

# Antonio Matthew Reck

PhD Candidate

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Department of Psychological Sciences

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## EDUCATION

Ph.D.	University of Connecticut, Storrs, CT Behavioral Neuroscience	2025 (expected)
M.S.	University of Connecticut, Storrs, CT Behavioral Neuroscience <i>Thesis: Determining the Anti-Pruritic Effects of Synthetic Cannabinoids and Terpenes</i>	May 2023
B.S.	West Virginia University, Morgantown, WV Behavioral Neuroscience	December 2020

## PROFESSIONAL EXPERIENCE

2022	Graduate Teaching Associate University of Connecticut - Department of Psychology
2021 – Present	Graduate Research Associate University of Connecticut - School of Nursing <i>Mentor: Steven Kinsey</i>
2019 – 2020	Undergraduate Research Assistant West Virginia University - Department of Psychology <i>Mentor: Cole Vonder Haar</i>

## HONORS & AWARDS

2024	UConn IBACS Summer Fellowship
2022	Trainee Pain Research Grant, UConn Center for Advancement in Managing Pain
2022	Trainee Travel Award, International Cannabinoid Research Society
2020	Graduated Cum Laude from West Virginia University
2016	WVU Promise Scholarship
2016	WVU Shenandoah Scholarship

## **PUBLICATIONS & MANUSCRIPTS**

- Vanegas, S. O., **Reck, A. M.**, Rodriguez, C. E., Marusich, J. A., Yassin, O., Sotzing, G., Wiley, J. L., Kinsey, S. G. (2022). Assessment of dependence potential and abuse liability of  $\Delta^8$ -tetrahydrocannabinol in mice. *Drug Alcohol Depend*, 240. doi: 10.1016/j.drugalcdep.2022.109640.
- Vonder Haar, C., Frankot, M. A., **Reck, A. M.**, Milleson, V., & Martens, K. M. (2022). Large-N rat data enables phenotyping of risky decision-making: A retrospective analysis of brain injury on the Rodent Gambling Task. *Frontiers in Behavioral Neuroscience*, 16. <https://doi.org/10.3389/fnbeh.2022.837654>
- Pechacek, K. M., **Reck, A. M.**, Frankot, M. A., & Vonder Haar, C. (2022). Minocycline fails to treat chronic traumatic brain injury-induced impulsivity and attention deficits. *Experimental Neurology*, 348, 113924. <https://doi.org/10.1016/j.expneurol.2021.113924>
- Rodriguez, C.E., Vanegas, S.O., **Reck A.M.**, Schrom, Y., & Kinsey, S.G. (2024). MAGL and Combined endocannabinoid and cyclooxygenase inhibition additively attenuates postsurgical pain. *Cannabis and Cannabinoid Research*. Under review.
- Reck, A.M.**, Siderovski, D.P., & Kinsey, S.G. (2024). Differential effects of cannabis phytoconstituents in reducing experimental pruritus. *Neuropharmacology*. In preparation.

## **POSTERS & PRESENTATIONS**

- Reck, A.M.**, Siderovski, D.P., & Kinsey, S.G. (2023). Differential effects of  $\Delta^8$ -tetrahydrocannabinol and  $\beta$ -caryophyllene in experimentally-induced pruritus. Oral presentation. Carolina Cannabinoid Collaborative, Raleigh-Durham, NC, USA
- Reck, A.M.**, Siderovski, D.P., & Kinsey S.G. (2023) *Cannabinoids differentially alter experimentally-induced scratching in mice*. Poster presentation. Neuroscience at Storrs Symposium, Storrs, CT, USA
- Reck, A.M.**, Siderovski, D.P., & Kinsey S.G. (2023).  *$\Delta^8$ -THC and  $\beta$ -caryophyllene Differentially Alter Pruritus in Mice*. Poster presentation. International Cannabinoid Research Society, Toronto, Canada.
- Reck, A.M.**, Siderovski, D.P., & Kinsey S.G. (2023). *Differential Effects of Synthetic Cannabinoid and Terpenoid Administration on Experimentally Induced Pruritus*. Poster presentation. Department of Neuroscience Annual Retreat, Farmington, CT, USA
- Reck, A. M.**, & Kinsey, S. G. (2022). *Exploring The Antipruritic Effects of WIN 55,212-2 in Mice*. Oral presentation. UConn Cannabis Symposium, Storrs, CT, USA
- Reck, A. M.**, & Kinsey, S. G. (2022). *WIN 55,212 Reduces Pruritus Through CB<sub>2</sub>*. Poster presentation. Neuroscience at Storrs Symposium, Storrs, CT, USA.

**Reck, A. M., & Kinsey, S. G. (2022).** *WIN 55,212 Reduces Pruritus Through CB<sub>2</sub>*. Poster presentation. Cannabinoid Collaborative Conference, Greenville, NC, USA.

**Reck, A. M., & Kinsey, S. G. (2022).** *The Synthetic Cannabinoid WIN 55,212-2 Reduces Itch Through CB<sub>2</sub>*. Oral presentation. New England Cannabis Research & Education Conference, Eastern Connecticut State University, CT, USA.

**Reck, A. M., Kim, F., & Kinsey, S. G. (2022).** *Cannabinoid and opioid receptor approaches to reducing histamine-induced pruritus*. Poster presentation. International Cannabinoid Research Society, Galway, Ireland.

Wampler, S. K., Fuentes, C. J. A., **Reck, A. M.** & Vonder Haar, C. (2021). *Brain injury increases impulsivity on the rodent gambling task but is not treated by neuromodulation in female rats*. Poster presentation [virtual]. National Neurotrauma Symposium.

**Reck, A. M., & Vonder Haar, C. (2020).** *The Matching Law Fails to Explain Behavior on the Rodent Gambling Task*. Oral presentation [virtual]. Neuroscience Undergraduate Research Virtual Symposium.

## **TEACHING EXPERIENCE**

2023            Pharmacology of Pain and Analgesia (NURS5103), Guest Lecturer  
University of Connecticut – School of Nursing  
*Designed and presented content on treatments for spinal and nerve injuries for delivery to online section of 15 graduate students.*

2022            Fundamental Mechanisms of Acute and Chronic Pain (NURS5101), Guest  
Lecturer  
University of Connecticut – School of Nursing  
*Designed and presented content on treatments for neuropathic pain for delivery to online section of 12 graduate students.*

2022            General Psychology Lab (PSYC1100), Instructor of record  
University of Connecticut – Department of Psychological Sciences  
*Designed and presented content on research methods, delivered in-person to a laboratory section of 30 undergraduate students.*

## **PROFESSIONAL MEMBERSHIPS**

2024-present	UConn Institute for the Brain and Cognitive Sciences
2022-present	International Cannabinoid Research Society
2021-present	UConn Research in Cannabinoids and Hemp Group
2021-present	UConn Center for Advancement in Managing Pain
2021-present	US Association for the Study of Pain