TBI).

Grants and Contracts Pending Funding:

08/01/2018-07/31/2023 (Award Pending - Resubmission at 17th Percentile)

Vasopressin Signaling in Pain and Alcohol Dependence

National Institute on Alcohol Abuse and Alcoholism (R01AA025996)

Edwards (PI)

\$250,000/yr.

This grant will determine the functional role of vasopressin signaling in the manifestation of excessive drinking and hyperalgesia in alcohol-dependent animals.

08/01/2018-07/31/2023

Plasma miRNA Neuro-Biomarkers in PLWHA with Substance Use Disorders

National Institute on Drug Abuse

Edwards (Co-I, 10% Effort)

\$250,000/yr.

This project will explore microRNA signatures linked to excessive drug use and associated cognitive deficits in HIV-positive individuals.

08/01/2018-07/31/2019

A Standardized Phytocannabinoid Strategy to Treat Pain and Reduce the Need for Opioids

Medical Technology Enterprise Consortium (MTEC)

Edwards (Co-PI, 20% Effort)

\$500,000

This grant aims to examine the efficacy of a non-euphoric, standardized cannabis extract to reduce fentanyl self-administration and indices of fentanyl-induced hyperalgesia.

12/01/2018-11/30/2023

Mechanisms of Alcohol Impairment of Recovery from Disuse Atrophy

National Institute on Alcohol Abuse and Alcoholism

Edwards (Co-PI, 10% Effort)

\$250,000/yr.

This grant will determine the mechanisms whereby alcohol contributes to muscle atrophy and hyperalgesia following hind limb immobilization.

Journal Publications (57 Refereed):

Edwards S, Simmons DL, Galindo DG, Doherty JM, Scott AM, Hughes PD, Wilcox RE. Antagonistic effects of dopaminergic drugs and ethanol on PKA-mediated phosphorylation of DARPP-32 and the NR1 subunit of the NMDA receptor. Alcoholism: Clinical and Experimental Research 2002 26(2): 173-80.

Choi KH, Rahman Z, **Edwards S**, Hall S, Neve RL, Self DW. Opposite effects of GluR1 and PKA-resistant GluR1 overexpression in the ventral tegmental area on cocaine reinforcement. Annals of the New York Academy of Sciences 2003 1003: 372-4.

Bolaños CA, Perrotti LI, **Edwards S**, Eisch AJ, Barrot M, Olson VG, Russell DS, Neve RL, and Nestler EJ. Phospholipase C in distinct regions of the ventral tegmental area differentially modulates mood-related behaviors. The Journal of Neuroscience 2003 23: 7569-7576.

Perrotti LI, Bolaños CA, Choi KH, Russo SJ, **Edwards S**, Ulery PG, Wallace DL, Self DW, Nestler EJ, and Barrot M. Delta FosB accumulates in a GABAergic cell population in the posterior tail of the ventral tegmental area after psychostimulant treatment. European Journal of Neuroscience 2005 21: 2817-2824.

Olson VG, Zabetian CP, Bolaños CA, **Edwards S**, Barrot M, Eisch AJ, Hughes T, Self DW, Neve RL, and Nestler EJ. Regulation of drug reward by CREB: Evidence for two functionally distinct subregions of the ventral tegmental area. The Journal of Neuroscience 2005 25: 5553-5562.

Edwards S, Self DW. Monogamy: Dopamine ties the knot. Nature Neuroscience 2006 9(1): 7-8.

- Edwards S**, Whisler KN, Fuller D, Orsulak PJ, Self DW. Addiction-related alterations in D1 and D2 dopamine receptor responsiveness following chronic cocaine self-administration. Neuropsychopharmacology 2007 32: 354-366.
- Edwards S**, Graham DL, Bachtell RK, Self DW. Region-specific tolerance to cocaine-regulated cAMP-dependent protein phosphorylation following chronic cocaine self-administration. European Journal of Neuroscience 2007 25: 2201-2213.
- Graham DL, **Edwards S**, Bachtell RK, DiLeone RJ, Rios M, Self DW. Dynamic BDNF activity in nucleus accumbens with cocaine use increases self-administration and relapse. Nature Neuroscience 2007 10(8): 1029-1037.
- Graham DL, Krishnan V, Larson EB, Graham A, **Edwards S**, Bachtell RK, Simmons D, Gent LM, Berton O, Bolanos CA, DiLeone RJ, Parada LF, Nestler EJ, Self DW. Tropomyosin-Related Kinase B in the mesolimbic dopamine system: region-specific effects on cocaine reward. Biological Psychiatry 2009 65(8): 696-701.
- Edwards S**, Graham DL, Whisler KN, Self DW. Phosphorylation of GluR1, ERK, and CREB following spontaneous withdrawal from chronic heroin self-administration. Synapse 2009 63(3): 224-235.
- Orio L, **Edwards S**, George O, Parsons L, Koob GF. A role for the endocannabinoid system in the increased motivation for cocaine in dependence. The Journal of Neuroscience 2009 29(15): 4846-4857.
- Enwright JF, Wald M, Paddock M, Hoffman E, Arey R, **Edwards S**, Spencer S, Nestler EJ, McClung CA. Δ FosB indirectly regulates CCK promoter activity. Brain Research 2010 1329: 10-20.
- Taffe MA, Kotzebue RW, Crean RD, Crawford EF, **Edwards S**, Mandyam CD. Long-lasting reduction in hippocampal neurogenesis by alcohol consumption in adolescent nonhuman primates. Proceedings of the National Academy of Sciences U.S.A. 2010 107(24): 11104-11109.
- Edwards S**, Koob GF. The neurobiology of dysregulated motivational systems in drug addiction. Future Neurology 2010 5(3): 393-410.
- Larson EB, Akkentli F, **Edwards S**, Graham DL, Simmons DL, Alibhai IN, Nestler EJ, Self DW. Striatal regulation of DeltaFosB, FosB, and cFos during cocaine self-administration and withdrawal. Journal of Neurochemistry 2010 115(1): 112-122.
- Edwards S**, Whisler KN, Bachtell RK, Guzman D, Self DW. Emergence of context-associated GluR1 and ERK phosphorylation in the nucleus accumbens core during withdrawal from cocaine self-administration. Addiction Biology 2011 16(3): 450-7.
- Choi KH, **Edwards S**, Graham DL, Han MH, Larson EB, Whisler KN, Simmons D, Rahman Z, Monteggia LM, Eisch AJ, Neve RL, Nestler EJ, Self DW. Reinforcement-related regulation of AMPA glutamate receptor subunits in the ventral tegmental area enhances cocaine reinforcement. The Journal of Neuroscience 2011 31(21): 7927-7937.

- Stowe GN, Schlosberg JE, Vendruscolo LF, **Edwards S**, Misra KK, Schulteis G, Mayorov AV, Zakhari JS, Koob GF, Janda KD. Developing a vaccine against multiple psychoactive targets: a case study of heroin. Current Drug Targets-CNS and Neurological Disorders 2011 10(8): 865-875.
- Stowe GN, Vendruscolo LF, **Edwards S**, Schlosburg JE, Misra KK, Schulteis G, Mayorov AV, Zakhari JS, Koob GF, Janda KD. A vaccine strategy that induces protective immunity against heroin. Journal of Medicinal Chemistry 2011 54(14): 5195-204.
- Edwards S**, Guerrero M, Ghoneim O, Roberts E, Koob GF. Evidence that vasopressin V1b receptors mediate the transition to excessive drinking in ethanol-dependent rats. Addiction Biology 2012 17(1): 76-85.
- Edwards S**, Vendruscolo LF, Schlosburg JE, Misra KK, Wee S, Park PE, Schulteis G, Koob GF. Development of mechanical hypersensitivity during ethanol dependence and extended access to heroin self-administration: alleviation by CRF1 receptor antagonism. Neuropharmacology 2012 62(2): 1142-1151.
- Recinto P, Samant ARH, Chavez G, Kim A, Yuan CJ, Soleiman M, **Edwards S**, George O, Grant Y, Wee S, Koob GF, Mandyam CD. Levels of neural progenitors in the hippocampus predict memory impairments and relapse to drug seeking as a function of excessive methamphetamine self-administration. Neuropsychopharmacology 2012 37(5): 1275-1287.
- Egli M, Koob GF, **Edwards S**. Alcohol dependence as a chronic pain disorder. Neuroscience and Biobehavioral Reviews 2012 36: 2179-2192.
- Barbier E, Vendruscolo LF, Schlosburg JE, **Edwards S**, Park PE, Misra KK, Cheng K, Rice K, Schank J, Schulteis G, Koob GF, Heilig M. The NK1 receptor antagonist L822429 reduces heroin reinforcement. Neuropsychopharmacology 2013 38(6): 976-984.
- Schlosburg JE, Vendruscolo LF, Bremer P, Lockner JW, Nunes AA, Stowe GN, **Edwards S**, Janda KD, Koob GF. Heroin vaccine blocks relapse and compulsive intake of heroin. Proceedings of the National Academy of Sciences U.S.A. 2013 110(22): 9036-41.
- Park PE, Vendruscolo LF, Schlosburg JE, **Edwards S**, Schulteis G, Koob GF. Corticotropin-releasing factor (CRF) and alpha2-adrenergic receptors mediate heroin withdrawal-potentiated startle in rats. The International Journal of Neuropsychopharmacology 2013 16: 1867-75.
- Kallupi M, Wee S, **Edwards S**, Whitfield TW Jr, Oleata CS, Luu G, Schmeichel BE, Koob GF, Roberto M. Kappa opioid receptor-mediated dysregulation of gamma-aminobutyric acidergic transmission in the central amygdala in cocaine addiction. Biological Psychiatry 2013 74(7): 520-528.
- Edwards S**, Baynes BB, Carmichael C, Zamora-Martinez ER, Koob GF, Gilpin NW. Traumatic stress reactivity promotes excessive alcohol drinking and alters the balance of prefrontal cortex-amygdala activity. Translational Psychiatry 2013 3:e296.
- Apkarian AV, Neugebauer V, Koob GF, **Edwards S**, Levine J, Egli M, Regunathan S. Neural mechanisms of pain and alcohol dependence. Pharmacology, Biochemistry, and Behavior 2013 112: 34-41.

- Edwards S**, Koob GF. Escalation of drug self-administration as a hallmark of addiction liability. Behavioural Pharmacology 2013 24 (5-6): 356-365.
- Koob GF, Buck C, Cohen A, **Edwards S**, Park PE, Schlosburg JE, Schmeichel BE, Vendruscolo LF, Wade CL, Whitfield TW Jr, George O. Addiction as a stress surfeit disorder. Neuropharmacology 2014 76: 370-82.
- Zamora-Martinez ER, **Edwards S**. Neuronal extracellular signal-regulated kinase (ERK) signaling as marker and mediator of alcohol and opioid dependence. Frontiers in Integrative Neuroscience 2014 8:24.
- Mazei-Robison MS, Appasani R, **Edwards S**, Wee S, Taylor SR, Picciotto MR, Koob GF, Nestler EJ. Self-administration of ethanol, cocaine, or nicotine does not decrease the soma size of ventral tegmental area dopamine neurons. PLoS One 2014 9(4):e95962.
- Whitaker AM, Gilpin NW, **Edwards S**. Animal models of post-traumatic stress disorder and recent neurobiological insights. Behavioural Pharmacology 2014 25:398-409.
- English R, **Edwards S**, Armstrong M, McDonough K, Molina P. Alcohol use disorder: An interprofessional case-based exercise. MedEdPORTAL; 2014. Available from: www.mededportal.org/publication/9916
- Cohen A, Treweek J, **Edwards S**, Molini R, Schulteis G, Koob GF, George O. Extended access to nicotine leads to a CRF1 receptor dependent increase in anxiety-like behavior and hyperalgesia in rats. Addiction Biology 2015 20:56-68.
- Park PE, Schlosburg JE, Vendruscolo LF, Schulteis G, **Edwards S**, Koob GF. Chronic CRF1 receptor blockade reduces heroin intake escalation and dependence-induced hyperalgesia. Addiction Biology 2015 20:275-284.
- Whitfield TW Jr, Schlosburg JE, Wee S, Gould A, George O, Grant Y, Zamora-Martinez ER, Crawford E, **Edwards S**, Vendruscolo LF, Koob GF. Kappa opioid receptors in the nucleus accumbens shell mediate escalation of methamphetamine intake. The Journal of Neuroscience 2015 35:4296-4305.
- Helms CM, Anderson SM, Bell RL, Bennett AJ, Davies DL, Kosten TA, Leeman R, Panicker S, Platt DM, Weiner JL, **Edwards S**. The importance of animals in advancing research on alcohol use disorders. Alcoholism: Clinical and Experimental Research 2015 39:575-578.
- Kim A, Zamora-Martinez ER, **Edwards S**, Mandyam CD. Structural reorganization of pyramidal neurons in the medial prefrontal cortex of alcohol-dependent rats is associated with altered glial plasticity. Brain Structure and Function 2015 220:1705-1720.
- LeBlanc D, McGinn MA, Itoga CA, **Edwards S**. The affective dimension of pain as a risk factor for drug and alcohol addiction. Alcohol 2015 49:803-809.
- Edwards S**, Little HJ, Richardson HR, Vendruscolo LF. Divergent regulation of distinct glucocorticoid systems in alcohol dependence. Alcohol 2015 49:811-816.

Vendruscolo LF, Estey D, Goodell V, Macshane LG, Logrip ML, Schlosburg JE, McGinn MA, Zamora-Martinez ER, Belanoff JK, Hunt HJ, Sanna PP, George O, Koob GF, **Edwards S**, Mason BJ. Glucocorticoid receptor antagonism decreases alcohol seeking in alcohol-dependent individuals. Journal of Clinical Investigation 2015 125:3193-3197.

Edwards S, Molina PE, McDonough KH, Mercante DE, Gualdo TP. Integrating an interprofessional education experience into a human physiology course. The Journal of Physician Assistant Education 2016 28:146-148.

Whitaker AM, Farooq MA, **Edwards S**, Gilpin NW. Post-traumatic stress avoidance is attenuated by corticosterone and associated with brain levels of steroid receptor co-activator-1 in rats. Stress 2016 19:69-77.

Somkuwar SS, Staples MC, Fannon M, Zamora-Martinez ER, Kim A, Navarro AI, **Edwards S**, Mandyam CD. Alcohol dependence-induced regulation of the proliferation and survival of adult brain progenitors is associated with altered BDNF-TrkB signaling. Brain Structure and Function 2016 221:4319-4335.

McGinn MA, Paulsen RI, Itoga CA, Farooq MA, Reppel JE, Edwards KN, Whitaker AM, Gilpin NW, **Edwards S**. Withdrawal from chronic nicotine exposure produces region-specific tolerance to alcohol-stimulated GluA1 phosphorylation. Alcoholism: Clinical & Experimental Research 2016 40: 2537-2547.

Mayeux J, Katz P, **Edwards S**, Middleton J, Molina P. Inhibition of endocannabinoid degradation improves outcomes from mild traumatic brain injury: a mechanistic role for synaptic hyperexcitability. Journal of Neurotrauma 2017 34: 436-443.

Edwards S, Ersche KD. Editorial overview: The diverse facets and emerging potential of addiction research. Current Opinion in Behavioral Sciences 2017 13:4-5.

Pahng AR, McGinn MA, Paulsen RI, **Edwards S**. The prefrontal cortex as a critical gate of negative affect in alcohol use disorder. Current Opinion in Behavioral Sciences 2017 13:139-143.

Pahng AR, Paulsen RI, McGinn MA, Edwards KN, **Edwards S**. Neurobiological correlates of pain avoidance-like behavior in morphine-dependent and non-dependent rats. Neuroscience 2017 366:1-14.

Juarez B, Morel C, Ku SM, Ribeiro E, Zhang H, Crumiller M, Jackson K, Roman-Ortiz C, Croote D, Calipari ES, Zhang S, Hodes G, Liu Y, Cederbaum AI, Vendruscolo LF, **Edwards S**, Roberts A, Chaudhury D, Friedman AK, Koob GF, Han MH. Midbrain circuit regulation of individual alcohol drinking behaviors in mice. Nature Communications 2017 8:2220.

Pahng AR, Paulsen RI, McGinn MA, Farooq MA, Edwards KN, **Edwards S**. Dysregulation of c-Jun N-terminal kinase phosphorylation in alcohol dependence. Alcohol In press.

Edwards S, Molina PE, McDonough K, Mercante DE, Gualdo TP. The potential of interprofessional education to effectively translate physiology curricula into future team-based healthcare. Advances in Physiology Education In press.

Pahng AR, **Edwards S**. Measuring pain avoidance-like behavior in drug-dependent rats. Current Protocols in Neuroscience *In press*.

Avegno EG, Lobell T, Itoga CA, Baynes BB, Whitaker AM, Weera M, Edwards S, Middleton JW, Gilpin NW. Central amygdala circuits mediate hyperalgesia in alcohol-dependent rats. Journal of Neuroscience *In press*.

Book Chapters (5):

Edwards S, Koob GF. Experimental psychiatric illness and drug abuse models: from human to animal – an overview. In: Kobeissy FH (Ed.) Psychiatric Disorders: Methods and Protocols (series title: Methods in Molecular Biology) 2012 829: 31-48. Humana Press: New York.

Katz PS, **Edwards S**, Molina PE. Cannabinoids. In: Peterson PK and Toborek M (Eds.) Neuroinflammation and Neurodegeneration. 2014 XVII: 487-510. Springer: New York.

Edwards S. Reinforcement principles for addiction medicine; from recreational drug use to psychiatric disorder. In: Ekhtiari H and Paulus M (Eds.) Progress in Brain Research 2016 223: 77-89. Elsevier: Amsterdam.

McGinn MA, **Edwards S**. CRF1 receptor signaling at the intersection of pain and opioid addiction. In: Preedy V (Ed.) The Neuropathology of Drug Addictions and Substance Misuse 2016 1: 891-896. Academic Press

Whitaker AM, Priddy B, **Edwards S**, Vendruscolo LF. The role of brain stress systems in alcohol dependence. In: Preedy V (Ed.) The Neuropathology of Drug Addictions and Substance Misuse 2016 1: 610-614. Academic Press

Abstracts:

Edwards S, Hoyler SL, Erickson CK, Bond RA, Wilcox RE. Characterization of nadolol and ICI-118,551 as inverse agonists at beta2-adrenergic receptors stably expressed in CHO cells. *Society for Neuroscience Abstracts*, 29, 285.9, 1999.

Edwards S, Hoyler SL, Diaz LM, Erickson CK, Bond RA, Wilcox RE. Beta2-adrenoreceptor inverse agonists enhance cAMP accumulation via up-regulation of receptor density at the cell surface. *Society for Neuroscience Abstracts*, 30, 45.14, 2000.

Galindo DG, **Edwards S**, Simmons DL, Doherty JM, Scott AM, Hughes PD, Morrisett RA, Wilcox RE. Comparative effects of a full D1 agonist, a D2 receptor agonist, and ethanol on the phosphorylation of DARPP-32 and the NR1 subunit of the NMDA receptor. *Society for Neuroscience Abstracts*, 30, 290.6, 2000.

Choi K, **Edwards S**, Hoppenot R, Neve RL, Self DW. Modulation of locomotor responses to D1 and D2 dopamine receptor agonists by viral-mediated over-expression of AMPA receptor subunits in the rat nucleus accumbens. *Behavioural Pharmacology*, Vol 12 Supplement 1, European Brain and Behavior Society- European Behavioral Pharmacology Society Joint Meeting, August 2001.

- Edwards S**, Snyder GL, Self DW. Dopaminergic regulation of PKA-mediated AMPA receptor phosphorylation in the nucleus accumbens core and shell in vivo. *Society for Neuroscience Abstracts*, 31, 2001.
- Self DW, Choi KH, **Edwards S**, Neve RL. AMPA glutamate/dopamine receptor interactions regulate relapse to cocaine seeking. *Canadian College of Neuropsychopharmacology Abstracts*, 2002.
- Edwards S**, Self DW. Individual differences in cocaine self-administration determine dopamine receptor sensitivity in locomotor activity and relapse to cocaine seeking. *Society for Neuroscience Abstracts*, 32, 2002.
- Simmons DL, Hoppenot R, Frantz K, Walker JW, Feinberg A, **Edwards S**, Self DW. Long-term changes in nucleus accumbens gene expression following chronic cocaine self-administration. *Society for Neuroscience Abstracts*, 32, 2002.
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- Mandyam CD, Kim A, Zamora-Martinez ER, **Edwards S**. Morphological reorganization of rat hippocampal neurons in alcohol dependence. Program No. 705.14. 2013 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2013. Online.
- Kallupi M, **Edwards S**, Wee S, Whitfield Jr. TW, Oleata CS, Luu G, Schmeichel BE, Koob GF, Roberto M. Kappa opioid receptor-mediated dysregulation of GABAergic transmission in the central amygdala in cocaine addiction. Program No. 820.16. 2013 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2013. Online.
- Kim A, Zamora-Martinez ER, **Edwards S**, Mandyam CD. Morphological reorganization of rat hippocampal neurons in alcohol dependence. Alcoholism-Clinical and Experimental Research 37 (2013) 189A.
- Vendruscolo LF, Macshane LG, Zamora-Martinez ER, Schlosburg JE, Belanoff JK, Hunt HJ, Sanna PP, Koob GF, **Edwards S**. Glucocorticoid receptor dysregulation in alcohol dependence. Alcoholism-Clinical and Experimental Research 38 (2014) 335A.
- Edwards S**. Excessive alcohol drinking in the context of sensitized stress signaling. Program No. S47. Volterra Alcoholism and Stress Conference Abstracts. Alcohol 48 (2014) 159-178.
- Edwards S**, Zamora-Martinez ER, Schlosburg JE, Logrip ML, Koob GF, Vendruscolo LF. Functional recruitment of central amygdala glucocorticoid receptor signaling in alcohol-dependent rats. Program No. S11. Volterra Alcoholism and Stress Conference Abstracts. Alcohol 48 (2014) 159-178.
- Vendruscolo LF, Macshane LG, Schlosburg JE, Buck CL, Malavar JC, Belanoff JK, Hunt HJ, **Edwards S**, Koob GF. Selective glucocorticoid receptor (GR) antagonism blocks compulsive alcohol drinking in rats. Volterra Alcoholism and Stress Conference Abstracts. Alcohol 48 (2014) 159-178.

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- McGinn MA, Farooq MA, Reppel JE, Gilpin NW, **Edwards S**. Tolerance to alcohol-stimulated GluR1 phosphorylation in the amygdala in the context of nicotine dependence. *American College of Neuropsychopharmacology Meeting (2015)*.
- Whitaker AM, Farooq MA, **Edwards S**, Gilpin NW. Post-traumatic stress avoidance is attenuated by corticosterone and associated with brain levels of steroid receptor co-activator-1 in rats. *American College of Neuropsychopharmacology Meeting (2015)*.
- McGinn MA, Farooq M, Edwards KN, Gilpin NW, **Edwards S**. Tolerance to alcohol-stimulated GluR1 phosphorylation in the amygdala in the context of nicotine dependence. Alcoholism-Clinical and Experimental Research 39 (2015) 123A.
- Mayeux JP, **Edwards S**, Gilpin NW, Molina PE. Traumatic brain injury to the prefrontal cortex (PFC) transiently increases alcohol self-administration. Alcoholism-Clinical and Experimental Research 39 (2015) 58A.
- Mayeux J, Gilpin N, **Edwards S**, Molina P. Mild traumatic brain injury increases alcohol drinking: A potential mechanistic role for brain stress systems. *Research Society on Alcoholism Meeting (2016)*.
- Pahng AR, Farooq MA, Edwards KN, **Edwards S**. Neuroadaptations associated with excessive alcohol seeking-behavior in dependent rats. *Research Society on Alcoholism Meeting (2016)*.
- McGinn MA, Whitaker AM, Itoga CA, Farooq MA, Paulsen RI, Reppel JE, Gilpin NW, **Edwards S**. Region-specific tolerance to alcohol-stimulated glutamate receptor phosphorylation in the context of nicotine dependence. *Research Society on Alcoholism Meeting (2016)*.
- Middleton JW, Simon L, Maxi J, Schumacher J, **Edwards S**, Birke L, Molina P. Physiological synaptic changes in the caudate nucleus of acute alcohol-administered SIV-infected macaques. *Research Society on Alcoholism Meeting (2016)*.
- Molina PE, Mayeux JP, **Edwards S**, Gilpin NW, Middleton J. Neuroimmunopathological consequences of TBI; Implications for escalation in alcohol drinking. *Research Society on Alcoholism Meeting (2016)*.
- McGinn MA, Itoga CA, Paulsen RI, Reppel JE, Farooq MA, Gilpin NW, **Edwards S**. Tolerance to alcohol-stimulated glutamate channel phosphorylation in the central amygdala and prefrontal cortex after chronic nicotine exposure. *Experimental Biology Meeting (2016)*.
- Towne BV, LeBlanc DM, Paul JA, Gupta K, **Edwards S**. Reduced glutamate channel phosphorylation in pain-related brain areas in a transgenic model of sickle cell disease. *Experimental Biology Meeting (2016)*.
- Byerley LO, Reppel JE, Pahng AR, **Edwards S**. Omega-3 dietary fatty acids improve spatial learning and memory but do not alter the escalation of alcohol drinking. *Experimental Biology Meeting (2016)*.

- Mayeux JP, Katz P, Edwards S, Middleton J, Molina P. Inhibition of endocannabinoid degradation improves recovery of neurobehavioral function and resolution of neuroinflammation and synaptic hyperexcitability in a rodent model of traumatic brain injury. *Experimental Biology Meeting (2016)*.
- Itoga CA, McGinn MA, Paulsen RI, Reppel JE, Farooq MA, Gilpin NW, **Edwards S**. Tolerance to alcohol-stimulated glutamate channel phosphorylation in the central amygdala and prefrontal cortex after chronic nicotine exposure. *Gordon Research Conference: Alcohol & the Nervous System (2016)*.
- McGinn MA, Pahng AR, Edwards KN, **Edwards S**. Neuroadaptations in cingulate cortex glucocorticoid signaling in alcohol dependence. *Research Society on Alcoholism Meeting (2017)*.
- Pahng AR, Farooq MA, Edwards KN, **Edwards S**. Impaired spatial memory and dysregulation of hippocampal JNK signaling in alcohol dependence. *Research Society on Alcoholism Meeting (2017)*.
- Francis M, Sayde P, Blackwelder C, Stiepler Z, Mayeux J, Gilpin N, **Edwards S**, Molina P. Post-TBI alcohol consumption reduces memory-related hippocampal transcription factor expression. *Research Society on Alcoholism Meeting (2017)*.
- Pahng AR, Paulsen RI, Farooq MA, Edwards KN, **Edwards S**. Dysregulation of hippocampal and frontocortical JNK signaling in alcohol dependence. *Volterra Alcoholism and Stress Conference Abstracts (2017)*.
- McGinn MA, Pahng AR, Edwards KN, **Edwards S**. Neuroadaptations in cingulate cortex glucocorticoid signaling in alcohol dependence. *Volterra Alcoholism and Stress Conference Abstracts (2017)*.
- Blackwelder CG, Stielper Z, Sayde P, Mayeux J, Gilpin NW, **Edwards S**, Molina PE. Ceftriaxone attenuates alcohol-drinking and anxiety-like behavior following mild traumatic brain injury in rats. *IBIA Abstract (2017)*.
- Stielper ZF, Mayeux JP, **Edwards S**, Gilpin NW, Molina PE. Post-traumatic brain injury (TBI) cannabinoid receptor expression downregulation in basolateral amygdala of alcohol-drinking rats. *IBIA Abstract (2017)*.
- Jones A, Pahng A, **Edwards S**. Dysregulation of Hippocampal and Dorsomedial Prefrontal JNK Phosphorylation in Alcohol Dependence is not Mediated by SEK1/MKK4 Activation. *Annual Biomedical Research Conference for Minority Students Abstract (2017)*.
- McGinn MA, **Edwards S**. Glucocorticoid Receptor-Dependent Gene Expression in the Central Amygdala of Alcohol-Dependent Animals. *Experimental Biology Meeting (2018)*.
- AR Pahng, RI Paulsen, MA McGinn, ME Schindler, KN Edwards, **S Edwards**. Neurobiological Correlates of Pain Avoidance Behavior in Opioid vs. Alcohol Dependence. *Experimental Biology Meeting (2018)*.

Edwards S, Yeh AY, Molina PE, Simon L. Animal model of combined alcoholic neuropathy and complex regional pain syndrome: additive effects on hyperalgesia in female rats. *Research Society on Alcoholism Meeting (2018)*.

Edwards S, Levitzky E, Molina PE, Gunaldo TP. Interprofessional education (IPE) to equip healthcare professional students for future team-based alcohol use disorder treatment. *Research Society on Alcoholism Meeting (2018)*.

Wills TA, Middleton JW, Carzoli KL, Simon L, Molina PE, **Edwards S**. Impaired novel object recognition and altered neuronal excitability in chronic binge alcohol-administered, SIV-infected female rhesus macaques. *Research Society on Alcoholism Meeting (2018)*.

Edwards S, Maxi JK, Wills TA, Middleton JW, Carzoli KL, Simon L, Molina PE. Neuropathological mechanisms of alcohol, SIV, and antiretroviral therapy: Enhanced susceptibility of the frontal cortex in rhesus macaques. *AIDS 2018 Meeting (2018)*.

Research Review Committees:

2014	Medical Research Council (UK) Grant Reviewer
2014-Present	NIH CSR Early Career Reviewer Program
2015	NIAAA Study Section ZAA1 DD (54) Special Emphasis Panel, Ad hoc NIAAA Study Section ZAA1 DD (04) Special Emphasis Panel, Ad hoc
2016	NIAAA Study Section ZAA1 JJ (01) Special Emphasis Panel, Ad hoc NIAAA Study Section ZAA1 DD (04) Special Emphasis Panel, Ad hoc
2016	RCMI/BUILD/LCRC External Reviewer (Xavier University of Louisiana)
2017	Fund for Scientific Research-FNRS (Belgium) Grant Reviewer NIAAA Study Section ZAA1 JJ (01) Special Emphasis Panel, Ad hoc CSR PMDA (Pathophysiological Basis of Mental Disorders and Addictions)

Scientific Presentations:

Local/State Presentations

October 26, 2001
The University of Texas at Dallas, School of Behavioral and Brain Sciences
Regulation of Addictive Behavior by Dopamine Signaling
Host: Dr. Tres Thompson, UT-Dallas

February 4, 2014
LSUHSC-New Orleans, Department of Pharmacology Seminar Series
Neurobiological Changes Associated with Dysregulated Motivational Systems in Drug Addiction

May 20, 2014

LSUHSC-New Orleans, Department of Physiology Seminar Series

Dysregulation of Glucocorticoid Receptor Signaling in Alcohol Dependence

May 23, 2014

LSUHSC-New Orleans, Alcohol and Drug Abuse Center of Excellence Retreat

Dysregulation of Glucocorticoid Receptor Signaling in Alcohol Dependence

September 2, 2014

LSUHSC-Shreveport, Department of Pharmacology, Toxicology, and Neuroscience

The Neurobiology of Dysregulated Motivational Systems in Drug Addiction

Host: Dr. Nicholas Goeders, LSUHSC-Shreveport

September 8, 2014

The University of New Orleans, Department of Biological Sciences

The Neurobiology of Dysregulated Motivational Systems in Drug Addiction

Host: Dr. Zhengchang Liu, UNO

May 22, 2015

LSUHSC-New Orleans, Alcohol and Drug Abuse Center of Excellence Retreat

Combinations of Levomepromazine and Morphine for Analgesia in Recovered Addicts

June 3, 2015

LSUHSC-New Orleans, Department of Physiology Seminar Series

Glur1 Subunit Phosphorylation as Marker and Mediator of Drug Addiction

September 14, 2015

LSU Health New Orleans, Department of Cell Biology & Anatomy Seminar Series

Dysregulation of Glucocorticoid Receptor Signaling in Alcohol Dependence

November 9, 2015

LSU Health New Orleans, Neuroscience Center of Excellence Seminar Series

Dysregulation of Glucocorticoid Receptor Signaling in Alcohol Dependence

February 11, 2016

LSU Health New Orleans, Department of Physiology Seminar Series

Neurobiological Tolerance to Alcohol in the Nicotine-Dependent State

June 25, 2016

LSU Health New Orleans, Alcohol Abuse Comorbidities & Triggers for Addiction

Satellite Symposium to the 2016 Research Society on Alcoholism Meeting

Pain in the Context of Drug and Alcohol Addiction

May 18, 2017

LSU Health New Orleans, Department of Physiology Seminar Series

Central Neuropharmacological Mechanisms of Pain & Alcohol Dependence

November 1, 2017

Tulane University, Neuroscience Program

Pain in the Context of Drug and Alcohol Addiction

December 11, 2017

LSU Health New Orleans, Neuroscience Center of Excellence Seminar Series
Pain in the Context of Drug and Alcohol Addiction

December 13, 2017

LSUHSC-New Orleans, Alcohol and Drug Abuse Center of Excellence Retreat
Neurobiology of Pain and Negative Reinforcement in Opioid Use Disorder

National Presentations

January 30, 2009

The University of Arizona at Tucson, Department of Pharmacology

The Dark Side of Drug Addiction

Host: Dr. Frank Porreca, University of Arizona-Tucson

June 23, 2009

Research Society on Alcoholism Annual Meeting, San Diego, CA

V1b Vasopressin Receptor Antagonism Reduces Ethanol Drinking in Ethanol-Dependent Animals

Symposium Organizer: Dr. Todd Thiele, UNC-Chapel Hill

August 24, 2011

National Hispanic Science Network on Drug Abuse Meeting, Miami, FL

Pain as a Negative Motivational State Underlying Drug Addiction

Symposium Title: Negative Motivational States and Addiction

Symposium Organizer: Dr. Nicholas Gilpin, LSUHSC-New Orleans

December 16, 2011

UC-Santa Barbara, Department of Psychological and Brain Sciences

Pain as a Negative Motivational State Underlying Drug Addiction

Host: Dr. Karen Szumlinski, UC-Santa Barbara

January 3, 2013

Medical College of Wisconsin, Neuroscience Research Center

Neurobiological Changes Associated with Dysregulated Motivational Systems in Drug Addiction

Host: Dr. Cecilia J. Hillard, MCW

January 15, 2013

University of Washington, Department of Psychology

Neurobiological Changes Associated with Dysregulated Motivational Systems in Drug Addiction

Host: Dr. Jeansok Kim, UW

January 31, 2013

Winter Conference on Brain Research, Breckenridge, CO

Intersection of Pain and Negative Affect: Potential Role in Alcoholism

Symposium Title: Evidence for Perturbation of Reward Circuitry by Pain and Affective Disorders

Symposium Organizer: Dr. Catherine Cahill, UC-Irvine

February 28, 2013

University of Alabama-Birmingham, Department of Psychology

Neurobiological Changes Associated with Dysregulated Motivational Systems in Drug Addiction

Host: Dr. Franklin Amthor, UAB

March 6, 2013

Louisiana State University Health Sciences Center, Department of Physiology
Neurobiological Changes Associated with Dysregulated Motivational Systems in Drug Addiction
Host: Dr. Patricia E. Molina, LSUHSC-NO

March 12, 2014

Fifteenth International Winter Eicosanoid Conference
Eicosanoids and Alcohol Dependence
Symposium Title: Eicosanoids and Pain
Symposium Organizer: Dr. Bruce Hammock, UC-Davis

March 28, 2014

Twentieth Annual Society on Neuroimmune Pharmacology Meeting
Reduction of Excessive Drinking in Alcohol-Dependent Rats via Soluble Epoxide Hydrolase Inhibition
Symposium Title: Inflammation: At the Core of Substance Abuse-Disease Spectrum Interaction
Symposium Organizer: Dr. Patricia E. Molina, LSUHSC-New Orleans

September 1, 2015

Texas Tech University HSC Translational Neuroscience and Pharmacology Lecture Series
Dysregulation of Glucocorticoid Receptor Signaling in Alcohol Dependence
Host: Dr. Volker Neugebauer, TTUHSC

April 19, 2016

Mt. Sinai School of Medicine, Department of Pharmacology & Systems Therapeutics
Glucocorticoid Receptor Signaling in Alcoholism
Host: Dr. Ming-Hu Han

January 31, 2017

Winter Conference on Brain Research, Big Sky, MT
Neurobiology of Pain and Negative Reinforcement in Opioid Use Disorder
Symposium Title: The Opioid Epidemic: Moguls, Models and Molecules
Symposium Organizer: Dr. Amy Newman, NIH/NIDA

May 18, 2017

American Pain Society Meeting, Pittsburg, PA
Convergence of Central Pain and Stress Signaling in Addiction
Symposium Title: Neurobiological Mechanisms Mediating the Interaction of Chronic Pain and Alcohol Abuse
Symposium Organizer: Dr. Scott Edwards, LSUHSC-New Orleans

April 2018

Experimental Biology Meeting
Symposium Title: Intersection of Central Pain and Reward Circuitry in CNS Disorders
Symposium Organizer: Dr. Scott Edwards, LSUHSC-New Orleans

June 2018

Research Society on Alcoholism Meeting
Symposium Title: Comorbidities Promoting Excessive Alcohol Drinking
Symposium Organizer: Dr. Elizabeth Fucich & Dr. Amanda Pahng, LSUHSC-New Orleans

International Presentations

May 6, 2011

Second International Congress on Alcoholism and Stress, Volterra (Pisa), Italy
Development of Allodynia during Ethanol Dependence in Rats and Mice
Symposium Title: Alcohol Gets on my Nerves
Symposium Organizer: Dr. Robert Messing, UC-San Francisco

May 6, 2014

Third International Congress on Alcoholism and Stress, Volterra (Pisa), Italy
Functional Recruitment of Central Amygdala Glucocorticoid Receptor Signaling in Alcohol-Dependent Rats
Symposium Title: Central vs. Systemic Stress Systems in Alcohol Dependence
Symposium Organizer: Dr. Scott Edwards, LSUHSC-New Orleans

May 8, 2014

Third International Congress on Alcoholism and Stress, Volterra (Pisa), Italy
Excessive Alcohol Drinking in the Context of Stress Sensitization
Symposium Title: Young Investigator Award Symposium
Symposium Organizers: Dr. Antonio Noronha, NIAAA and Dr. Fulton Crews, UNC-Chapel Hill

May 9, 2017

Fourth International Congress on Alcoholism and Stress, Volterra (Pisa), Italy
Convergence of Central Pain and Stress Signaling in Alcohol Dependence
Symposium Title: Chronic Pain and Alcohol Dependence
Symposium Organizer: Dr. Igor Spigelman, UCLA

Editorial Posts and Activities:

Editorial Board

2014-2018	Editorial Board, <i>Pharmacology, Biochemistry, and Behavior</i>
2016-2017	Guest Editor, <i>Addiction</i> Issue, <i>Current Opinion in Behavioral Sciences</i>
2017-Present	Editorial Board, <i>Frontiers in Psychiatry</i>
2018-Present	Section Editor, <i>Pharmacology, Biochemistry, and Behavior</i>

Reviewer

2007-Present	<i>Pharmacology, Biochemistry, and Behavior</i>
2009-Present	<i>Neuropharmacology; Neuroscience Letters</i>
2012-Present	<i>PLoS ONE</i>
2013-Present	<i>Pain Research & Management; Behavioural Processes; Frontiers in Psychiatry; Frontiers in Integrative Neuroscience</i>
2014-Present	<i>Neuroreport; Addiction Biology; Behavioral Brain Research; Neuroscience and Biobehavioral Reviews</i>
2015-Present	<i>Journal of Neurophysiology; Neuropeptides; Stress</i>
2016-Present	<i>Neuroscience; Alcoholism: Clinical & Experimental Research; Pain</i>
2017-Present	<i>Journal of Pain Research; Psychopharmacology; Biological Psychiatry; Brain, Behavior, and Immunity</i>
2018-Present	<i>Molecular Psychiatry</i>

SERVICE ACTIVITIES

University/Institutional Service:

2009-2013	The Scripps Research Institute (TSRI) Council of Scientific Editors
2012-2013	TSRI Society of Fellows Travel Award Selection Committee
2013-Present	LSUHSC Graduate Research Day Judge
2014-Present	LSUHSC Medical Student Research Day Judge
2014	LSUHSC Perspectives in Alcohol Research (PAR) Course Facilitator
2014-Present	LSUHSC Department of Physiology Works-in-Progress Facilitator
2014-Present	LSUHSC Graduate Advisory Council
2013-Present	Faculty Research Development Committee (Dr. Nicholas W. Gilpin)
2014-Present	Faculty Research Development Committee (Dr. Stefany D. Primeaux)
2014-Present	Department of Physiology Faculty Search Committee (Chair, 2016-Present)
2015-Present	Department of Physiology Graduate Program Coordinator
2016-Present	Department of Physiology Postdoc Development Committee
2016-Present	LSUHSC School of Medicine Internal Funding Review Panel
2017-Present	LSUHSC NIAAA T35 Internal Advisory Committee
2018-Present	LSUHSC Classroom Response Subcommittee
2018-Present	Chair, Graduate Studies Recruitment Committee

Community Service Activities:

2014-Present	Greater New Orleans Science and Engineering Fair (GNOSEF) Judge
2016-Present	Board of Directors, GNOSEF
2017-Present	Scientific Advisory Board, Halyard Health