

CURRICULUM VITAE

Sergio D. Iñiguez, Ph.D.

(Updated 11/17/2021)

CONTACT INFORMATION

The University of Texas at El Paso (**UTEP**)
 Department of Psychology
 500 W. University, El Paso, TX, 79968
 Email: sdiniguez@utep.edu
 Office phone: 915-747-5769
 Fax: 915-747-6553

EDUCATION

2011 **Ph.D.** Neuroscience, Florida State University, Tallahassee, FL.
 2007 **M.A.** Experimental Psychology, California State University, San Bernardino, CA (**CSUSB**).
 2002 **B.A.** Psychology, CSUSB, San Bernardino, CA.

RESEARCH AND PROFESSIONAL EXPERIENCE

2019-present Associate Professor (*Tenured*). Psychology Department. UTEP, El Paso, TX.
 2016-2019 Associate Professor. Psychology Department. UTEP, El Paso, TX.
 2014-2016 Associate Professor (*Tenured*). Psychology Department. CSUSB, San Bernardino, CA.
 2011-2014 Assistant Professor. Psychology Department. CSUSB, San Bernardino, CA.
 2011-Spring Research Fellow. Psychiatry Department, Yale University, New Haven, CT.
 Supervisor: Ralph J. DiLeone, Ph.D.
 2010-2011 Part-time Lecturer. Department of Psychology. Florida State University. Tallahassee, FL.
 Supervisor: Ellen Berler, Ph.D.
 2009-Spring Research Assistant. Fishberg Department of Neuroscience, Mount Sinai School of Medicine, New York, NY. Supervisor: Eric J. Nestler, M.D., Ph.D.
 2008-Spring Research Fellow, Psychiatry Department, University of Texas Southwestern Medical Center, Dallas, TX. Supervisor: Eric J. Nestler, M.D., Ph.D.
 2007-2011 Graduate Student. Department of Psychology, Florida State University, Tallahassee, FL.
 Supervisor: Carlos Bolaños-Guzmán, Ph.D.
 2004-2005 Part-time Lecturer. Department of Psychology, CSUSB, San Bernardino, CA. Supervisor: Yuchin Chien, Ph.D.

HONORS AND AWARDS

2021 *National Award of Excellence in Innovative Advances in Health Research*, National Hispanic Science Network (**NHSN**).
 2021 Elected *Full Member*, American College of Neuropsychopharmacology (**ACNP**).
 2018 *Clever Systems Early Investigator Award*, Division 6 (Behavioral Neuroscience and Comparative Psychology), American Psychological Association (**APA**).
 2018 *National Award on Excellence in Mentorship*, NHSN.
 2017 *Mentoring Award*. NIH-BUILDing Scholars Program and College of Liberal Arts, UTEP.
 2016 Elected *Associate Member*, **ACNP**.
 2015 Outstanding Faculty in Research, Scholarly, or Creative Contribution Award. College of Social & Behavioral Sciences. CSUSB, San Bernardino, CA.
 2014-2015 National Institute of Neurological Disorders and Stroke (NINDS) – Early Career Institute (ECI) in Neuroscience Fellow. University of Pittsburgh, Pittsburgh, PA.
 2014 Travel Award. College on Problems of Drug Dependence (**CPDD**), San Juan, Puerto Rico.

- 2014 Outstanding Teaching Award. Department of Psychology, CSUSB, San Bernardino, CA.
- 2013 Travel Award. National Institute on Drug Abuse (NIDA) Special Populations Research Development Seminar Series Workshop. NIH, Bethesda MD.
- 2013 Outstanding Faculty Professional Development Award. Department of Psychology, CSUSB, San Bernardino, CA.
- 2013-2015 Travel Award. California State University Program for Education and Research in Biotechnology (CSUPERB) annual research conference.
- 2012 National Hispanic Science Network (NHSN/NIDA) Early Career Leadership Committee (ECLC) Pilot Funding Program Award.
- 2011 **ACNP Travel Fellow**. American College of Neuropsychopharmacology, Waikoloa, HI.
- 2011 Research & Creativity Award. The Graduate School, Florida State University.
- 2011 Dissertation Grant. The Graduate School, Florida State University.
- 2011 Dissertation Research Award. American Psychological Association (APA).
- 2010-2019 NHSN/NIDA Travel Award. National Hispanic Science Network on Drug Abuse.
- 2009-2011 Neuroscience Scholars Program Fellowship (**NSP**). Society for Neuroscience (NINDS).
- 2009 Summer Program in Neuroscience, Ethics, and Survival (**SPINES**). Marine Biology Laboratory, Woods Hole, MA.
- 2009-2011 Ruth L. Kirchstein National Research Service Award (**F31DA027300**). NIDA.
- 2007-2011 McKnight Predoctoral Fellowship. The Florida Education Fund.
- 2007-2009 Neuroscience Predoctoral Fellowship. Program in Neuroscience. Florida State University.

PEER-REVIEWED PUBLICATIONS Listed in Reverse Chronological Order (♣Lab-trainee co-author; *Corresponding author).

40. Morais-Silva G, Nam H, Campbell R, Basu M, Pagliusi M, Fox ME, Chan S, **Iñiguez SD**, Ament SA, Marin MT, Lobo MK. (2021). Activation of Npas1-neurons in the ventral pallidum mediates stress susceptibility. *bioRxiv*. DOI: 10.1101/2021.10.27.466188.
39. Salcido A, Robles EH, Chaudhary K, Alvarado L, **Iñiguez SD**, Vargas-Medrano J, Diaz-Pacheco V, Villanos MT, Gadad BS, Martin SL. (2021). Association of ADHD and obesity in Hispanic children on the US-Mexico border: A retrospective analysis. *Frontiers in Integrative Neuroscience*, In Press.
38. ♣Sierra-Fonseca JA, ♣Rodriguez M, ♣Themann A, ♣Lira O, ♣Flores-Ramirez FJ, Vargas-Medrano J, Gadad BS, ***Iñiguez SD**. (2021). Autophagy induction and accumulation of phosphorylated tau in the hippocampus and prefrontal cortex of adult C57BL/6 mice subjected to adolescent fluoxetine treatment. *Journal of Alzheimers Disease*, 83(4):1691-1702. PMID:34420960.
37. ♣Flores-Ramirez FJ, ♣Themann A, ♣Sierra-Fonseca JA, ♣Garcia-Carachure I, ♣Castillo SA, ♣Rodriguez M, ♣Lira O, ♣Preciado-Piña J, Warren BL, Robison AJ, ***Iñiguez SD**. (2021). Adolescent fluoxetine treatment mediates a persistent anxiety-like outcome in female C57BL/6 mice that is ameliorated by fluoxetine re-exposure in adulthood. *Scientific Reports*, 11(1):7758. PMID:33833356.
36. Quintana-Feliciano R, Gobin C, Kane L, Sortman B, Rakela S, Genovese A, Tunstall B, Caprioli D, **Iñiguez SD**, Warren BL. (2021). Food-seeking behavior is mediated by Fos-expressing neuronal ensembles formed at first learning in rats. *eNeuro*. 8(2):ENEURO.0373-20.2021. PMID:33472867.
35. ***Iñiguez SD**, ♣Flores-Ramirez FJ, ♣Themann A, ♣Lira O. (2021). Adolescent fluoxetine exposure induces persistent gene expression changes in the hippocampus of adult male C57BL/6 mice. *Molecular Neurobiology*, 58(4):1683-1694. PMID:33241493.

34. Duque-Wilckens N, Torres L, Yokoyama S, Minie V, Tran A, Petkova S, Hao R, Ramos-Maciel S, Rios RA, Jackson K, ^ψFlores-Ramirez FJ, ^ψGarcia-Carachure I, Pesavento PA, **Iñiguez SD**, Grinevich V, Trainor BC. (2020). Extra-hypothalamic oxytocin neurons drive stress-induced social vigilance and avoidance. *Proceedings of the National Academy of Sciences of the United States of America*, 117(42):26406-26413. PMID:33020267.
33. Trujillo KA, ***Iñiguez SD** (2020). Ketamine beyond anesthesia: Antidepressant effects and abuse potential. *Behavioural Brain Research*, 394:112841. PMID:32739287.
32. Franco D, Zamudio J, Blevins KM, Nuñez-Larios EA, Ricoy UM, **Iñiguez SD**, Zavala AR. (2020). Early-life ketamine exposure attenuates the preference for ethanol in adolescent Sprague-Dawley rats. *Behavioural Brain Research*, 389:112626. PMID:32361040.
31. Warren BL, Mazei-Robison MS, Robison AJ, ***Iñiguez SD**. (2020). Can I get a Witness? Using vicarious social defeat stress to study mood-related illnesses in traditionally understudied populations. *Biological Psychiatry*, 88(5):381-391. PMID:32228871.
30. ^ψGarcia-Carachure I, ^ψFlores-Ramirez FJ, ^ψCastillo SA, ^ψThemann A, ^ψArenivar MA, ^ψPreciado-Piña J, Zavala AR, Lobo MK, ***Iñiguez SD**. (2020). Enduring effects of adolescent ketamine exposure on cocaine- and sucrose-induced reward in male and female C57BL/6 mice. *Neuropsychopharmacology*, 45(9):1536-1544. PMID:32165718.
29. ^ψSierra-Fonseca JA, Parise LF, ^ψFlores-Ramirez FJ, Robles EH, ^ψGarcia-Carachure I, ***Iñiguez SD**. (2019). Dorsal hippocampus ERK2 signaling mediates anxiolytic-related behavior in male rats. *Chronic Stress*, 3, 1-7. PMID:32095734.
28. ^ψFlores-Ramirez FJ, Parise LF, ^ψAlipio JB, ^ψGarcia-Carachure I, ^ψCastillo SA, ^ψRodriguez M, ^ψThemman A, ^ψLira O, ^ψPreciado-Piña J, ***Iñiguez SD**. (2019). Adolescent fluoxetine history impairs spatial memory in adult male, but not female, C57BL/6 mice. *Journal of Affective Disorders*, 249: 347-356. PMID:30807936.
27. ***Iñiguez SD**, Parise LF, ^ψFlores-Ramirez FJ, ^ψGarcia-Carachure I, Lobo MK, Warren BL, Robison AJ. (2019). Upregulation of hippocampal extracellular signal-regulated kinase (ERK)-2 induces antidepressant-like behavior in the rat forced swim test. *Behavioral Neuroscience*, 33(2):225-231. PMID:30937619.
26. ^ψFlores-Ramirez FJ, ^ψGarcia-Carachure I, ^ψSanchez DO, ^ψGonzalez C, ^ψCastillo SA, ^ψArenivar M, ^ψThemann A, ^ψLira O, ^ψRodriguez M, ^ψPreciado-Piña J, ***Iñiguez SD**. (2018). Fluoxetine exposure in adolescent and adult female mice decreases cocaine and sucrose preference later in life. *Journal of Psychopharmacology*, 33(1), 145-153. PMID:30334670.
25. ***Iñiguez SD**, ^ψFlores-Ramirez FJ, ^ψRiggs LM, ^ψAlipio JB, ^ψGarcia-Carachure I, ^ψHernandez MA, ^ψSanchez DO, Lobo MK, Serrano PA, Braren SH, ^ψCastillo SA. (2018). Vicarious social defeat stress induces depression-related outcomes in female c57bl/6 mice. *Biological Psychiatry*, 83(1), 9-17. PMID:28888327.
24. Chandra R, Engeln M, Schiefer C, Patton MH, Martin JA, Werner CT, ^ψRiggs LM, Francis TC, McGlincy M, Evans B, Nam H, Das S, Girven K, Konkalmatt P, Gancarz AM, Golden SA, **Iñiguez SD**, Russo SJ, Turecki G, Mathur BN, Creed M, Dietz DM, Lobo MK. (2017). Drp1 mitochondrial fission in D1 neurons mediates behavioral and cellular plasticity during early cocaine abstinence. *Neuron*, 96(6), 1327-1341. PMID:29268097.

23. Chandra R, Francis TC, Nam H, ^ψRiggs LM, Engeln M, Rudzinkas S, Konkalmatt P, Russo SJ, Turecki G, **Iñiguez SD**, Lobo MK. (2017). Reduced Slc6a15 in nucleus accumbens D2-neurons underlies stress susceptibility. *Journal of Neuroscience*, 37(27), 6527-6538. PMID:28576941.
22. **Iñiguez SD**, Aubry A, ^ψRiggs LM, ^ψAlipio JB, Zanca RM, ^ψFlores-Ramirez FJ, ^ψHernandez MA, ^ψNieto SJ, Musheyev D, Serrano PA. (2016). Social defeat stress induces depression-like behavior and alters spine morphology in the hippocampus of adolescent male C57BL/6 mice. *Neurobiology of Stress*, 5:54-64. PMID:27981196.
21. ***Iñiguez SD**, ^ψRiggs LM, ^ψNieto SJ, Wright KN, ^ψZamora NN, ^ψCruz B, Zavala AR, Robison AJ, Mazei-Robison MS. Fluoxetine exposure during adolescence increases preference for cocaine in adulthood. (2015). *Scientific Reports*, 5, 15009.doi: 10.1038/srep15009. PMID:26449406.
20. Francis TC, Chandra R, Friend DM, Finkel E, ^ψDayrit G, Miranda J, Brooks JM, **Iñiguez SD**, O'Donnell P, Kravitz A, Lobo MK. (2015). Nucleus accumbens medium spiny neuron subtypes mediate depression-related outcomes to social defeat stress. *Biological Psychiatry*, 77(3), 212-22. PMID:25173629.
19. ***Iñiguez SD**, ^ψRiggs LM, ^ψNieto SJ, ^ψDayrit G, ^ψZamora NN, ^ψShawhan KL, ^ψCruz B, Warren BL. (2014). Social defeat stress induces a depression-like phenotype in adolescent male c57bl/6 mice. *Stress*, 17(3), 247-255. PMID:24689732.
18. Alcantara LF, Warren BL, Parise EM, **Iñiguez SD**, Bolaños-Guzmán CA. (2014). Effects of psychotropic drugs on second messenger signaling and preference for nicotine in juvenile male mice. *Psychopharmacology*, 231(8), 1479-1492. PMID:24452697.
17. ***Iñiguez SD**, Alcantara LF, Warren BL, ^ψRiggs LM, Parise EM, Vialou V, Wright KN, ^ψDayrit G, ^ψNieto SJ, Wilkinson MB, Lobo MK, Neve RL, Nestler EJ, Bolaños-Guzmán CA. (2014). Fluoxetine exposure during adolescence alters responses to aversive stimuli in adulthood. *Journal of Neuroscience*, 34(3), 1007-1021. PMID:24431458.
16. Parise EM, Alcantara LF, Warren BL, Wright KN, Hadad R, Sial OK, Kroeck KG, **Iñiguez SD**, Bolaños-Guzmán CA. (2013). Repeated ketamine exposure induces an enduring resilient phenotype in adolescent and adult rats. *Biological Psychiatry*, 74(10), 750-759. PMID: 23790225.
15. Warren BL, Vialou VF, **Iñiguez SD**, Alcantara LF, Wright KN, Feng J, Kennedy PJ, LaPlant Q, Shen L, Nestler EJ, Bolaños-Guzmán CA. (2013). Neurobiological sequelae of witnessing stressful events in adult mice. *Biological Psychiatry*, 73(1), 7-14. PMID: 22795644.
14. **Iñiguez SD**, Charntikov S, Baella SA, Herbert MS, Bolaños-Guzmán CA, Crawford CA. (2012). Post-training cocaine exposure facilitates spatial memory consolidation in C57BL/6 mice. *Hippocampus*, 22(4), 802-813. PMID: 21542053.
13. ****Warren BL**, ****Iñiguez SD**, Alcantara LF, Wright KN, Parise EM, Weakley SK, Bolaños-Guzmán CA. (2011). Juvenile administration of concomitant methylphenidate and fluoxetine alters behavioral reactivity to reward- and mood-related stimuli and disrupts ventral tegmental area gene expression in adulthood. *Journal of Neuroscience*, 31(28), 10347-10358. PMID: 21753012. ****First co-authors**.
12. Laplant Q, Vialou V, Covington HE 3rd, Dumitriu D, Feng J, Warren BL, Maze I, Dietz DM, Watts EL, **Iñiguez SD**, Koo JW, Mouzon E, Renthal W, Hollis F, Wang H, Noonan MA, Ren Y, Eisch AJ, Bolaños CA, Kabbaj M, Xiao G, Neve RL, Hurd YL, Oosting RS, Fan G, Morrison JH, Nestler EJ

(2010). Dnmt3a regulates emotional behavior and spine plasticity in the nucleus accumbens. *Nature Neuroscience*, 13(9), 1137-3343. PMID: 20729844.

11. **Iñiguez SD**, Warren BL, Neve RL, Russo SJ, Nestler EJ, Bolaños-Guzmán, CA. (2010). Viral-mediated expression of extracellular signal-regulated kinase-2 in the ventral tegmental area modulates behavioral responses to cocaine. *Behavioural Brain Research*, 214(2), 460-464. PMID: 20561901.
10. Vialou V, Robison AJ, LaPlant QC, Covington III HE, Dietz DM, Ohnishi Y, Mouzon E, Rush III AJ, Watts EL, Wallace DL, **Iñiguez SD**, Ohnishi YH, Steiner MA, Warren BL, Krishnan V, Bolaños CA, Neve RL, Ghose S, Berton O, Tamminga CA, Nestler EJ. (2010). DeltaFosB in brain reward circuits mediates resilience to stress and antidepressant responses. *Nature Neuroscience*, 13(6), 745-752. PMID: 20473292.
9. **Iñiguez SD**, Warren BL, Bolaños-Guzmán CA. (2010). Short- and long-term functional consequences of fluoxetine exposure during adolescence in male rats. *Biological Psychiatry*, 67(11), 1057-1066. PMID: 20172503.
8. **Iñiguez SD**, Vialou V, Warren BL, Cao J, Manjlovic Z, Neve RL, Russo SJ, Nestler EJ, Bolaños-Guzmán, CA. (2010). Extracellular signal-regulated kinase-2 within the ventral tegmental area regulates responses to stress. *Journal of Neuroscience*, 30(22), 7652-7663. PMID: 20519540.
7. Wallace DL, Han MH, Graham DL, Green TA, Vialou V, **Iñiguez SD**, Cao JL, Chakravarty S, Kumar A, Krishnan V, Neve RL, Cooper DC, Bolaños CA, Barrot M, McClung CA, Nestler EJ. (2009). CREB regulation of nucleus accumbens excitability mediates social isolation-induced behavioral deficits. *Nature Neuroscience*, 12(2), 200-209. PMID: 19151710.
6. **Iñiguez SD**, Warren BL, Parise E, Alcantara LF, Schuh B, Maffeo ML, Manojlovic Z, Bolaños-Guzmán CA. (2009). Nicotine exposure during adolescence induces a depression-like state in adulthood. *Neuropsychopharmacology*, 34(6), 1609-1624. PMID: 19092782.
5. Halladay LR, **Iñiguez SD**, Furqan F, Previte MC, Chisum AM, Crawford CA. (2009). Effects of early methylphenidate exposure on morphine-induced antinociception, hyperthermia, and locomotor activity in young adult rats. *Pharmacology, Biochemistry and Behavior*, 92(1), 190-196. PMID: 19100281.
4. **Iñiguez SD**, Warren BL, Neve RL, Nestler EJ, Russo SJ, Bolaños-Guzmán CA. (2008). Insulin receptor substrate-2 in the ventral tegmental area regulates cocaine-induced behavioral adaptations. *Behavioral Neuroscience*, 122(5), 1172-1177. PMID: 18823173.
3. Krishnan V, Han MH, Mazei-Robison M., **Iñiguez SD**, Ables JL, Vialou V, Berton O, Ghose S, Covington HE 3rd, Wiley MD, Henderson RP, Neve RL, Eisch AJ, Tamminga CA, Russo SJ, Bolaños CA, Nestler EJ. (2008). AKT signaling within the ventral tegmental area regulates cellular and behavioral responses to stressful stimuli. *Biological Psychiatry*, 64(8), 691-700. PMID: 18639865.
2. Wallace DL, Vialou V, Rios L, Carle-Florence TL, Chakravarty S, Kumar A, Graham DL, Green TA, Kirk A, **Iñiguez SD**, Perrotti LI, Barrot M, DiLeone RJ, Nestler EJ, Bolaños-Guzmán CA. (2008). The influence of Δ FosB in the nucleus accumbens on natural reward-related behavior. *Journal of Neuroscience*, 28(41), 10272-10277. PMID: 18842886.

1. Iñiguez SD, Cortez AM, Crawford CA, McDougall SA. (2008). Effects of aripiprazole and terguride on dopamine synthesis in the dorsal striatum and medial prefrontal cortex of preweanling rats. *Journal of Neural Transmission*, 115(1), 97-106. PMID: 17994191.

DEPARTMENT, COLLEGE, AND UNIVERSITY SERVICE

- 2012-2014 Department of Psychology Awards Committee, CSUSB.
- 2014-2015 Department of Psychology, Animal Care Technician Hiring Committee, CSUSB.
- 2014-2015 College of Social & Behavioral Sciences, Faculty Board Member SSCI BA Degree, CSUSB.
- 2016-present Department of Psychology Awards Committee, UTEP.
- 2018-2019 Department of Biological Science, Faculty Hiring Committee Member, UTEP.
- 2018-present Faculty Senate, Department of Psychology Representative, UTEP.
- 2018-present Institutional Animal Care and Use Committee (**IACUC**) Member, UTEP.
- 2019-present Department of Psychology Graduate Program Committee, Member, UTEP.
- 2020-present Graduate School Internal Funding Reviewer – Dodson Research Grant, UTEP.
- 2020-present Department of Psychology, Professional Activities Review Committee, Chair, UTEP.
- 2021-present Department of Psychology, Administrative Liaison Committee, Member, UTEP.
- 2021-present Department of Psychology, Associate Chair, UTEP.

EXTERNAL SERVICE

- 2015- present Neurodatablitz Panel Co-chair (Arturo R. Zavala, Co-chair, California State University, Long Beach) – National Hispanic Science Network (**NHSN**) on Drug Abuse Research Conference.
- 2016 Planning Committee Member – National Hispanic Science Network (**NHSN**) on Drug Abuse Research Conference.
- 2020- 2023 Trainee Professional Development Award (TPDA) Selection Committee Member – Society for Neuroscience (**Sfn**).
- 2021- 2023 Neuroscience Scholars Program (**NSP**) Student Mentor – SfN.
- 2021- 2023 Program Committee Member – International Behavioral Neuroscience Society (**IBNS**).

GRANT REVIEW COMMITTEES

- 2015 National Science Foundation (NSF), Neural Systems, Modulation 1 Panel P151176.
- 2016 California State University Program for Education, Research & Biotechnology (CSUPERB).
- 2017 National Science Foundation (NSF), Neural Systems, Modulation 2 Panel P171132.
- 2019 National Science Foundation (NSF), Electronic Proposal Review Request (single proposal).

EDITORIAL BOARD MEMBER

- 2018- present *Academic Editor* – **PLoS One**, Public Library of Science.
- 2019- 2020 *Co-Guest Editor* – **Behavioural Brain Research**, Elsevier. Special Issue: Ketamine Beyond Anesthesia: Antidepressant Effects and Abuse Potential. Co-Editor: Keith Trujillo, Ph.D.
- 2019- present *Associate Editor* – **Neuroscience Letters**, Elsevier.
- 2021- present *Co-Guest Editor* – **Frontiers in Neuroscience** and **Frontiers in Psychiatry**, Frontiers Media SA. Special Issue: Adolescence and Risk of Psychopathology: Understanding trajectories and early interventions. Co-Editors: Alessia Mastrodonato Ph.D. (Columbia University), and Kevin Bath, Ph.D. (Brown University).
- 2021-present *Associate Editor* – **Oxford Open Neuroscience**, Oxford University Press.

AD HOC REVIEWER FOR ACADEMIC JOURNALS

The American Journal of Addictions, Wiley.
 Behavioural Brain Research, Elsevier.
 Biological Psychiatry, Elsevier.
 Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, Elsevier.
 BMC Neuroscience, Springer.
 Brain and Behavior, John Wiley & Sons.
 Brain, Behavior, and Immunity, Elsevier.
 Chronic Stress, SAGE.
 eLife, eLife Sciences Publications, Ltd.
 eNeuro, Society for Neuroscience.
 European Journal of Neuroscience, Wiley-Blackwell.
 Frontiers in Neuroscience, Frontiers Media SA.
 Journal of Affective Disorders, Elsevier.
 Journal of Clinical Medicine, MDPI.
 Journal of Neural Transmission, Springer.
 Journal of Neuroscience, Society for Neuroscience.
 Journal of Psychopharmacology, SAGE.
 Metabolic Brain Disease, Springer.
 Molecular Brain, BMC, Springer Nature.
 Molecular Neurobiology, Springer.
 Molecular Psychiatry, Nature Publishing Group.
 Neuroscience & Biobehavioral Reviews, Elsevier.
 Neuropharmacology, Elsevier.
 Neuropsychopharmacology, Nature Publishing Group.
 Neuroscience, Elsevier.
 Neuroscience Letters, Elsevier.
 PLoS One, Public Library of Science.
 Scientific Reports, Nature Publishing Group.
 Stress, Taylor & Francis.
 Synapse, John Wiley & Sons.

REVIEWER FOR ACADEMIC BOOKS

2015-2016 Neurobiology: A Functional Approach (by GF Striedter). Oxford Univeristy Press.

PROFESSIONAL MEMBERSHIPS

2011- present American College of Neuropsychopharmacology (ACNP)
 2007- present Society for Neuroscience (SfN).
 2014- present International Behavioral Neuroscience Society (IBNS).
 2011-2013 Faculty for Undergraduate Neuroscience (FUN).
 2014- 2021 College on Problems of Drug Dependence (CPDD).
 2011-present American Psychological Association (APA).
 2001-2002 Society for the Advancement of Chicanos and Native Americans in Science (SACNAS).
 2009-present National Hispanic Science Network on Drug Abuse (NHSN).

CLASSROOM TEACHING & MENTORING**Courses Taught as Graduate Student Instructor (Lab Sections)**

PSYC311	– Experimental Psychology, CSUSB	Fall/Winter/Spring 2003-2005
PSYC3213C	– Research Methods, Florida State University	Fall 2010

PSB3004C – Physiological Psychology, Florida State University Spring 2011

Courses Taught as Primary Instructor

PSYC363 – Biological Psychology, CSUSB, 2012-2015
 PSYC433 – Advanced Experimental Psychology: Biological, CSUSB, 2012-2015
 PSYC442 – Behavioral Neuroscience, CSUSB, 2012-2016
 PSYC4324 – Psychobiology, UTEP, 2017-present
 PSYC4345 – Behavioral Neuroscience, UTEP, 2017-present
 PSYC6378 – Spcl Topics: Behavrl Neurosci (Molecules to Behavior), UTEP, Fall 2021

Bachelors Honors Thesis Committee

Chair, Michelle Stone, CSUSB, 2012-2013
 Chair, Ricardo Rodriguez, CSUSB, 2013-2014
 Chair, Steven Nieto, CSUSB, 2013-2014
 Chair, Kristi Shawhan, CSUSB, 2014-2015
 Chair, Bryan Cruz, CSUSB, 2014-2015
 Chair, Jason Alipio, CSUSB, 2014-2015
 Chair, Mirella Hernandez, CSUSB, 2014-2015
 Member, Sarret Seng, California State University Long Beach, 2015

Bachelors Honors Project Supervisor

Alyssa Downey, UTEP, Spring 2017 (PSYC4324/Psychobiology)

Masters Thesis Committee

Member, Arturo Garcia, California Sate University Long Beach, 2012-2013
 Member, Melody Bowman, California State University Long Beach, 2013-2015
 Member, Michelle Calderwood, California State University San Marcos, 2013-2015
 Member, Daniel Collin, California State University Long Beach, 2015-2016
 Chair, Lace Riggs, CSUSB, 2013-2016
 Chair, Francisco Flores-Ramirez, UTEP, 2016-2018
 Member, Bryan Cruz, UTEP, 2016-2018
 Chair, Israel Garcia-Carachure, UTEP, 2017-2020
 Member, Bryant Salinas, California State University at Long Beach, 2018-2021
 Member, Victoria Castro, UTEP, 2018-2020
 Member, Valeria Garcia, UTEP, 2019-2021
 Chair, Anapaula Themann, UTEP, 2019-2021
 Chair, Minerva Rodriguez, UTEP, 2019-present
 Member, Veronika Espinoza, UTEP, 2021-present

PhD Dissittation Committee

Member, Rodolfo Flores, UTEP, Psychology, 2018-2019
 Member, Bryan Cruz, UTEP, Psychology, 2018-2020
 Chair, Francisco Flores-Ramirez, UTEP, Psychology, 2018-2020
 Co-Chair, Samuel Castillo, UTEP, Biological Sciences, 2017-present
 Member, Kevin Uribe, UTEP, Psychology, 2019-2020
 Member, Victoria Castro, UTEP, Biological Sciences, 2019-present
 Chair, Israel Garcia, Psychology, 2020-present
 Chair, Anapaula Themann, Psychology, 2021-present
 Chair, Minerva Rodriguez, Psychology, 2021-present

Post-doctoral Trainees

Dr. Carlos I. Rodriguez – Primary Advisor (June-November, 2018). Program Specialist, Center for Academic Program Support, The University of New Mexico (Albuquerque, NM).

Dr. Jorge A. Sierra-Fonseca – Primary Advisor (August 2019-May 2020). Assistant Professor, Chatham University (Pittsburgh, PA).

Dr. Francisco J. Flores-Ramirez – Primary Advisor (June-September, 2020). Postdoctoral Fellow at Scripps Research (La Jolla, CA).

SPONSORED TRAINEE FELLOWSHIPS/GRANTS

2012-2016 Associated Students, Incorporated (ASI), California State University San Bernardino (ASI-CSUSB). Student Research and Professional Development mini-grants.

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| 1. Ricardo Rodriguez, | Total Costs: \$1,850. |
| 2. Genesis Dayrit, | Total Costs: \$1,850. |
| 3. Michelle Stone, | Total Costs: \$850. |
| 4. Lisa Motley, | Total Costs: \$2,000. |
| 5. Steven Nieto, | Total Costs: \$2,000. |
| 6. Lace Riggs, | Total Costs: \$3,000. |
| 7. Norma Zamora, | Total Costs: \$1,000. |
| 8. Bryan Cruz, | Total Costs: \$2,000. |
| 9. Victor Cao, | Total Costs: \$1,000. |
| 10. Raisa Ahmed, | Total Costs: \$1,000. |
| 11. Kristi Shawhan, | Total Costs: \$1,500. |
| 12. Elizabeth Flores, | Total Costs: \$500. |
| 13. Chien Originales, | Total Costs: \$1,000. |
| 14. Mirella Hernandez, | Total Costs: \$1,000. |
| 15. Francisco Flores-Ramirez, | Total Costs: \$2,000. |
| 16. Jason Alipio, | Total Costs: \$2,000. |

2013-2014 California Graduate Equity Fellowship. California State University System. CSUSB.
-Lisa Motley, Total Costs: **\$3,000.**

2019-2020 Kevin Uribe, **NIH-F31** (National Institutes on Drug Abuse). Neurobiological correlates of nicotine withdrawal in female versus male rats. Sponsors: Laura O'Dell, Ph.D. (Primary sponsor) and Sergio Iñiguez, Ph.D. (co-sponsor). Total Costs: **\$54,847.**

2021-2022 Israel Garcia-Carachure, **Dodson Research Grant** (Office of the Graduate School - UTEP). Long-term effects of concomitant exposure to ketamine and social stress on spatial memory performance in male C57BL/6 mice. Sponsor: Sergio Iñiguez, PhD. Total Costs: **\$3,000.**

INVITED RESEARCH TALKS

1. **Iñiguez SD.** (2011). Fluoxetine exposure during adolescence results in a long-lasting downregulation of ERK2 within the ventral tegmental area of male rats. Research Seminar. McKnight Research Conference, The Florida Education Fund, Tampa, FL.
2. **Iñiguez SD.** (2012, May 10th). Witnessing physical stress induces an anxiety- and depression-like state in c57BL/6 mice. The Meeting of the Minds, 1st Annual Research Symposium. Keynote Speaker. California State University San Bernardino (CSUSB), San Bernardino, CA.
3. **Iñiguez SD.** (2012, September 7th). ERK modulates responsivity to stress in adulthood after Prozac exposure during adolescence. Research Seminar. Host: Mary K. Lobo. Department of Anatomy and Neurobiology, University of Maryland School of Medicine, Baltimore, MD.

4. **Iñiguez SD.** (2012, September 19th). Neurobiological consequences of Prozac exposure during adolescence. *Research Presentation*. Department of Psychology, California State University Long Beach (CSULB), Long Beach, CA.
5. **Iñiguez SD.** (2013, February 27th). Prozac exposure during adolescence enhances drug liability in adulthood. *The Meeting of the Minds, 2nd Annual Research Symposium*. *Keynote Speaker*. California State University San Bernardino (CSUSB), San Bernardino, CA.
6. **Iñiguez SD.** (2013, October 10th). Prozac Exposure During Adolescence Regulates Responses to Cocaine in Adulthood. *Symposium: Basic Science Datablitz. Shared Challenges and Opportunities for Achieving Health Equity with Ethnically Diverse Populations*. National Hispanic Science Network on Drug Abuse (NHSN), Bethesda, MD.
7. **Iñiguez SD.** (2013, October 24th). Prozac exposure during adolescence alters responses to aversive stimuli in adulthood. *Research Seminar*. Department of Psychology, California State University San Marcos (CSUSM), San Marcos, CA.
8. **Iñiguez SD.** (2014, April 18th). Drugs, Sex, and Depression: Consequences of Prozac Exposure in Adolescence. *Invited Community Talk*. Institute for Child Development & Family Relations. California State University San Bernardino (CSUSB), San Bernardino, CA.
9. **Iñiguez SD.** (2014, May 27th). Witnessing physical stress induces an anxiety and depression-like state in c57BL/6 mice. *The Meeting of the Minds, 3rd Annual Research Symposium*. *Keynote Speaker*. California State University San Bernardino (CSUSB), San Bernardino, CA.
10. **Iñiguez SD.** (2014, June 13th). *Research Talk*. Extracellular single-regulated kinase-2 regulates adult functional responsivity to stressful situations induced by Prozac exposure during adolescence. International Behavioral Neuroscience Society (IBNS), Las Vegas, NV.
11. **Iñiguez SD.** (2014, July 11th). Fluoxetine exposure during adolescence alters responses to stress in adulthood. *Research Seminar*. Department of Psychology, University of California Los Angeles (UCLA), Los Angeles, CA.
12. **Iñiguez SD.** (2014, July 18th). Juvenile fluoxetine exposure alters responses to aversive stimuli in adulthood. *Research Presentation*. School of Medicine and Biomedical Sciences, Department of Pharmacology and Toxicology, The State University of New York (SUNY), Buffalo, NY.
13. **Iñiguez SD.** (2014, September 11th). Neurobiological consequences of fluoxetine (Prozac) exposure during adolescence. *Research Presentation*. Division of Adolescent and Young Adult Medicine, Pediatric Grand Rounds. University of Southern California (USC) / Children's Hospital Los Angeles (CHLA), Los Angeles, CA.
14. **Iñiguez SD.** (2015, February 18th). *Research Presentation*. Neurobiological Consequences of Prozac exposure during adolescence. Department of Psychological & Sociology, Cal Poly Pomona, Pomona, CA.
15. **Iñiguez SD.** (2015, February 27th). Fluoxetine exposure during adolescence alters responses to stress in adulthood. *Research Seminar*. Neuroscience Research Institute and Department of Psychological & Brain Sciences, University of California Santa Barbara (UCSB), Santa Barbara, CA.

16. **Iñiguez SD.** (2015, March 17th). Research Talk. Functional studies of antidepressant exposure during adolescence. Department of Psychology, The University of Texas at El Paso (UTEP), El Paso, TX.
17. **Iñiguez SD.** (2015, June 25th). Social defeat stress induces a depression- and addiction-related phenotype in adolescent c57bl/6 mice. Research Presentation. National Hispanic Science Network (NHSN) on Drug Abuse, San Antonio, TX.
18. **Iñiguez SD.** (2015, September 30th). Fluoxetine exposure during adolescence alters emotional behavior in adulthood. Research Presentation. Claremont Colleges Neuroscience Program, Keck Science Department, Claremont Colleges, Claremont, CA.
19. **Iñiguez SD.** (2015, November 20th). Research Presentation. Psychology Department Colloquium. Early-life antidepressant exposure increases preference for cocaine in adulthood. California State University San Bernardino (CSUSB), San Bernardino, CA.
20. **Iñiguez SD.** (2016, April 7th). Research Presentation. Biological Sciences Department Colloquium. Antidepressant exposure during adolescence alters emotional behavior in adulthood. California State University Long Beach (CSULB), Long Beach, CA.
21. **Iñiguez SD.** (2016, April 29th). Symposium. Drug Addiction: Behavioral, cellular, and morphological plasticity. Title of Research Presentation: Adolescent social stress alters hippocampal spine plasticity and cocaine preference. Western Psychological Association (WPA), Long Beach, CA.
22. **Iñiguez SD.** (2016, June 13th). Research Presentation. Juvenile ketamine exposure alters sensitivity to reward-related stimuli in adulthood. College on Problems of Drug Dependence (CPDD), La Quinta, CA.
23. **Iñiguez SD.** (2016, June 17th). Symposium. Drug Addiction: Behavioral and drug plasticity across development. Title of Research Presentation: Antidepressant exposure during adolescence increases preference for cocaine in adulthood. National Hispanic Science Network (NHSN), Palm Desert, CA.
24. **Iñiguez SD.** (2016, October 21st). Symposium: Major depressive disorder: A preclinical approach. UTEP Professors Ignite MiniCAST – Night at the Museum. Host: Aaron Velasco. El Paso Museum of History, El Paso, TX.
25. **Iñiguez SD.** (2017, June 22nd). Research Seminar. Behavioral and pharmacological studies to examine major depressive disorder. Department of Psychology, SMART-MiND Summer Research Program. Host: Laura O'Dell, Ph.D., UTEP, El Paso, TX.
26. **Iñiguez SD.** (2017, August 25th). Research Presentation. Examining major depressive disorder: A preclinical approach. Department of Biology, Chemistry, and Environmental Science, Northern New Mexico College, Española, NM.
27. **Iñiguez SD.** (2017, September 20th). Research Presentation. Examining major depressive disorder: A preclinical approach. *Health Exchange Lecture Series*, College of Health Sciences, School of Nursing, UTEP, El Paso, TX.
28. **Iñiguez SD.** (2017, October 6th). Research Symposium Panel. Juvenile exposure to antidepressant medications alters preference for cocaine in adulthood. Latino Drug Abuse Research From a

Veterana to the Next Generation of Scientists. National Hispanic Science Network (NHSN) on Drug Abuse, Phoenix, AZ.

29. **Iñiguez SD.** (2017, December 1st). Research Presentation: Vicarious defeat stress: A new animal model to examine psychological stress-induced depression. Department of Psychology Research Colloquium. Host: Joseph Wellman. California State University San Bernardino (CSUSB), San Bernardino, CA.
30. **Iñiguez SD.** (2018, June 30th). Research Presentation: Exposure to fluoxetine during adolescence in female C57BL/6 mice results in an anxiogenic-like behavioral phenotype in adulthood. Oral Session 2, Chair: Davide Amato. International Behavioral Neuroscience Society (IBNS), Boca Raton, FL.
31. **Iñiguez SD.** (2018, August 9th). Research Presentation: Rodent models of depression: Behavioral and pharmacological perspectives. American Psychological Association (APA), San Francisco, CA.
32. **Iñiguez SD.,** Zavala AR, Bolaños-Guzman CA. (2019, February 15th). Research Panel. Enduring effects of psychotropic drugs and stress across development. Title of Presentation: *Fluoxetine history impairs spatial memory in male, but not female, C57BL/6 mice*. Host: Ulises Ricoy, Ph.D., Department of Biology, Chemistry, and Environmental Science, Northern New Mexico College, Española, NM.
33. **Iñiguez SD.** (2019, March 11th). Research Presentation: Rodent models of depression: Behavioral and pharmacological perspectives. College of Health and Human Development, Biobehavioral Health (BBH) Departmental Colloquium Series. Host: Helen M. Kamens, Ph.D., The Pennsylvania State University, University Park, PA.
34. **Iñiguez SD.** (2019, June 27th). Research Seminar: Behavioral and pharmacological studies to examine major depressive disorder. Department of Psychology, SMART-MiND Summer Research Program. Host: Laura O'Dell, Ph.D., UTEP, El Paso, TX.
35. **Iñiguez SD.** (2019, September 12th). Research Presentation: Rodent models of depression: Behavioral and pharmacological approaches. Department of Psychology Colloquium Series. Host: Wendy Francis, Ph.D., UTEP, El Paso, TX.
36. **Iñiguez SD.** (2019, September 27th). Research Presentation: Antidepressant exposure during adolescence alters preference for cocaine in adulthood. Fall Diversity Conference in Biomedical Sciences. Department of Pharmacology. Host: Sade Spencer, Ph.D., University of Minnesota Medical School, Minneapolis, MN.
37. **Iñiguez SD.** (2020, August 14th). Virtual Presentation: The (a)typical path of a neuroscientist. Department of Psychology. Host: Laura O'Dell, Ph.D., UTEP, El Paso, TX.
38. **Iñiguez SD.** (2020, September 4th). Virtual Presentation: The (a)typical path of a neuroscientist. Department of Psychology. Host: Arturo Zavala, Ph.D., California State University, Long Beach, CA.
39. **Iñiguez SD.** (2020, October 5th). Virtual Research Presentation: Preclinical models for the study of depression-related phenotypes: Behavioral and pharmacological approaches. School of Pharmacy. Host: Ian Mendez, Ph.D., UTEP, El Paso, TX.
40. **Iñiguez SD.** (2020, October 30th). Virtual Research Presentation: Behavioral and pharmacological preclinical approaches to study mood-related disorders. California State University Cross-campus

Neuroscience Research Group. Host: Arturo Zavala, Ph.D., California State University, Long Beach, CA.

41. **Iñiguez SD**. (2021, January 29th). *Research Presentation*: Behavioral and pharmacological preclinical approaches to study mood-related disorders. Cognition, Brain & Behavior Graduate Seminar. Host: Nathan Pentkowski, Ph.D., The University of New Mexico, Albuquerque, NM.
42. **Iñiguez SD**. (2021, June 5th). *Research Symposia*: Ketamine: The good, the bad, and the potential ugly. Effects of adolescent ketamine exposure for cocaine-induced reward in adulthood. Chairs: Linda Perrotti and Carlos Bolaños. International Behavioral Neuroscience Society (IBNS), Puerto Vallarta, Jalisco, Mexico.
43. **Iñiguez SD**. (2021, June 10th). *Research Seminar*: The (a)typical journey of a behavioral neuroscientist. Department of Psychology, SMART-MiND Summer Research Program. Host: Laura O'Dell, Ph.D., UTEP, El Paso, TX.
44. **Iñiguez SD**. (2021, December 4th). *Keynote Speaker*: The (a)typical journey of a behavioral neuroscientist. Center for Underrepresented Research in Addiction (CURA) workshop, San Juan, Puerto Rico. Host: Gonzalo Torres, Ph.D., The City College of New York.

ABSTRACTS AND POSTER PRESENTATIONS (since joining UTEP in 2016). [‡]Student co-author.

1. [‡]Flores-Ramirez FJ and **Iñiguez SD**. (2016). Enduring effects of Prozac on spatial memory performance in adolescent and adult male c57bl/6 mice. Poster. ARMADILLO (Association for Research on Memory, Attention, Decision Making, Intelligence, Language, Learning, and Organization) research conference, El Paso, TX.
2. Treesukosol Y, **Iñiguez SD**, Moran TH. (2016). Fluoxetine administration during adolescence decreases chow intake via meal size but does not alter meal patterns later in life. Poster. Society for Neuroscience (SfN), San Diego, CA.
3. [‡]Flores-Ramirez FJ, [‡]Sanchez DO, [‡]Garcia I, [‡]Gonzalez C, Zavala AR, **Iñiguez SD**. (2016). Altered sensitivity to the rewarding properties of cocaine in adult female c57bl/6 mice exposed to fluoxetine during adolescence. Poster. Society for Neuroscience (SfN), San Diego, CA.
4. Hernandez K, Salinas BJ, Abella AV, **Iñiguez SD**, Zavala AR. (2016). Zolmotriptan, a serotonin-1B receptor agonist, modulates the rewarding properties of nicotine in female and male adolescent rats. Poster. Society for Neuroscience (SfN), San Diego, CA.
5. Chandra R, Engeln M, [‡]Riggs LM, Francis C, Das S, Girven K, Amgalan A, Jensen L, Konkalmatt P, Gancarz A, Golden S, Turecki G, Russo S, **Iñiguez SD**, Dietz D, Lobo MK (2016). Mitochondrial fission in nucleus accumbens projection neurons subtype promotes cocaine behavioral plasticity. Poster. Society for Neuroscience (SfN), San Diego, CA.
6. **Iñiguez SD**, [‡]Flores-Ramirez FJ, [‡]Garcia I, [‡]Sanchez DO, [‡]Riggs LM, [‡]Alipio JB. (2016). Altered sensitivity to cocaine in adult female C57BL/6 mice exposed to fluoxetine during adolescence. Poster. American College of Neuropsychopharmacology (ACNP), Hollywood, FL.
7. [‡]Flores-Ramirez FJ, [‡]Tellez GF, [‡]Castillo SA, **Iñiguez SD**. (2017). Decreased sensitivity to the rewarding properties of cocaine in adult female c57bl/6 mice exposed to fluoxetine during

- adolescence. Poster. Behavior, Biology, and Chemistry (BBC) Translational Research in Addiction, San Antonio, Texas.
8. Berru E, **Iñiguez SD**, Goetz C, Silberman KM, Newell EE, Wilkins CL. (2017). Masculinity threats: Evaluations of male and female targets based on masculinity and sexuality. Poster. European Association of Social Psychology (EASP), Granada, Spain.
 9. ^ΨFlores-Ramirez FJ, ^ΨGarcia I, ^ΨCastillo SA, ^ΨMiramontes TG, ^ΨArenivar M, ^ΨPreciado-Piña J, **Iñiguez SD**. (2017). Juvenile exposure to fluoxetine induces an enduring anxiogenic-like behavioral profile in female c57bl/6 mice. Poster. Society for Neuroscience (SfN), Washington, D.C.
 10. ^ΨGarcia I, ^ΨCastillo SA, ^ΨSanchez DO, ^ΨFlores-Ramirez FJ, **Iñiguez SD**. (2017). Effects of ketamine and chlordiazepoxide on social behavior after vicarious defeat stress exposure in female c57bl/6 mice. Poster. Society for Neuroscience (SfN), Washington, D.C.
 11. Chandra R, Engeln M, Patton M, Martin JA, Werner C, ^ΨRiggs LM, Francis TC, Das S, Girven K, Konkalmatt P, Gancarz AM, Golden SA, **Iñiguez SD**, Russo SJ, Turecki G, Mathur B, Meaghan C, Dietz DM, Lobo MK. (2017). Mitochondrial fission in nucleus accumbens D1 neuron subtypes mediates cellular and behavioral plasticity to cocaine. Poster. Society for Neuroscience (SfN), Washington, D.C.
 12. **Iñiguez SD**, ^ΨFlores-Ramirez FJ, ^ΨGarcia I, Lobo MK, ^ΨCastillo SA, ^ΨArenivar M, ^ΨLira O, (2017). Vicarious defeats stress-induced social dysfunction is ameliorated by ketamine and chlordiazepoxide in female c57bl/6 mice. Poster. American College of Neuropsychopharmacology (ACNP), Palm Desert, CA.
 13. Franco D, Cabrera R, Hernandez K, **Iñiguez SD**, Zavala A. (2018). Administration of Zolmitriptan, a 5-HT_{1B} receptor agonist, attenuates the expression of nicotine reward in female, but not male adolescent rats. Poster. California State University Program for Education and Research in Biotechnology (CSUPERB), Santa Clara, CA.
 14. Blevins K, Franco D, Brown Y, **Iñiguez SD**, Zavala A. (2018). Pattern of drug dosing during conditioning affects the expression of alcohol-induced conditioned place preference in adolescent male and female rats. Poster. California State University Program for Education and Research in Biotechnology (CSUPERB), Santa Clara, CA.
 15. Manoogian A, Brown Y, Geraghty C, **Iñiguez SD**, Zavala A. (2018). Sex differences in oxycodone-induced conditioned place preference in early adolescent male and female rats. Poster. California State University Program for Education and Research in Biotechnology (CSUPERB), Santa Clara, CA.
 16. **Iñiguez SD**, ^ΨFlores-Ramirez FJ, ^ΨGarcia I, Lobo MK, ^ΨCastillo SA, ^ΨThemann A, ^ΨRodriguez M, Zavala AR. (2018). Vicarious defeat-stress induced dysfunction is ameliorated by ketamine and chlordiazepoxide in female C57BL/6 mice. Poster. Society of Biological Psychiatry (SOBP), New York, NY.
 17. **Iñiguez SD**, ^ΨFlores-Ramirez FJ, Zavala AR, ^ΨThemann A, ^ΨRodriguez M. (2018). Juvenile fluoxetine exposure induces an enduring anxiogenic-like behavioral profile in female C57BL/6 mice. Poster. The College on Problems of Drug Dependence (CPDD), San Diego, CA.

18. **Iñiguez SD**, ^ψFlores-Ramirez FJ, ^ψGarcia-Carachure I, ^ψCastillo SA, ^ψArenivar M, ^ψLira O. (2018). Psychological stress-induced dysfunction is ameliorated by ketamine and Librium in mice. Poster. American Psychological Association (APA), San Francisco, CA.
19. ^ψGarcia-Carachure I, ^ψCastillo SA, ^ψFlores-Ramirez FJ, ^ψArenivar MA, **Iñiguez SD**. (2018). Prophylactic effects of ketamine in a juvenile model of depression. Poster. National Hispanic Science Network (NHSN), Rockville, MD.
20. ^ψFlores-Ramirez FJ, **Iñiguez SD**. (2018). Fluoxetine exposure in adolescent and adult C57BL/6 mice decreases cocaine and sucrose preference later in life. (2018). Poster. National Hispanic Science Network (NHSN), Rockville, MD.
21. ^ψGarcia I, Zavala AR, **Iñiguez SD**. (2018). Adolescent ketamine pre-exposure does not alter cocaine preference in adult female mice. Poster. Society for Neuroscience (SfN), San Diego, CA.
22. ^ψFlores-Ramirez FJ, Arenivar MA, Themann A, Rodriguez M, Lira O, Preciado-Pina J, Zavala AR, **Iñiguez SD**. (2018). Fluoxetine pre-exposure decreases cocaine and sucrose preference in female mice. Poster. Society for Neuroscience (SfN), San Diego, CA.
23. ^ψCastillo SA, Zavala AR, **Iñiguez SD**. (2018). Juvenile combination treatment with fluoxetine and aripiprazole does not alter cocaine-seeking behavior in adulthood. Poster. Society for Neuroscience (SfN), San Diego, CA.
24. Franco D, Nunes-Larios E, Cabrera RA, **Iñiguez SD**, Zavala AR. (2018). The effects of early-life ketamine administration on the rewarding effects of alcohol in male and female adolescent Sprague-dawley rats. Poster. Society for Neuroscience (SfN), San Diego, CA.
25. ^ψFlores-Ramirez FJ, **Iñiguez SD**. (2018). Fluoxetine exposure in adolescent and adult female mice decreases cocaine and sucrose preference later in life. Poster. American College of Neuropsychopharmacology (ACNP), Hollywood, FL.
26. Franco D, Zamudio J, **Iñiguez S**, Zavala A. (2019). Functional consequences of juvenile ketamine administration on the rewarding effects of ethanol in male and female adolescent rats. Poster. California State University Program for Education and Research in Biotechnology (CSUPERB), Garden Grove, CA.
27. Sortman B, Franco D, Nunez E, Moreno-Barriga C, **Iñiguez S**, Zavala A. (2019). Adolescent male rats exhibit adult-like methamphetamine sensitization in one trial paradigm, while female rats do not. Poster. California State University Program for Education and Research in Biotechnology (CSUPERB), Garden Grove, CA.
28. ^ψCastillo SA, ^ψRodriguez M, ^ψThemann A, ^ψLira O, ^ψPreciado-Piña J, **Iñiguez SD**. (2019). Juvenile combination treatment with fluoxetine and aripiprazole does not alter cocaine-seeking behavior in adulthood. Poster. Behavior, Biology, and Chemistry (BBC) Translational Research in Addiction, San Antonio, Texas.
29. ^ψFlores-Ramirez, ^ψThemann A, ^ψRodriguez M, ^ψLira O, ^ψPreciado-Piña J, **Iñiguez SD**. (2019). Fluoxetine exposure in adolescent and adult female mice decreases cocaine and sucrose preference later in life. Poster. Behavior, Biology, and Chemistry (BBC) Translational Research in Addiction, San Antonio, Texas.

30. [¶]Garcia-Carachure I, [¶]Flores-Ramirez FJ, [¶]Castillo SA, [¶]Rodriguez M, [¶]Preciado-Piña J, [¶]Themann A, [¶]Lira O, **Iñiguez SD**. (2019). Poster. Adolescent ketamine pre-exposure does not alter cocaine preference in adult female C57BL/6 mice. Poster. Behavior, Biology, and Chemistry (BBC) Translational Research in Addiction, San Antonio, Texas.
31. **Iñiguez SD**, [¶]Flores-Ramirez FJ. (2019). Fluoxetine exposure in adolescent and adult female mice decreases cocaine and sucrose preference later in life. Poster. International Drug Abuse Research Society (IDARS), Casablanca, Morocco.
32. [¶]Themann A, [¶]Lira O, [¶]Flores-Ramirez FJ, **Iñiguez SD** (2019). Aggression alters mood-related behavior in adult sexually experienced male CD-1 mice. Poster. Society for Neuroscience (SfN), Chicago, IL.
33. [¶]Rodriguez M, [¶]Flores DJ, **Iñiguez SD** (2019). Vicarious social defeat stress induces depression-related outcomes in a sex-specific manner in adolescent C57BL/6 mice. Poster. Society for Neuroscience (SfN), Chicago, IL.
34. [¶]Garcia-Carachure I, [¶]Flores-Ramirez FJ, **Iñiguez SD** (2019). Upregulation of hippocampal extracellular signal-regulated kinase (ERK)-2 induces antidepressant-like behavior in the rat forced swim test. Poster. Society for Neuroscience (SfN), Chicago, IL.
35. [¶]Flores-Ramirez FJ, [¶]Lira O, [¶]Rodriguez FD, [¶]Preciado-Piña J, [¶]Pardo D, [¶]Castillo SA, **Iñiguez SD** (2019). The enduring anxiogenic phenotype induced by juvenile antidepressant exposure is ameliorated by fluoxetine re-exposure in adult female C57BL/6 mice. Poster. Society for Neuroscience (SfN), Chicago, IL.
36. Matos F, Correa P, Correa V, Carcoba LM, **Iñiguez SD**, Zavala AR, O'Dell LE (2019). Female rats display greater neuronal activation in the interpeduncular nucleus during nicotine withdrawal than males. Poster. Society for Neuroscience (SfN), Chicago, IL.
37. **Iñiguez SD**, [¶]Flores-Ramirez FJ (2019). Poster. The enduring anxiogenic phenotype induced by juvenile antidepressant exposure is ameliorated by fluoxetine re-exposure in adult female C57BL/6 mice. Poster. American College of Neuropsychopharmacology (ACNP), Orlando, FL.
38. Faiyaz O, Coyne B, Sortman B, Nunez E, **Iñiguez SD**, Zavala AR (2020). Ontogeny of context-dependent methamphetamine sensitization using a one-trial behavioral sensitization paradigm. Poster. California State University Program for Education and Research in Biotechnology (CSUPERB), Santa Clara, CA.
39. Gonzalez T, Tyler N, Nunez E, Coyne B, Mehta R, **Iñiguez SD**, Zavala AR (2020). Neonatal caffeine administration on the behavioral sensitization to methylphenidate (Ritalin): Implications for ADHD. Poster. California State University Program for Education and Research in Biotechnology (CSUPERB), Santa Clara, CA.
40. [¶]Garcia-Carachure I, [¶]Preciado-Piña, **Iñiguez SD** (2020). Enduring effects of juvenile ketamine exposure for the rewarding properties of cocaine and sucrose in mice. Poster. Behavior, Biology, and Chemistry (BBC) Translational Research in Addiction, San Antonio, Texas.
41. [¶]Castillo SA, [¶]Pardo DI, **Iñiguez SD** (2020). Combination treatment with fluoxetine and aripiprazole leads to decreases in cocaine-seeking behavior in adult female C57BL/6 mice. Poster. Behavior, Biology, and Chemistry (BBC) Translational Research in Addiction, San Antonio, Texas.

42. [¶]Themann A, [¶]Gonzalez A, **Iñiguez SD** (2020). Aggression modulates responses to mood-related stimuli in male CD-1 mice. Poster. Behavior, Biology, and Chemistry (BBC) Translational Research in Addiction, San Antonio, Texas.
43. [¶]Garcia-Carachure I, **Iñiguez SD** (2020). Lasting effects of concomitant exposure to ketamine and social stress on spatial memory performance in male C57Bl/6 mice. Datablitz. ARMADILLO (Association for Research on Memory, Attention, Decision Making, Intelligence, Language, Learning, and Organization) research conference (virtual conference, 10/03/2020).
44. **Iñiguez SD**, Flores-Ramirez FJ (2020). Adolescent fluoxetine treatment mediates a long-term anxiogenic phenotype in female C57BL/6 mice that is ameliorated by fluoxetine re-exposure in adulthood. American College of Neuropsychopharmacology (virtual conference, 12/07/2020).
45. Nelson TM, Pham DQ, Franco D, Bates EA, Gonzalez TA, **Iñiguez SD**, Arturo R. Zavala (2021). Dose-dependent differences of ethanol-induced conditioned place preference in juvenile and adolescent male and female Sprague-Dawley rats. Poster. Society for Neuroscience (SfN) Global Connectome (virtual conference, 01/11/2021).
46. [¶]Garcia-Carachure I, [¶]Preciado-Piña J, Zavala AR, **Iñiguez SD** (2021). Lasting effects of juvenile ketamine exposure for reward-related stimuli in C57BL/6 mice. Poster. Society for Neuroscience (SfN) Global Connectome (virtual conference, 01/11/2021).
47. [¶]Castillo SA, [¶]Pardo DI, [¶]Amaya C, **Iñiguez SD** (2021). Exposure to concomitant fluoxetine and aripiprazole leads to a depressive-like outcome in adult female C57BL/6 mice. Poster. Society for Neuroscience (SfN) Global Connectome (virtual conference, 01/11/2021).
48. [¶]Rodriguez M, [¶]Flores-Ramirez FJ, **Iñiguez SD** (2021). Adolescent fluoxetine exposure mediates a long-term anxiogenic phenotype and decreases ERK signaling in the hippocampus and prefrontal cortex of female C57BL/6 mice. Poster. Society for Neuroscience (SfN) Global Connectome (virtual conference, 01/11/2021).
49. [¶]Themann A, [¶]Flores-Ramirez FJ, [¶]Lira O, **Iñiguez SD** (2021). Adolescent fluoxetine exposure induces persistent gene expression changes in the hippocampus of adult male C57BL/6 mice. Poster. Society for Neuroscience (SfN) Global Connectome (virtual conference, 01/11/2021).
50. Nelson TM, Pham DQ, Franco D, Bates EA, **Iñiguez SD**, Zavala AR. (2021). Role of sex and dose on ethanol-induced conditioned place preference in adolescent rats. American Psychological Association (APA). Virtual Conference (08/12/2021).
51. [¶]Garcia-Carachure I, [¶]Lira O, [¶]Gonzalez A, [¶]Rodriguez M, [¶]Themann A, **Iñiguez SD**. (2021). Long-term effects of ketamine and/or social stress on spatial memory performance in male mice. American Psychological Association (APA). Virtual Conference (08/12/2021).
52. [¶]Rodriguez M, [¶]Lira O, [¶]Flores-Ramirez FJ, **Iñiguez SD** (2021). Autophagy induction and accumulation of phosphorylated tau in the hippocampus and prefrontal cortex of adult C57BL/6 mice subjected to adolescent fluoxetine treatment. Poster. Society for Neuroscience (SfN), Chicago, IL.
53. Nelson TM, Gonzalez TA, Garcia AK, Pham DQ, Franco D, Bates EA, Ricoy UM, **Iñiguez SD**, Zavala AR. (2021). Sex- and dose-dependent difference in preference for ethanol in preadolescent and adolescent rats. Poster. Society for Neuroscience (SfN), Chicago, IL.

54. ^ψThemann A, ^ψLira O, ^ψFlores-Ramirez FJ, **Iñiguez SD** (2021). Adolescent fluoxetine exposure induces persistent gene expression changes in the hippocampus of adult male C57BL/6 mice. Poster. Society for Neuroscience (SfN), Chicago, IL.
55. ^ψGarcia-Carachure I, ^ψLira O, ^ψCastillo SA, Zavala AR, **Iñiguez SD** (2021). Enduring effects of juvenile ketamine exposure for the rewarding properties of cocaine and sucrose in mice. Poster. Society for Neuroscience (SfN), Chicago, IL.
56. **Iñiguez SD**, ^ψThemann A, Zavala AR (2021). Adolescent fluoxetine exposure induces persistent gene expression changes in the hippocampus of male C57BL/6 mice. Poster. American College of Neuropsychopharmacology (ACNP), San Juan, Puerto Rico.

MENTORING

I have a sincere commitment to advocate for diversity, equity, and inclusion. Specifically, throughout my academic and professional career, my personal goal has been to promote awareness of diverse groups, and provide guidance and support for individuals with diverse backgrounds and life experiences. As a result of my active efforts to include minorities in academic and research-related fields, my laboratory demographics have included Women, Asians, Latinos, African-Americans, Native-Americans, LGBT and gender non-conforming students – all working side-by-side in a welcoming atmosphere that strengthens mutual respect and teamwork. Collectively, this has provided an enriching environment that benefits problem-solving, nurtures good citizenship, and ultimately facilitates the advancement of scientific discovery. My commitment to diversity is reflected by the inclusion of undergraduate and graduate students, as well as postdoctoral fellows, as co-authors in most of my published work as an independent investigator. Importantly, after getting research training in my lab, students frequently move on to research/medical/academic-related careers (including PhD, MD, PsyD, MA, and PharmD programs). For a list of trainees see the Table below (current lab members are in **bold**):

Lab Trainees: Undergraduate, Graduate, and Postdoctoral Research Trainees

	Name (BOLD / <i>italics</i> =current)	CSUSB (2012-2016)	UTEP (2016-present)	Program after leaving the lab (<u>underline</u> =program completion)
1.	Esmeralda Aguilera		2021 SMART-MiND	Undergraduate student at Texas Tech University Health Sciences (El Paso, TX)
2.	Paula Akwaboah	Undergraduate Research Lab Assistant		<u>Masters in Forensic Psychology at California Baptist University</u>
3.	Jason B. Alipio	RISE / Undergraduate Honors Program		Ph.D. in Neuroscience at the University of Maryland School of Medicine
4.	Amaka Anyiwo	Undergraduate Research Lab Assistant		<u>Masters in Forensic Psychology at California Baptist University</u>
5.	Carolina Amaya		Undergraduate Research Volunteer	-PATHS fellow at Yale Medical School -Postbaccalaureate program at The University of California, Irvine (Fall 2021)
6.	Adolfo Andazola-Carmona		2018 SMART-MiND	Undergraduate student at Idaho State University
7.	Miguel Arenivar		MERITUS	Ph.D. in Neuroscience at Brown University
8.	Raisa Ahmed	Undergraduate Research Volunteer		<u>Psy.D. in Counseling Psychology at Northwest University (Kirkland, Washington)</u>

	Name (BOLD/italics=current)	CSUSB (2012-2016)	UTEP (2016-present)	Program after leaving the lab (underline=program completion)
9.	Samuel A. Castillo		RISE undergraduate/ Ph.D. student in Biological Sciences	
10.	Victor Cao	Undergraduate Research Volunteer		<u>Medical School at Loma Linda University (Loma Linda, CA)</u>
11.	Jose Chavez		Undergraduate Research Volunteer 2017- 2018	Undergraduate student at UTEP
12.	Bryan Cruz	RISE / Undergraduate Honors Program		<u>Ph.D. Behavioral Neuroscience at UTEP</u> *Now Postdoc at Scripps (La Jolla, CA)
13.	Elizabeth Diaz		2021 SMART- MiND	Undergraduate student at UTEP (Department of Biological Sciences)
14.	Alyssa Downey		2017 Undergraduate Honors Project	Medical School at Texas Tech University Health Sciences (El Paso, TX)
15.	Genesis Dayrit	MARC		Undergraduate student at CSUSB
16.	Francisco Flores- Ramirez		Ph.D. Student in Behavioral Neuroscience Program	Postdoctoral Fellow at Scripps Research (La Jolla, CA)
17.	Israel Garcia- Carachure	RISE undergraduate	2016 SMART- MiND / Ph.D. Student in Behavioral Neuroscience	
18.	Alejandra Gonzalez		Undergraduate Research 2019- 2020	Undergraduate student at UTEP
19.	Anita Gonzalez	Undergraduate Research Volunteer		<u>Masters in Educational and Clinical Counseling at Azusa Pacific University</u>
20.	Celene Gonzalez	Undergraduate Research Volunteer		<u>M.A. in Psychological Science at CSUSB</u>
21.	Mirella A. Hernandez	DIDARP		Ph.D. in Neuroscience at the University of Michigan
22.	Elizabeth Jasso-Flores	Undergraduate Research Volunteer		Undergraduate student at CSUSB
23.	Omar Lira		ACSScellence	Undergraduate student at UTEP
24.	Tania Miramontes		2017 BUILD undergraduate	Ph.D. in Neuroscience at Oregon Health & Science University
25.	Lisa Motley	Masters program in Psychological Science		<u>Master of Social Work at George Fox University</u>

	Name (BOLD/italics =current)	CSUSB (2012-2016)	UTEP (2016-present)	Program after leaving the lab (<u>underline</u> =program completion)
26.	Steven J. Nieto	DIDARP / Undergraduate Honors Program		<u>Ph.D. in Behavioral Neuroscience at the University of Houston</u> **NIH-NRSA recipient (F31 and F32) . Now Postdoc at UCLA
27.	Chien Originales	Undergraduate Research Volunteer		<u>Pharm.D. at Keck Graduate Institute, Claremont, CA</u>
28.	<i>Diamond Pardo</i>		2019 SMART-MiND	Undergraduate at UTEP
29.	Anrick Perez		RISE	Undergraduate at UTEP
30.	Joshua Preciado-Piña		BUILD	Undergraduate at UTEP (Chemistry Major)
31.	Lace M. Riggs	DIDARP		Ph.D. in Neuroscience at the University of Maryland School of Medicine.
32.	Carlos I. Rodriguez		Postdoc	VIDA-CARTT Fellow (transferred to O'Dell Lab at UTEP)
33.	Flor Rodriguez		Undergraduate Research Volunteer	Master of Social Work at New Mexico State University
34.	Minerva Rodriguez		Ph.D. Student in Behavioral Neuroscience Program	
35.	Ricardo Rodriguez	DIDARP		Undergraduate at CSUSB
36.	David Sanchez	RISE	2017 SMART-MiND	Undergraduate at CSUSB
37.	Jorge A. Sierra-Fonseca		Postdoc	Assistant Professor, Chatham University (Pittsburgh, PA)
38.	Kristi Shawhan	MARC		Ph.D. in Clinical Psychology-Neuropsychology at Palo Alto University
39.	Michelle J. Stone	Undergraduate Honors Program		<u>M.A. in Psychological Science at CSUSB</u>
40.	Gladys Tellez		Undergraduate Research Volunteer	Masters of Rehab Counseling at UTEP
41.	Anapaula Themann		Ph.D. Student in Behavioral Neuroscience Program	
42.	Marcela Tinajero-Ojeda		RISE	2021 Summer program at University of Minnesota Twin Cities
43.	Norma N. Zamora	Undergraduate Research Volunteer		<u>Ph.D. in Neuroscience at the University of Buffalo School of Medicine</u>

Name (BOLD/italics=current)	CSUSB (2012-2016)	UTEP (2016-present)	Program after leaving the lab (<u>underline=program completion</u>)
ACSScellence: Achieve Career Success in Science (NSF)			
BUILD: Building Infrastructure Leading to Diversity (NIH)			
CSUSB: California State University San Bernardino			
DIDARP: Diversity-promoting Institutions Drug Abuse Research Program (NIH)			
MARC: Maximizing Access to Research Careers (NIH)			
MERITUS: Mentored Experiences in Research, Inquiry, and Creativity for Undergraduate Scholars			
RISE: Research Training Initiative for Student Enhancement (NIH)			
SMART-MiND: Summer Mentoring and Research Training: Methods in Neuroscience and Drug-abuse (NIH)			
UTEP: The University of Texas at El Paso			
VIDA-CARTT: Vulnerability Issues in Drug Abuse: Career and Research Trans-disciplinary Training (NIH)			

COMPLETED RESEARCH SUPPORT

- 2009-2011 **NIH-NRSA F31102700**. Principal Investigator. NIDA. Project title: Long-term consequences of antidepressant exposure during adolescence in male rats. Role: Principal Investigator. Total costs: **\$95,202**.
- 2012-2013 National Hispanic Science Network on Drug Abuse (NHSN). 2012 ECLC Pilot Funding Program Award. Role: Principal Investigator. Total Costs: **\$5,000**.
- 2012-2015 **NIH-DIDARP R24DA033877**. Principal Investigator: Cynthia Crawford, CSUSB. NIDA. Individual project title: Consequences to reward systems after antidepressant exposure during early development. Role: Project Leader. Total costs: **\$192,761**.
- 2013-2015 College of Social and Behavioral Sciences. California State University San Bernardino (CSUSB) Research Mini Grant. Role: Principal Investigator. Total Costs: **\$8,000**.
- 2013-2014 College of Social and Behavioral Sciences, CSUSB. Summer Research Fellowship. Role: Principal Investigator. Total Costs: **\$6,000**.
- 2013-2014 California State University Program for Education and Research in Biotechnology (CSUPERB). New Investigator Research Award. Role: Principal Investigator. Total Costs: **\$15,000**.
- 2014-2015 California State University Program for Education and Research in Biotechnology (CSUPERB). Research Development Grant. Role: Principal Investigator. Total Costs: **\$11,680**.
- 2015-2018 **NIH-SC2 1SC2GM109811-01A1**. NIGMS. Project title: Functional Studies of antidepressant exposure during adolescence on the brain. Role: Principal Investigator. Total costs: **\$429,940**.

CURRENT RESEARCH SUPPORT

- 2016-2021 The University of Texas system. Faculty Science and Technology Acquisition and Retention (STARS) program. Role: Principal Investigator. Total costs: **\$525,000**.
- 2018-2022 **NIH-SC3 1SC3GM130467-01**. NIGMS. Project title: Enduring Effects of Juvenile Ketamine Exposure. Role: Principal Investigator. Total Costs: **\$339,750**.

- 2020-2022 The University of Texas at El Paso. IDRB Seed Grant. Project title: Vole Social Defeat: A preclinical study to model the neurobiology of depression. Role: Principal Investigator. Total Costs: **\$20,000**.
- 2021 The University of Texas at El Paso. Career Enhancement Award - College of Liberal Arts. Project title: Vicarious social defeat stress: A novel model of psychological stress-induced depression. Role: Principal Investigator. Total Costs: **\$5,000**.

PENDING RESEARCH SUPPORT

- 2022-2026 **NIH-R16**. Support for Research Excellence (SuRE) program. Project title: Psychological stress susceptibility in juvenile female and male mice. Role: Principal Investigator. Total costs: **\$608,000**.