

Katherine M. Serafine

Department of Psychology
The University of Texas at El Paso
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EDUCATION

- 2012 Ph.D.** **Behavior, Cognition, and Neuroscience,**
American University, Washington, DC
- 2009 M.A.** **Biological/Experimental Psychology,**
American University, Washington, DC
- 2005 B.A.** **Psychology,**
Norwich University, Northfield, VT

PROFESSIONAL APPOINTMENTS

- 2015 – present** **Assistant Professor, The University of Texas at El Paso**
(UTEP) Department of Psychology,
500 W. University Ave, El Paso, TX 79968
- 2012-2015** **Postdoctoral Fellow, The University of Texas Health Science Center**
(UTHSCSA) Department of Pharmacology,
7703 Floyd Curl Drive, San Antonio, TX 78229
- 2006-2012** **Graduate Student Research Assistant, American University**
Psychopharmacology Lab, Department of Psychology,
4400 Massachusetts Ave NW, Washington, DC 20016
- 2011** **Summer Research Fellow, National Institute on Drug Abuse**
Minority Research Training Program
Molecular Neurobiology Branch, Triad Building, Suite 3610,
333 Cassell Drive, Baltimore, MD 21224
- 2009-2010** **Research Assistant, Uniformed Services University of the Health**
Sciences, Department of Medical and Clinical Psychology,
4301 Jones Bridge Road, Bethesda, MD 20814-4799
- 2002-2005** **Undergraduate Research Assistant, Norwich University**
Department of Psychology,
158 Harmon Drive, Northfield, VT 05663

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PEER-REVIEWED PUBLICATIONS

*indicates student/trainee author

1. *Cruz B, *Flores RJ, *Uribe KP, *Espinosa EJ, Spencer CT, **Serafine KM**, Nazarian A, O'Dell LE. (in press) Insulin modulates the strong reinforcing effects of nicotine and changes in insulin biomarkers in a rodent model of diabetes. *Int J Neuropsychopharmacol*, epub ahead of print.
2. *Hernandez-Casner C, *Woloshchuk CJ, *Poisson C, *Hussain S, *Ramos J, **Serafine KM**. (2018) Dietary supplementation with fish oil reverses high fat diet-induced enhanced sensitivity to the behavioral effects of quinpirole. *Behav Pharmacol*, epub ahead of print. [Available here](#).
3. *Ramos J, *Hernandez-Casner C, *Cruz B, **Serafine KM**. (2017) Sex differences in high fat diet-induced impairments to striatal Akt signaling and enhanced sensitivity to the behavioral effects of dopamine D₂/D₃ receptor agonist quinpirole. *Physiology & Behavior*, pii: S0032-9384(17)30406-7. [PMID: 29154786](#)
4. *Hernandez Casner, C, *Ramos J, **Serafine KM**. (2017) Dietary supplementation with fish oil prevents high fat diet-induced enhancement of sensitivity to the behavioral effects of quinpirole. *Behav Pharmacol* 28(6): 477-484. [PMID: 28574870](#)
5. **Serafine KM**, Rice KC, France CP. (2016) Characterization of the discriminative stimulus effects of lorcaserin in rats. *J Exp Anal Behav*, 106(2): 107-116. [PMID: 27640338](#)
6. **Serafine KM**, *Labay C, France CP. (2016) Dietary supplementation with fish oil prevents high fat diet-induced enhancement of sensitivity to the locomotor stimulating effects of cocaine in adolescent female rats. *Drug Alcohol Depend*, 165:45-52. [PMID: 27242289](#)
7. **Serafine KM**, Rice KC, France CP. (2015) Directly observable behavioral effects of lorcaserin in rats. *J Pharmacol Exp Ther*, 355: 381-385. [PMID: 26384326](#)
8. **Serafine KM**, *Bentley TA, *Kilborn DJ, Koek W, France CP. (2015) Drinking sucrose or saccharin enhances sensitivity of rats to quinpirole-induced yawning. *Eur J Pharmacol*, 764: 529-536. [PMID: 26189020](#)
9. **Serafine KM**, *Bentley TA, Koek W, France CP. (2014) Eating high fat chow, but not drinking sucrose or saccharin, enhances the development of sensitization to the locomotor effects of cocaine in adolescent female rats. *Behav Pharmacol*, 26: 321-325. [PMID: 25485647](#)
10. **Serafine KM**, *Bentley TA, *Grenier AE, France CP. (2014) Eating high fat chow and the behavioral effects of direct- and indirect-acting dopamine receptor agonists in female rats. *Behav Pharmacol*, 25:287-295. [PMID: 24949571](#)
11. **Serafine KM**, France CP. (2014) Restricted access to standard or high fat chow alters sensitivity of rats to the 5-HT_{2A/2C} receptor agonist 1-(2,5-dimethoxy-4-methylphenyl)-2-aminopropane (DOM). *Behav Pharmacol*, 25:44-52. [PMID: 24346289](#)
12. *Briscione MA, **Serafine KM**, *Merluzzi AM, Rice KC, Riley AL. (2013) The effects of 5-HT₃ antagonism on cocaine-induced conditioned taste aversions. *Pharmacol Biochem Behav*, 105: 112–117. [PMID: 23415734](#)

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13. **Serafine KM**, *Briscione MA, Rice KC, Riley AL. (2012) Dopamine mediates cocaine-induced conditioned taste aversions as demonstrated with cross-drug preexposure to GBR 12909. *Pharmacol Biochem Behav*, 102: 269-274. [PMID: 22579912](#)
14. **Serafine KM**, *Briscione MA, Riley AL. (2012) The effects of haloperidol on cocaine-induced conditioned taste aversions. *Physiol Behav*, 105: 1161-1167. [PMID: 22212241](#)
15. **Serafine KM**, Riley AL. (2010) Preexposure to cocaine attenuates aversions induced by both cocaine and fluoxetine: Implications for the basis of cocaine-induced conditioned taste aversions. *Pharmacol Biochem Behav*, 95: 230-234. [PMID: 20122955](#)
16. **Serafine KM**, Riley AL. (2009) Possible role of norepinephrine in cocaine-induced conditioned taste aversions. *Pharmacol Biochem Behav*, 92: 111-116. [PMID: 19027784](#)
17. Roma PG, Rinker JA, **Serafine KM**, Chen SA, Barr CS, Cheng K, Rice KC, Riley AL. (2008) Genetic and early environmental contributions to alcohol's aversive and physiological effects. *Pharmacol Biochem Behav*, 91: 134-139. [PMID: 18639579](#)

EDITED BOOK CHAPTERS

Serafine KM, Riley AL. Cocaine-induced conditioned taste aversions: Role of monoamine reuptake inhibition. In Hall, FS. ed. 2013 *Serotonin: Biosynthesis, Regulation and Health Implications*, Hauppauge, NY: NOVA Science Publishers, Inc. ISBN: 978-1-62417-636-4 [Available here.](#)

TEACHING EXPERIENCE

2015- present	Assistant Professor , The University of Texas at El Paso Department of Psychology, El Paso, TX Graduate Courses: Psychopharmacology Neuroscience Seminar Undergraduate Courses: Introduction to Psychology Introductory Neuroscience Drugs of Abuse and Behavior
2014	Group Lead – Addiction Journal Club , UTHSCSA, Department of Pharmacology, San Antonio, TX Topic: Theories of Addiction
2011	Adjunct Faculty , George Washington University Department of Psychology, Washington, DC Undergraduate Course: General Psychology
2009-2011	Adjunct Faculty , American University Department of Psychology, Washington, DC Undergraduate Courses: Psychology as a Natural Science Drugs and Behavior

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FUNDING

Pending Research Support

2019-2020 R03 DA049203: Sex differences in the discriminative stimulus effects of lorcaserin: a potential therapeutic for substance use disorder; Serafine (PI)
Description: The goal of this project is to optimize the investigation of sex differences in the discriminative stimulus effects of lorcaserin, a potential therapeutic for substance use disorder.
Application pending IRG review.
Role: Principal Investigator

Completed Research Support

2016-2018 Rising Faculty Science and Technology Acquisition and Retention (STARs) Program Grant
Description: Research funds for startup and for recruiting new faculty from The University of Texas Systems
Role: Principle Investigator

MENTORING EXPERIENCE

2018 **Madeline Elsey**, High School student research assistant, The University of Texas at El Paso, (UTEP), El Paso, TX

2018 **Arantxa Martinez**, Undergraduate research assistant, UTEP, El Paso, TX

2018 **Hunter Franks**, Summer Mentoring & Research Training: Methods in the Neuroscience of Drug-abuse (SMARTMIND) Scholar, UTEP, El Paso, TX

2018 **Adam Avila**, SMARTMIND scholar, UTEP, El Paso, TX

2018-present **Jose Echeverri**, UTEP, El Paso, TX

2017-present **Kayla Galindo**, Graduate student, UTEP, El Paso, TX

2017-present **Ethan Hardin**, NIH BUILD summer student, UTEP, El Paso, TX

2017-present **Paloma Serna**, NIH BUILD summer student, UTEP, El Paso, TX

2017-2018 **Grace Flores-Robles**, NIH BUILD summer student, UTEP, El Paso, TX

2017-present **Nina Beltran**, NIH RISE scholar, El Paso, TX

2017 **Adrian Gonzales**, SMARTMIND Scholar, UTEP, El Paso, TX

2016-2017 **Edith Hernandez**, Undergraduate research assistant, UTEP, El Paso, TX

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2016-2017	Ivan Herrejon , Undergraduate research assistant, UTEP, El Paso, TX
2016-2017	Samirah Hussain , Graduate student, UTEP, El Paso, TX
2016	Adriana Rico , Undergraduate research assistant, UTEP, El Paso, TX
2016	Claudia Woloshchuk , SMARTMIND scholar, UTEP, El Paso, TX
2016	Carli Poisson , SMARTMIND scholar, UTEP, El Paso, TX
2016	Alicia Lopez , Undergraduate research assistant, UTEP, El Paso, TX
2015-2018	Caroline Hernandez-Casner , NIH BUILD scholar, UTEP, El Paso, TX
2015-present	Jeremiah Ramos , Graduate student, UTEP, El Paso, TX
2015	Sarah Rodarte , NIH BUILD scholar, UTEP, El Paso, TX
2015	Caitlin Labay , American Society for Pharmacology and Experimental Therapeutics (ASPET) Summer undergraduate research fellow, The University of Texas Health Science Center at San Antonio (UTHSCSA), San Antonio, TX
2014	Ghazal Saleh , Health Careers High School student, UTHSCSA, San Antonio, TX
2013-2014	Dylan Kilborn , Health Careers High School student, UTHSCSA, San Antonio, TX
2012-2013	Todd Bentley , Health Careers High School student, UTHSCSA, San Antonio, TX
2012	Amandine Grenier , Undergraduate Summer student, UTHSCSA, San Antonio, TX
2011-2012	Andrew Merluzzi , Undergraduate research assistant, American University, Washington, DC
2010-2012	Maria Briscione , Undergraduate research assistant, American University, Washington, DC

RECENT AWARDS AND HONORS

2018	Department of Psychology Nominee for the University of Texas (UT) Systems Regents' Outstanding Teaching Award, UTEP
2018	Diversity Scholars Network , National Institute on Drug Abuse (NIDA), program for underrepresented minority junior faculty

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- 2018** **Nominee**, Young Psychopharmacologist Award, American Psychological Association Division 28: Psychopharmacology and Substance Abuse
- 2017** **College of Liberal Arts Nominee** for the UT Systems Regents' Outstanding Teaching Award, UTEP
- 2017** **Department of Psychology Nominee** for the UT Systems Regents' Outstanding Teaching Award, UTEP
- 2017** **Travel Award**, NIH BUILDing Scholars, to present at the annual meeting of the American Society for Pharmacology and Experimental Therapeutics (ASPET) in Chicago, IL.
- 2016** **Travel Award**, National Institute on Drug Abuse (NIDA) Women & Sex/Gender Differences, to present at the annual meeting of the College on Problems of Drug Dependence (CPDD) in Palm Springs, CA
- 2016** **Travel Fellowship**. Winter Conference on Brain Research to present and co-chair a panel at the annual meeting in Breckenridge, CO
- 2015** **Mentoring Institute for Neuroscience Diversity (MIND) Scholar**, Early career faculty mentoring program for underrepresented minorities, supported by R25, NS076414 at University of Florida
- 2015** **ASPET Washington Fellow**, science policy/advocacy program
- 2013-2015** Ruth L. Kirschstein **National Research Service Award** (NRSA, T32 DA031113), Postdoctoral Training Fellowship in Drug Abuse Research: Behavior and Neurobiology

STUDENT/TRAINEE AWARDS

- 2019** **Kayla Galindo – UTEP Dodson Travel Award**, funds provided to defray travel to the annual meeting of Experimental Biology in Orlando, FL
- 2018** **Paloma Serna – NIH BUILD summer scholarship**, selected to participate in an NIH-funded summer research program at UTEP.
- 2018** **Ethan Hardin – NIH BUILD summer scholarship**, selected to participate in an NIH-funded summer research program at UTEP.
- 2018** **Nina Beltran – NIH RISE scholarship**, selected to participate in an NIH-funded research program at UTEP through junior and senior year.
- 2018** **Caroline Hernandez-Casner – ASPET, Behavioral Pharmacology Division, 1st Place Undergraduate Poster Award**
- 2018** **Caroline Hernandez-Casner - Travel Award**, ASPET, to attend Experimental Biology meeting in San Diego, CA.

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- 2018** **Kayla Galindo – Travel Award**, Federation of American Societies for Experimental Biology (FASEB), to attend the Experimental Biology meeting in San Diego, CA.
- 2018** **Jeremiah Ramos - Travel Award**, ASPET, to attend the Experimental Biology meeting in San Diego, CA.
- 2017** **Adrian Gonzalez – SMARTMINDs summer research fellowship**, selected to participate in an NIH-funded summer research program at UTEP.
- 2017** **Caroline Hernandez-Casner**, UTEP Campus Office of Undergraduate Research Initiatives (COURI) symposium, Life Sciences Division, 1st Place **Poster Award**
- 2017** **Caroline Hernandez-Casner - Travel Award**, ASPET, to attend the Experimental Biology meeting in Chicago, IL.
- 2016** **Carli Poisson**, UTEP COURI symposium, Physics and Natural Sciences Division, 1st Place **Poster Award**
- 2016** **Caroline Hernandez-Casner – NIH BUILD scholarship**, selected to participate for junior and senior year in an NIH-funded research program at UTEP.
- 2016** **Caitlin Labay - ASPET**, Behavioral Pharmacology Division Best Abstract, 1st Place Undergraduate **Poster Award**
- 2016** **Jeremiah Ramos- Travel Award**, ASPET, to attend Experimental Biology meeting in San Diego, CA
- 2016** **Caitlin Labay- Travel Award**, ASPET, to attend Experimental Biology meeting in San Diego, CA
- 2013** **Maria Briscione – ASPET**, Behavioral Pharmacology Division Best Abstract, 2nd Place Undergraduate **Poster Award**

RECENT INVITED TALKS / ORAL PRESENTATIONS (2015-2018)

*indicates student/trainee author

1. **Serafine KM** (2018) *Using “good fats to combat the effects of “bad fats” on drug sensitivity.* Invited seminar speaker, School of Life Sciences, Arizona State University, Tempe, AZ.
2. **Serafine KM** (2018) *Omega-3 fatty acids prevent and reverse high fat diet-induced enhanced sensitivity to dopaminergic drugs.* Invited seminar speaker, Department of Psychology, California State University Long Beach, Long Beach, CA.

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3. **Serafine KM** (2018) *Fighting fat with fat: Dietary supplementation with omega-3 fatty acids prevents and reverses high fat diet-induced enhanced sensitivity to the behavioral effects of dopaminergic drugs*. Invited speaker at the annual meeting of the American Society for Pharmacology and Experimental Therapeutics (ASPET) at Experimental Biology, San Diego, CA.
4. **Serafine KM** (2016) *Dopamine system dysfunction: A common feature of drug abuse and metabolic disease*. Invited speaker at the College of Health Sciences Healthy Exchange Lecture Series, The University of Texas at El Paso, El Paso, TX.
5. **Serafine KM** (2016) *High fat diet-induced dopamine system dysfunction: Implications for obesity and metabolic diseases*. Invited speaker at the San Antonio Life Sciences Institute Neuroscience Symposium: Translational Immunology, held at the University of Texas at San Antonio, San Antonio, TX.
6. **Serafine KM**, *Hernandez-Casner C, and *Ramos J. (2016) *Sex differences in high fat diet-induced enhancement of sensitivity to the behavioral effects of the dopamine D₂/D₃ receptor agonist quinpirole in adolescent rats*. Oral communication presented at the annual meeting of the College on Problems of Drug Dependence, Palm Springs, CA.
7. **Serafine KM**. (2016) *Dietary impact on the behavioral effects of drugs*. Oral communication presented in a panel at the Winter Conference on Brain Research, Breckenridge, CO.
8. **Serafine KM**. (2015) *Diet, Dopamine, and Drug Abuse*. Invited seminar speaker, Department of Psychology, The University of Texas at El Paso, El Paso, TX.
9. **Serafine KM** and France CP. (2015) *Characterization of the behavioral effects of lorcaserin in rats*. Oral communication presented at the annual meeting of BBC, San Antonio, TX.

RECENT SERVICE

2018	Early Career Reviewer , Biobehavioral Regulation, Learning and Ethology Study Section, Special Emphasis Panel/Scientific Review Group, NIH Center for Scientific Review
2016- present	Faculty Advisor , Women Interested in STEM Education (WIISE) Student Organization, UTEP
2016- present	Member , Conference Programming Committee, Behavior, Biology and Chemistry: Translational Research in Addiction
2016- 2017	Member , Travel Awards Task Force, American Society for Pharmacology and Experimental Therapeutics (ASPET)
2016	Panel member , University of Texas at El Paso (UTEP) chapter of Psi Chi, Spring Recruitment Event
2016	Panel Co-Chair , Winter Conference on Brain Research, Breckenridge, CO
2015- present	Affiliated faculty , Border Biomedical Research Center, University of Texas at El Paso

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2015	Panel member , UTEP chapter of Psi Chi, Fall Recruitment Event
2015- present	Member , Graduate Programming Committee, Department of Psychology, UTEP
2015-2017	Member , Executive Committee, Behavioral Pharmacology Division, ASPET
2015-2018	Member , Committee on Mentoring and Career Development, ASPET
2015	Reviewer , Study Section, Translational Science Training (TL1) Program, University of Texas Health Science Center at San Antonio (UTHSCSA)

GRADUATE STUDENT DEFENSE COMMITTEES

University of Texas at El Paso

2018-2019	Dissertation Committee Chair for Jeremiah Ramos, Ph.D. Candidate: Dissertation title: Sex differences in high fat diet-induced enhanced sensitivity to the behavioral effects of dopaminergic drugs. Department of Psychology, The University of Texas at El Paso (UTEP), El Paso, TX.
2018	Thesis Committee Member for Bryan Cruz, Ph.D. Candidate: Thesis title: Examination of the role of insulin in modulating the reinforcing effects of nicotine in a rodent model of diabetes. Department of Psychology, UTEP, El Paso, TX.
2018	Dissertation Committee Member for Allyson Hughes, Ph.D. Candidate: Dissertation title: Seeking health information in the diabetes online community (DOC); The role of health literacy, social support and community interaction on treatment adherence. Department of Psychology, UTEP, El Paso, TX.
2017	Thesis Committee Member for Anahis Tena, Ph.D. Candidate: Thesis title: TBD. Department of Biological Sciences, UTEP, El Paso, TX.
2017	Thesis Committee Member for Jeremiah Ramos, Ph.D. Candidate: Thesis title: The impact of dopaminergic lesions on cognition: Insights into non-motor Parkinson's disease symptomology. Department of Psychology, UTEP, El Paso, TX.
2016-2017	Thesis Committee Member for Rodolfo Flores, Ph.D. Candidate: Thesis title: Beta-estradiol promotes the reinforcing effects of nicotine in female rats. Department of Psychology, UTEP, El Paso, TX.
2016-2017	Dissertation Committee Member for Mayra Gisel Flores-Montoya, Ph.D. Candidate, Dissertation title: A behavioral and neuroimmune system model of the effects of chronic low-level lead exposure in young male C57BL/6J mice. Department of Psychology, UTEP, El Paso, TX.

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2015-2016 **Dissertation Committee Member** for Joseph Pipkin, Ph.D. Candidate, Dissertation title: Examination of the mechanisms that promote nicotine reward in diabetic animals. Department of Psychology, UTEP, El Paso, TX.

External Committee Service

2017 **External Thesis Committee Member** for Katharine Nelson, M.A. Candidate: Thesis title: Assessment of the aversive and rewarding properties of the second generation “bath salt” α -pyrrolidineopentiophenone (α -PVP). Department of Psychology, American University, Washington, DC.

RECENT ADDITIONAL TRAINING/CERTIFICATION

2018 **Classroom Technologies: Friends, not foes** – professional development workshop through UTEP for incorporating advance technologies into classroom teaching, El Paso, TX.

2016 **Grantwriting workshop**- professional development workshop through the Mentoring Institute for Neuroscience Diversity (MIND) Scholarship program, supported by R25, NS076414 at University of Florida, held at the Society for Neuroscience 2016 annual meeting, San Diego, CA.

2016 **NIDA Grantwriting workshop** - workshop sponsored by the National Institute on Drug Abuse focused on obtaining NIH grant funding. Held at the 2016 annual meeting of the College on Problems of Drug Dependence, Palm Springs, CA.

2015 **JumpStart Your Research Career** – short course in grantsmanship through the Office of Sponsored Research and Programs, University of Texas at El Paso, El Paso, TX.

2015 **Managing a Research Lab** - professional development workshop through the Mentoring Institute for Neuroscience Diversity (MIND) Scholarship program, supported by R25, NS076414 at University of Florida, held at the Society for Neuroscience annual meeting, Chicago, IL.

2015 **Writing Research Papers with High Impact and Integrity** – weekend workshop through the Mentoring Institute for Neuroscience Diversity (MIND) Scholarship program, supported by R25, NS076414 at University of Florida, held in Denver, CO.

2015 **Optimizing the Practice of Mentoring** – on-line training course for higher education faculty to learn effective research mentoring techniques for trainees. Offered by the University of Minnesota, Minneapolis, MN, [available here](#).

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MEDIA

- 2015** **Meet the ASPET Washington Fellows**, website highlighting the 2015 ASPET science policy fellows. [Available here.](#)
- 2015** **Highlighted article**, publication highlighted in the December 2015 issue of the *Journal of Pharmacology and Experimental Therapeutics*. [Available here.](#)
- 2015** **El Faro interview**, quarterly newsletter, National Hispanic Science Network. [Available here.](#)
- 2014** **“Addiction problems and solutions to be focus of March 13 briefing”**, press conference, University of Texas Health Science Center at San Antonio. [Available here.](#)
- 2014** **“Scientists hunt for ways to fight addiction”**, San Antonio Express News Education article. [Available here.](#)
- 2012** **“March meeting covers translational research in addiction”**, press release, University of Texas Health Science Center at San Antonio. [Available here.](#)
- 2010** **Online Review** on CTAlerning.com (an online database for conditioned taste aversion research) of “Preexposure to the Unconditioned Stimulus in Nausea-Based Aversion Learning by Geoffrey Hall”. [Available here.](#)

AD HOC REVIEWER

Addiction Biology
Neuroscience Letters
Neurochemistry International
Pharmacology, Biochemistry, and Behavior
Physiology and Behavior
PLOS one
Scientific Reports
International Journal of Neuropsychopharmacology
Experimental and Clinical Psychopharmacology

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PROFESSIONAL SOCIETY MEMBERSHIPS

Member, American Association for the Advancement of Science

Member, American Psychological Association (APA): Division 28

Member, American Society for Pharmacology and Experimental Therapeutics

Member, Behavioral Pharmacology Society

Member, National Hispanic Science Network

Lifetime Member, Psi Chi National Honor Society in Psychology

Member, Society for Neuroscience

Associate Member, Society for Stimulus Properties of Drugs

RECENT VOLUNTEER EXPERIENCE (2015-2018)

2018 Campus Office of Undergraduate Research Initiatives (COURI) Summer Symposia **poster judge**, El Paso, TX

2018 Behavior, Biology, & Chemistry: Translational Research in Addiction (BBC) **poster judge**, San Antonio, TX

2017 American Society for Pharmacology and Experimental Therapeutics (ASPET) Dolores C. Shockley Award for Underrepresented Minority Trainees, Best Abstract Competition **poster judge**, Chicago, IL

2017 COURI Summer symposia **poster judge**, El Paso, TX

2017 BBC **poster judge**, San Antonio, TX

2017 ASPET Dolores C. Shockley Award for Underrepresented Minority Trainees, Division of Behavioral Pharmacology, Best Abstract Competition **poster judge**, Chicago, IL

2016 COURI Spring and Summer Symposia **poster judge**, El Paso, TX

2016 ASPET Dolores C. Shockley Award for Underrepresented Minority Trainees, Best Abstract Competition **poster judge**, San Diego, CA

2016 BBC **poster judge**, San Antonio, TX

2016 UTEP Outstanding Teaching Awards for Graduate Students **judge**, El Paso, TX

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RECENT NATIONAL CONFERENCE PRESENTATIONS (2015-2019)

*indicates student/trainee author

2019

1. *Serna P, *Galindo KI, and **Serafine KM**. *The effects of eating a high fat diet on methamphetamine-induced conditioned place preference*. Abstract submitted for presentation at the annual meeting of the American Society for Pharmacology and Experimental Therapeutics (ASPET) at Experimental Biology, Orlando, FL.
2. *Galindo KI, *Beltran NM, *Serna P, *Ramos J, and **Serafine KM**. *Female rats eating high fat chow acquire methamphetamine self-administration faster than rats eating standard chow*. Abstract submitted for presentation at the annual meeting of the American Society for Pharmacology and Experimental Therapeutics (ASPET) at Experimental Biology, Orlando, FL.
3. *Beltran NM, *Galindo KI, *Echeverri J, *Hernandez-Casner C, and **Serafine KM**. *Intermittent dietary fish oil supplementation prevents high fat diet-induced enhanced sensitivity to the behavioral effects of quinpirole*. Abstract submitted for presentation at the annual meeting of the American Society for Pharmacology and Experimental Therapeutics (ASPET) at Experimental Biology, Orlando, FL.
4. *Hardin E, *Ramos J, and **Serafine KM**. *Sex differences in high fat diet-induced enhanced sensitivity to methamphetamine and dopamine D₁ receptor agonist SKF 82958*. Abstract submitted for presentation at the annual meeting of the American Society for Pharmacology and Experimental Therapeutics (ASPET) at Experimental Biology, Orlando, FL.
5. *Ramos J, *Hardin EJ, *Flores-Robles G, *Cruz B, *Gonzalez AT, and **Serafine KM**. *Sex differences in high fat diet-induced enhanced sensitivity to the locomotor stimulating effects of methamphetamine and SKF 82958*. Abstract submitted for presentation at the annual meeting of the College on Problems of Drug Dependence, San Antonio, TX.

2018

6. *Galindo K, *Beltran NM, and **Serafine KM**. *The effects of eating a high fat diet on sensitivity of female rats to the reinforcing effects of methamphetamine*. Abstract presented at the annual meeting of the American Society for Pharmacology and Experimental Therapeutics (ASPET) at Experimental Biology, San Diego, CA.
7. *Ramos J, *Flores-Robles G, *Gonzalez A, and **Serafine KM**. *Sex differences in high fat diet-induced enhanced sensitivity to the locomotor stimulating effects of methamphetamine and SKF 82958*. Abstract presented at the annual meeting of ASPET at Experimental Biology, San Diego, CA.
8. *Hernandez-Casner C, *Beltran NM, *Ramos J, and **Serafine KM**. *The effects of docosahexaenoic acid administration on high fat chow-induced enhanced sensitivity to dopaminergic drugs*. Abstract presented at the annual meeting of ASPET at Experimental Biology, San Diego, CA.

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9. *Beltran NM, *Hernandez-Casner C, and **Serafine KM**. *The effects of intermittent dietary supplementation with fish oil on high fat diet-induced enhanced sensitivity to the behavioral effects of dopaminergic drugs*. Abstract presented at the annual meeting of ASPET at Experimental Biology, San Diego, CA.

2017

10. *Hernandez-Casner C, *Ramos J, *Hussain S, and **Serafine KM**. *Dietary supplementation with fish oil prevents high fat diet-induced enhancement of sensitivity to the behavioral effects of quinpirole in rats*. Abstract presented at the annual meeting of the American Society for Pharmacology and Experimental Therapeutics (ASPET) at Experimental Biology, Chicago, IL.
11. *Hernandez-Casner C, *Ramos J, *Hussain S, and **Serafine KM**. *Dietary supplementation with fish oil reverses high fat diet-induced enhanced sensitivity to quinpirole-induced penile erections*. Abstract presented at the annual meeting of BBC, San Antonio, TX.
12. *Hussain S, *Hernandez-Casner C, *Ramos J, and **Serafine KM**. *Lorcaserin does not impact high fat diet-induced enhanced sensitivity to the behavioral effects of dopamine D₂/D₃ receptor agonist quinpirole*. Abstract presented at the annual meeting of BBC, San Antonio, TX.

2016

13. *Ramos J, *Hernandez-Casner C, and **Serafine KM**. *Eating high fat chow enhances sensitivity of male, but not female rats to the behavioral effects of dopamine D₂/D₃ receptor agonist quinpirole*. Abstract presented at the annual meeting of BBC, San Antonio, TX.
14. *Hernandez-Casner C, *Ramos J, and **Serafine KM**. *Dietary supplementation with fish oil delays high fat chow-induced enhancement of sensitivity to the behavioral effects of dopamine D₂/D₃ receptor agonist quinpirole in adolescent male rats*. Abstract presented at the annual meeting of BBC, San Antonio, TX.
15. *Ramos J, *Hernandez-Casner C, and **Serafine KM**. *Eating high fat chow enhances sensitivity of adolescent rats to the behavioral effects of the dopamine D₂/D₃ receptor agonist quinpirole*. Late breaking abstract presented at the annual meeting of ASPET at Experimental Biology, San Diego, CA.
16. **Serafine KM** and France CP. *Characterization of the discriminative stimulus effects of lorcaserin in rats*. Abstract presented at the annual meeting of ASPET at Experimental Biology, San Diego, CA.
17. *Labay CE, **Serafine KM**, and France CP. *Dietary supplementation with fish oil prevents high fat diet-induced enhancement of sensitivity to the locomotor stimulating effects of cocaine*. Abstract presented at the annual meeting of ASPET at Experimental Biology, San Diego, CA.

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2015

18. **Serafine KM** and France CP. *Characterization of the behavioral effects of lorcaserin in rats*. Poster presented at the annual meeting of the American Society for Pharmacology and Experimental Therapeutics (ASPET) at Experimental Biology, Boston, MA.