

EDUCATION

- 2019 Ph.D.** **Pharmacology**
University of Texas Health Science Center at San Antonio
(UTHSCSA), Graduate School of Biomedical Science
Department of Pharmacology, San Antonio, TX
- 2013 B.A.** **Psychology**
California State University Long Beach
(CSULB), Department of Psychology, Long Beach, CA

POSITIONS HELD

- 2024-present** **Assistant Professor, University of Texas**, Department of
Psychology, El Paso, TX
- 2020- 2023** **Postdoctoral Scholar, University of Washington**, Department
of Psychiatry and Behavioral Sciences, Seattle, WA
- 2018-2019** **Graduate Research Assistant, Oklahoma Medical Research
Foundation (OMRF)**, Department of Aging and Metabolism,
Oklahoma City, OK
- 2013-2019** **Graduate Research Assistant, UTHSCSA**, Department of
Cellular and Integrative Physiology, San Antonio, TX
- 2012-2013** **Research Assistant, CSULB**, Zavala Laboratory, Department of
Psychology, Long Beach, CA

PEER-REVIEWED PUBLICATIONS – [GOOGLE SCHOLAR LINK](#)

- Tschumi C.W.**, Blankenship H.E., Sharma R., Lynch W.B., Beckstead M.J. (2022). Neurotensin release from dopamine neurons drives long-term depression of substantia nigra dopamine signaling. *J Neurosci.*, 42(32), pp.6186-6194, Impact Factor 6.17
 - Gamal El-Din T.*, Lantin T.*, **Tschumi C.W.***, Juarez B., Quinlan M., Hayano J.H., Li J., Zweifel L.S., Catterall W.A. (2021) Autism-associated mutations in KV7 channels induce gating pore current. *Proc Natl Acad Sci.*, Impact Factor 11.2
- * These Co-First Authors contributed equally to this work
- Tschumi, C.W.**, Daszkowski, A., Sharpe, A., Trzeciak, M., and Beckstead, M.J. (2019). Ethanol self-administration increases sensitivity to methamphetamine in mice. *Addiction Biology*, e12763., Impact Factor 4.28
 - Newman, A.H, Cao, J., Keighron, J.D., Jordan, C.J., Bi, G.H., Liang, Y., Abramyan, A.M., Avelar, A.J., **Tschumi, C.W.**, Beckstead, M.J., Shi, L., Tanda, G., Xi, Z.X. (2019). Translating the atypical dopamine uptake inhibitor hypothesis toward therapeutics for treatment of psychostimulant use disorders. *Neuropsychopharmacology*, 44(8), 1435-1444., Impact Factor 7.853
 - Gomez, J. A., Perkins, J., Beaudoin, G., Cook, N., Quraishi, S.A., Szoeki, E., Thangamani, K., **Tschumi, C.W.**, Wanat, M.J., Maroof, A.M., Beckstead, M.J., Rosenberg, P., Paladini,

Christopher W. Tschumi, Ph.D.

- C.A (2019). Ventral tegmental area astrocytes orchestrate avoidance and approach behavior. *Nature communications* 10 (1), 1-13., Impact Factor: 14.92
6. Piccart, E., **Tschumi, C.W.** and Beckstead, M.J (2019). PCP attenuates D2 autoreceptor signaling in substantia nigra dopamine neurons. *European Journal of Neuroscience* 49 (6), 784-793., Impact Factor: 3.386
 7. **Tschumi, C.W.** and Beckstead, M.J. (2019) Diverse actions of the modulatory peptide neurotensin on central synaptic transmission. *European Neuropsychopharmacology* 29 (3), 444-449., Impact Factor: 4.6
 8. **Tschumi, C.W.** and Beckstead, M.J. (2018) Neurotensin speeds inhibition of dopamine neurons through temporal modulation of GABA_A and GABA_B receptor-mediated synaptic input. *Neuropharmacology* 131, 414–423., Impact Factor: 5.251
 9. Lynch, W.B., **Tschumi, C.W.**, Sharpe, A.L., Branch, S.Y., Chen, C., Ge, G., Li, S. and Beckstead, M.J. (2018). Progressively disrupted somatodendritic morphology in dopamine neurons in a mouse Parkinson's model. *Movement Disorders* 33, 1928-1937., Impact Factor: 10.34
 10. Collins, G.T., Chen, Y., **Tschumi, C.W.**, Rush, E.L., Mensah, A., Koek, W., and France, C.P. (2015) Effects of consuming a diet high in fat and/or sugar on the locomotor effects of acute and repeated cocaine in male and female C57BL/6J mice. *Experimental and Clinical Psychopharmacology* 23, 228-237., Impact Factor: 3.157

FUNDING

Current:

- NARSAD Young Investigator Award, Brain and Behavior Research Foundation (2024-2026) - \$70,000

Completed:

- Ruth Kirschstein **National Research Service Award F32 Postdoctoral Fellowship**, National Institute of Mental Health (2022-2025) - \$210,000
- Murdock Calcium Imaging **Pilot Project Award**, University of Washington (2022) - \$3,750
- John and Mildred Carlson PhD **Scholarship**, Oklahoma Medical Research Foundation (2018) - \$26,000
- Governor's **Scholarship Award**, State of California (2001) - \$1,000
- Governor's **Scholarship Award**, State of California (2000) - \$1,000

ACADEMIC AWARDS AND HONORS

- Outstanding **Poster Award**; Physiology Student Symposium, UTHSCSA, San Antonio, TX (2017)
- Best **Oral Presentation Award**; Behavior, Biology, and Chemistry: Translation Research in Addiction Conference, San Antonio, TX (2017)
- **Outstanding Senior Award** in Psychology, CSULB, Long Beach, CA (2013)
- Psychology **Honors Program** CSULB, Long Beach, CA (2012-2013)
- **Poster Award**, Psych Day Research Fair, CSULB, Long Beach, CA (2013)
- **President's List**, CSULB, Long Beach, CA (Fall 2011, Spring 2012, Fall 2012, Spring 2013)
- **Dean's List**, El Camino Community College, Torrance, CA (Fall 2010, Spring 2011)