

# Mindy Waite, Ph.D., M.S., CAAB

Curriculum Vitae  
June, 2024  
mwaite@carrollu.edu

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## EDUCATION

- 2003-2007      **B.S., Genetics**, University of Wisconsin – Madison, WI
- 2007-2012      **Ph.D., Molecular Biology**, University of Michigan – Ann Arbor, MI  
Advisor: Donna Martin, MD, PhD. Donita B. Sullivan Research Professor in Pediatrics,  
Professor in Human Genetics.
- 2015-2019      **M.S., Behavior Analysis**, Marquette University – Milwaukee, WI  
Advisor: Tiffany Kodak, PhD, BCBA-D. Assistant Professor in Psychology.

## HONORS/AWARDS

### **Awards**

- 2003-2007      University of Wisconsin-Madison Dean's Honors List
- 2006              Henry Steenbock Scholarship, University of Wisconsin
- 2011              Rackham Student Gov. President's Award, University of Michigan Graduate Student Gov.
- 2011              UM Health System Making a Difference Award, University of Michigan
- 2011              Student Service Award, University of Michigan Cellular & Molecular Biology
- 2019              Marian Breland-Bailey Award, Applied Animal Behavior Special Interest Group
- 2021              Fear Free Research Award, Veterinary Behavior Symposium, American College of  
Veterinary Behaviorists

### **Research Support Awards**

- 2006              Hilldale Undergraduate Research Fellowship, University of Wisconsin
- 2008              Cellular & Molecular Biology Fellowship Award, University of Michigan
- 2009              Rackham Graduate Student Research Grant, University of Michigan Graduate School
- 2010              Regents' Fellowship Award for CMB, University of Michigan Regents
- 2010              Spring/Summer Research Grant Award, University of Michigan
- 2011              Rackham Graduate Student Research Grant, University of Michigan
- 2011              Rackham Predoctoral Fellowship Award, University of Michigan Graduate School
- 2019              Scheik Travel Award, Marquette University
- 2024              Teaching Impact Grant, Carroll University

## PROFESSIONAL POSITIONS

### **Best Paw Forward**

*Pewaukee, WI*

- 2015 - 2018      **Group Canine Training Instructor and Behavior Consultant**  
Led canine training classes, including Puppy, Basic Manners, Puppy Agility, and Agility.  
Focused on teaching clients basic learning principles and training techniques. Provided in-  
home consultation for obedience training or canine behavioral issues.

### **Advocate Aurora Research Institute, Advocate Aurora Behavioral Health Services**

*Milwaukee, WI*

- 2014 - 2019      **Grant Specialist/ Manager of Research Grants and Projects**  
Supervised team responsible for research grants, including project prioritization and quality.
- 2019 - 2022      **Research/Staff Scientist, Behavioral Health**

Led research projects and grants on human behavior (mental health and substance use), including research on behavior analytic interventions, such as contingency management.

**University of Wisconsin – Milwaukee**

*Milwaukee, WI*

2018 - 2022 **Lecturer, Applied Behavior Analysis, 4 cr.**

Taught Psych 502/702, Applied Behavior Analysis, to undergraduate/graduate students, which focused on the application of behavioral principles to human and animal behavior. Performed applied animal behavior research, with a focus on companion canines.

**Animal Behavior Professionals, LLC**

*Milwaukee, WI*

2018 - **Board Certified Applied Animal Behaviorist**

Provides in-home behavior consultation and training services for clients and their dogs. Offers expert witness consultation services to legal cases.

**Virginia Tech**

*Virtual*

2022 - **Lecturer, Behavior Consulting Practicum, 3 cr**

Teaches graduate student-level course with Dr. Kristina Spaulding focusing on different aspects of engaging in animal behavior consulting as a business professional.

**Carroll University**

*Waukesha, WI*

2023 - **Clinical Assistant Professor, Animal Behavior (full-time)**

Teaches animal behavior and psychology courses to undergraduate students majoring in animal behavior or psychology, including pre-veterinary students. Includes lectures and hands-on animal behavior and dog training labs. Performs applied research on dogs.

**Professional/Service Experiences**

- 2009 - 2011 Student Rep., University of Michigan Cellular & Molecular Biology Prog. Committee
- 2010 - 2011 Treasurer/Interim VP, Rackham (Graduate) Student Government
- 2016 - 2022 Reviewer/Editorial Board Member, Journal of Patient-Centered Research and Reviews
- 2018 - 2019 Public Day Coordinator, Animal Behavior Society
- 2019 - Co-director, Certified Applied Animal Behaviorist (CAAB Chat) Podcasts
- 2020 Reviewer, Journal of Applied Behavior Analysis
- 2020 - Reviewer, Animal Behavior Society Student Research Grants
- 2021 Reviewer, Animal Behavior and Cognition
- 2021 - Applied Animal Behavior Committee Member, Animal Behavior Society
- 2022 Reviewer, Journal of Applied Behavior Analysis in Animal Training
- 2022 Reviewer, Journal of Experimental Analysis of Behavior
- 2022 - Co-chair, Interdisciplinary Forum for Applied Animal Behavior Conference
- 2022 EC Reviewer, NIH Study Section: Biobehavioral Regulation, Learning, and Ethology
- 2022 Reviewer, Learning and Motivation
- 2022 - Behavior Expert, Senior Tail Waggers
- 2023 Reviewer, Education and Treatment of Children
- 2023 - Program Board Member, Association for Behavior Analysis International (ABAI)
- 2024 - Committee Member, Carroll University IACUC

**Professional Memberships**

- 2009 - 2012 Member, Society for Neuroscience
- 2014 - 2016 Member, Pet Professional Guild
- 2014 - Member, Animal Behavior Society
- 2016 - Member, Behavior Education Network
- 2017 - Member, Wisconsin Association for Behavior Analysis
- 2017 - Member, Applied Behavior Analysis International; Applied Animal Behavior Interest Group

- 2019 - Member, Certified Applied Animal Behaviorists (Animal Behavior Society)  
2019 - Member, Society for the Quantitative Analysis of Behavior

### **Expert Witness Experience**

- |      |                                    |            |
|------|------------------------------------|------------|
| 2021 | Cohen vs. Wisconsin Humane Society | Consultant |
| 2022 | Matuszak vs. Country Mutual        | Consultant |
| 2023 | Spinasanto vs. Busking             | Consultant |

## **RESEARCH AND RELEVANT EXPERIENCE**

### **Research Experience**

- 2004 - 2007 **Undergraduate Research, Molecular & Cellular Pharm.** *University of Wisconsin*  
*Advisor: Emery Bresnick, PhD*  
Study purpose was to identify the mechanism by which the HDAC inhibitor, Trichostatin A (TSA), inhibits NF-E2 expression in developing blood cells. These studies identified downstream genes regulated by TSA.
- 2007 - 2012 **Doctoral Research, Cellular & Molecular Biology** *University of Michigan*  
*Advisor/PI: Donna Martin, MD, PhD*  
Study to identify the mapping and requirements for the transcription factor, *Pitx2*, in mouse brain development. Results indicated that *Pitx2* is required for multiple aspects of brain development, including cellular migration, differentiation, and axonal development. These requirements are isoform-specific and cell-autonomous.
- 2016 - 2019 **Master's Research, Behavior Analysis** *Marquette University*  
*Advisor/PI: Tiffany Kodak, PhD, BCBA-D* *UW-Milwaukee*  
Study to determine the efficacy of the functional analysis at identifying the function of mouthing behavior in companion canines to identify function-based interventions. Results suggest that the functional analysis can determine the function of mouthing behavior and inform efficacious, targeted interventions.
- 2018 - 2022 **Principal Investigator, Behavior Analysis (animals)** *UW-Milwaukee*  
Research focused on the application of behavior analytic principles and procedures to improve companion animal behavior to maximize welfare for animals and their families.
- 2019 - 2022 **Principal Investigator, Behavioral Health (humans)** *Advocate Aurora Health*  
Tested new behavioral interventions for human behavioral disorders (e.g., substance use disorder) and described existing treatment strategies for behavioral health applications.
- 2023 - **Principal Investigator, Behavior Analysis (animals)** *Carroll University*  
Research program focusing on the development and validation of owner-implemented, cooperative care interventions addressing skill acquisition and problem behavior reduction in companion animals.

### **Teaching Experience**

- 2010 - 2011 **Undergraduate Honors Thesis Instructor** *University of Michigan*  
Instructed undergraduate student in basic lab research and molecular biology concepts.
- 2018 - 2022 **Lecturer** *UW-Milwaukee*  
Instructed undergraduate and graduate students in applied behavior analysis principles and procedures. Course included a laboratory component focusing on intervening on a human or animal behavior, summarized into an APA-formatted report.

- 2022 - **Lecturer** *Virginia Tech*  
Co-lectures with Dr. Kristina Spaulding on animal behavior consulting for graduate-level students. Includes topics such as communicating with clients, developing processes and policies, building and testing intervention protocols, collecting and measuring behavioral data with clients, assessing client fidelity to protocol, working with other professionals, etc. Includes membership on graduate student committees.
- 2023 - **Clinical Assistant Professor** *Carroll University*  
Instructs undergraduate lecture and lab courses in animal behavior, with a particular emphasis on applied behavior analysis and including topics of animal training, biology, genetics, ethology, and business/professional concepts. Courses include both lecture and hands-on modalities. Oversees applied animal behavior research projects with a focus on cooperative care and behavioral interventions in dogs.

## **PUBLICATIONS/PRESENTATIONS**

### **Dissertation**

*Title:* Pleiotropic and Isoform-Specific Functions of PITX2 in Brain Development.

*Committee:* Donna Martin, MD, PhD; Gregory Dressler, PhD; Sue O'Shea, PhD; Phillip Gage, PhD; Robert Thompson, PhD.

### **Thesis**

*Title:* Developing Functional Analysis-informed Interventions to Reduce Mouthing in Dogs

*Committee:* Tiffany Kodak, PhD, BCBA-D; Jeffrey Tiger, PhD, BCBA-D; Carla Lagorio, PhD.

### **Peer-reviewed Publications**

1. **Waite MR**, Skidmore JM, Billi AC, Martin JF, Martin DM. (2011). GABAergic and glutamatergic identities of developing midbrain Pitx2 neurons. *Developmental Dynamics*. 240(2), 333-46. PubMed PMID: [21246650](https://pubmed.ncbi.nlm.nih.gov/21246650/); PubMed Central PMCID: [PMC3079949](https://pubmed.ncbi.nlm.nih.gov/PMC3079949/).
2. Skidmore JM, **Waite MR**, Alvarez-Bolado G, Puelles L, Martin DM. (2012). A novel TaulacZ allele reveals a requirement for Pitx2 in formation of the mammillothalamic tract. *Genesis*, 50, 67-73. PubMed PMID: [21898763](https://pubmed.ncbi.nlm.nih.gov/21898763/).
3. **Waite MR\***, Skaggs K\*, Kaviany P, Skidmore JM, Causeret F, et al. (2012). Distinct populations of GABAergic neurons in mouse rhombomere 1 express but do not require the homeodomain transcription factor PITX2. *Molecular and Cellular Neuroscience*, 49, 32-43. PubMed PMID: [21925604](https://pubmed.ncbi.nlm.nih.gov/21925604/); PubMed Central PMCID: [PMC3244529](https://pubmed.ncbi.nlm.nih.gov/PMC3244529/).  
\*Indicates co-authorship
4. **Waite MR**, Skidmore JM, Micucci JA, Shiratori H, Hamada H, et al. (2013). Pleiotropic and isoform-specific functions for Pitx2 in superior colliculus and hypothalamic neuronal development. *Molecular and Cellular Neuroscience*, 52, 128-39. PubMed PMID: [23147109](https://pubmed.ncbi.nlm.nih.gov/23147109/); PubMed PMCID: [PMC3540135](https://pubmed.ncbi.nlm.nih.gov/PMC3540135/).
5. **Waite MR**, Martin DM. (2015). Axial level-specific regulation of neuronal development: lessons from PITX2. *Journal of Neuroscience Research*, 93(2), 195-8. PubMed PMID: [25124216](https://pubmed.ncbi.nlm.nih.gov/25124216/).
6. Navarrete-Opazo A, Garrison S, **Waite M**. (2020). Molecular Biomarkers for Spinal Muscular Atrophy: A Systematic Review. *Neurology: Clinical Practice*.
7. Ray V, **Waite MR**, Spexarth FC, Korman S, Berget S, Kodali S, Kress D, Guenther N, Murthy VS. (2020). Addiction Management in Hospitalized Patients With Intravenous Drug Use–Associated Infective Endocarditis, *Psychosomatics*.
8. Burek GA, **Waite MR**, Heslin K, Liewen AK, Yaqub TM, Larsen SE. (2021). Low-dose clonidine in veterans with Posttraumatic stress disorder. *J Psychiatr Res*, 137, 480-485.  
<https://doi.org/10.1016/j.jpsychires.2021.03.008>

9. **Waite MR**, Diab S, Adefisoye J. (2022). Virtual behavioral health treatment satisfaction and outcomes across time. *Journal of Patient-Centered Research and Reviews*, 9(3), 158–165.  
<https://doi.org/10.17294/2330-0698.1918>
10. **Waite MR**, Kodak TM. Owner-Implemented Functional Analyses and Reinforcement-Based Treatments for Mouthing in Dogs. (2022). *Behavior Analysis in Practice*, 15, 269–283.  
<https://doi.org/10.1007/S40617-021-00554-Y>
11. **Waite MR**, Harman M, Kodak TM. (2021). Frequency and animal demographics of mouthing behavior in companion dogs in the United States. *Learning and Motivation*, 74.  
<https://doi.org/10.1016/j.lmot.2021.101726>
12. Kodak T, Bergmann S, & **Waite MR**. (2022). Strengthening the procedural fidelity research-to-practice loop in animal behavior. *Journal of the experimental analysis of behavior*, 118(2), 215–236.  
<https://doi.org/10.1002/jeab.780>
13. **Waite MR**, Heslin K, Cook J, Kim A, Simpson M. (2023). Predicting Substance Use Disorder Treatment Follow-Ups and Relapse Across the Continuum of Care at a Single Behavioral Health Center. *Journal of Substance Use and Addiction Treatment*, 147.  
<https://doi.org/10.1016/j.josat.2022.208933>
14. Kodak TM, Bergmann S, **Waite MR**. (invited book chapter, 2023). Strengthening the Research-to-Practice Loop in Treatment Integrity. In JK Luiselli (Ed.), *Applied Behavior Analysis Advanced Guidebook: A Manual for Professional Practice* (2<sup>nd</sup> ed., pp. 33-62). Academic Press.  
<https://doi.org/10.1016/C2016-0-01055-0>
15. **Waite MR**, Kodak TM. (2023). Owner-Implemented Food Preference Assessments for Dogs. *Journal of the Experimental Analysis of Behavior*. <https://doi.org/10.1002/jeab.846>
16. **Waite MR**. (invited book chapter, in preparation for June 2024 submission). In Mehrkam L, Feuerbacher E, and Kalafut K (Ed.), *Applied Animal Behavior Analysis: From Principles to Practice*. Cambridge University Publishing.
17. **Waite MR**, Kodak TM. (manuscript in preparation). Development and Validation of an Owner-Implemented Ear Cleaning Training Protocol for Companion Dogs.

## Presentations

1. **Waite MR**, Billi AC, Skidmore JM, Martin DM. Dual GABAergic and glutamatergic identities of developing midbrain *Pitx2* neurons. University of Michigan CMB Retreat, Kellogg Biological Station, 2012; Hickory Corners, MI.
2. **Waite MR**, Billi AC, Skidmore JM, Martin DM. Dual GABAergic and glutamatergic identities of developing midbrain *Pitx2* neurons. University of Michigan Mouse Club, University of Michigan, 2010; Ann Arbor, MI.
3. **Waite MR**, Skidmore JM, Kaviyany P, Martin, JF Martin, DM. Pleiotropic and isoform-specific functions of PITX2 in the developing midbrain. University of Michigan Cellular & Molecular Biology Symposium, University of Michigan, 2010; Ann Arbor, MI.
4. **Waite MR**, Skidmore JM, Kaviyany P, Martin, JF Martin, DM. Pleiotropic and isoform-specific functions of PITX2 in the developing midbrain. University of Michigan Stem Cell Club, University of Michigan, 2011; Ann Arbor, MI.
5. **Waite MR**, Skidmore JM, Kaviyany P, Martin, JF Martin, DM. Pleiotropic and isoform-specific functions of PITX2 in the developing midbrain. University of Michigan Pediatrics Symposium, 2011; Ann Arbor.
6. **Waite MR**, Skidmore JM, Kaviyany P, Martin, JF Martin, DM. Pleiotropic and isoform-specific functions of PITX2 in the developing brain. University of Michigan Thesis Defense, 2012; Ann Arbor, MI.

7. **Waite MR.** Does chronic SSRI treatment interfere with fear extinction in animals. Interdisciplinary Forum for Applied Animal Behavior; 2014 February; Phoenix, AZ.
8. **Waite MR.** Consultant-initiated follow-up improves client satisfaction and animal outcomes. Interdisciplinary Forum for Applied Animal Behavior; 2015 February; Fort Worth, TX.
9. **Waite MR.** Maximizing the fear extinction process. Interdisciplinary Forum for Applied Animal Behavior; 2016 February; Phoenix, AZ.
10. **Waite MR.** The brain and behavior: a complicated relationship; 2017 February; webinar, Behavior Education Network (Animal Behavior Associates).
11. **Waite MR, Kodak TM.** A functional analysis of dog mouthing on owners. AGSIP Symposium; 2017 May; Milwaukee, WI.
12. **Waite MR, Kodak TM, Bergmann SCJ, Fulton CJ.** Use of the functional analysis to identify the function of mouthing in dogs. Interdisciplinary Forum for Applied Animal Behavior; 2018 February; New Orleans, LA.
13. **Waite MR, Kodak TM, Bergmann SCJ, Fulton CJ.** Use of the functional analysis to identify the function of mouthing in dogs. Animal Behavior Society Conference; 2018 August; Milwaukee, WI.
14. **Waite MR, Garlie N.** Reinforcing meritorious, efficient research using a system-wide study authorization process. Society of Research Administrators International; 2019 April; Chicago, IL.
15. **Waite MR, Kodak TM, Bergmann SCJ, Fulton CJ.** Developing Functional Analysis-Informed Interventions to Reduce Mouthing in Dogs. Association for Behavior Analysis International Conference; 2019 May; Chicago, IL.
16. **Waite MR.** You Can't Reinforce Fear. Animal Behavior Society. 2020 July; Virtual, US.
17. **Waite MR, Harman M, Kodak TM.** Frequency and Animal Demographics of Mouthing Behavior in Companion Dogs in the United States. Animal Behavior Society. 2020 July; Virtual, US.
18. **Waite MR, Harman M, Kodak TM.** Mouthing is Common in Companion Dogs: Biting is in the Eye of the Beholder. Interdisciplinary Forum for Applied Animal Behavior. 2021 May; Virtual, US.
19. **Waite MR, Kodak TM.** Simple Food Preference Assessments for Companion Dogs. Association for Behavior Analysis International. 2021 May; Virtual, US.
20. **Waite MR, Kodak TM.** Simple Food Preference Assessments for Companion Dogs. Animal Behavior Society. 2021 August; Virtual, US.
21. **Waite MR, Kodak TM.** Simple Food Preference Assessments for Companion Dogs. Veterinary Behavior Symposium. 2021 August; Virtual, US.
22. **Waite MR, Kodak TM.** Food Preference Assessments for Companion Dogs. The Pet Professional Guild Geek Week. 2021 November; Virtual, US.
23. **Waite MR, Kodak TM.** Functional Analyses and Reinforcement-Based Treatments for Mouthing in Dogs. The Pet Professional Guild Geek Week. 2021 November; Virtual, US.
24. **Waite MR, Kodak TM, Bergmann S.** Nailed It! Treatment Integrity as a Critical Component for Animal Behavior Interventions. Interdisciplinary Forum for Applied Animal Behavior. 2022 February; Tucson, AZ.
25. **Waite MR, Kodak TM.** Functional Analyses and Reinforcement-Based Treatments for Mouthing in Dogs. Applied Animal Behavior Analysis SIG Virtual Journal Club. 2023 June; Virtual, US.
26. **Waite MR, Kodak TM.** Development and Validation of an Owner-Implemented Ear Cleaning Training Protocol for Companion Dogs. Animal Behavior Society Conference. 2023 July; Portland, OR.

27. **Waite MR**, Pfaller-Sadovsky N. Unravelling Agonistic Behavior: Implications for Behavior Change Practices and the Role of Animal Welfare Standards. Association for Behavior Analysis International. 2024 May; Philadelphia, PA.
28. **Waite MR**, Kodak TM. Development and Validation of Owner-Implemented Protocols for Companion Dogs. Association for Behavior Analysis International. 2024 May; Philadelphia, PA.
29. **Waite MR**, Kodak TM, Whang A. Development and Validation of Owner-Implemented Protocols for Companion Dogs. Veterinary Behavior Symposium. 2024 June; Minneapolis, MN.

### Poster Presentations

1. **Waite MR**, Billi AC, Skidmore JM, Martin JF, Martin DM. PITX2 regulates midbrain neuron migration and neurogenesis in an isoform dosage-dependent manner. Annual Meeting of the Society for Neuroscience, Chicago, October 17-20, 2009.
2. Skidmore JM, **Waite MR**, Martin JF, Puellas L, Martin DM. PITX2 is required for proper projections of neurons in the tectum, tegmentum, hypothalamus, and rostral hindbrain. Annual Meeting of the Society for Neuroscience, Chicago, October 17-20, 2009.
3. **Waite MR**, Billi AC, Skidmore JM, Martin JF, Martin DM. PITX2 regulates midbrain neuron migration and neurogenesis in an isoform dosage-dependent manner. University of Michigan Pediatrics Symposium, Ann Arbor, November 9-10, 2009.
4. **Waite MR**, Billi AC, Skidmore JM, Martin DM. Dual GABAergic and glutamatergic identities for midbrain *Pitx2* neurons. Gordon Conference: Neural Development, Rhode Island, August 15-20, 2010.
5. **Waite MR**, Billi AC, Skidmore JM, Martin DM. Dual GABAergic and glutamatergic identities for midbrain *Pitx2* neurons. University of Michigan Pediatrics Symposium, Ann Arbor, October 11-12, 2010.
6. **Waite MR**, Skidmore JM, Kaviany P, Martin, JF Martin, DM. Pleiotropic and isoform-specific functions of PITX2 in the developing midbrain. Annual Meeting of the Society for Neuroscience, Washington DC, DC, November 12-16, 2011.
7. **Waite MR**, Kodak TM, Bergmann SCJ, Fulton CJ. Use of the functional analysis to identify the function of mouthing in dogs. Midwest Applied Behavior Analysis Conference; 2018 September; Normal, IL.
8. **Waite MR**, Kodak TM, Bergmann SCJ, Fulton CJ, Halbur ME. Developing functional analysis-informed interventions to reduce mouthing in dogs. Wisconsin Applied Behavior Analysis Conference; 2019 August; Milwaukee, WI.
9. Burek G, **Waite MR**, Heslin K, Liewin A, Yaqub T, Larsen S. Low-dose Clonidine in Veterans with Posttraumatic Stress Disorder: A Retrospective Review. Aurora Scientific Day. 2020 May; Milwaukee, WI, US.
10. **Waite MR**, Heslin K, Cook J, Wanninger E, Simpson M, Freeman A. Substance Use Disorder Treatment Outcomes and Transitions at a Large Midwestern Healthcare System. Aurora Scientific Day. 2020 May; Milwaukee, WI, US.
11. Burek G, **Waite MR**, Heslin K, Liewin A, Yaqub T, Larsen S. Low-dose Clonidine in Veterans with Posttraumatic Stress Disorder: A Retrospective Review. Combat PTSD Conference. 2020 October; Virtual, US.
12. **Waite MR**, Heslin K, Cook J, Simpson M. Treatment Outcomes and Program Transition Rates Across Substance Use Treatment Programs. AAH Scientific Day; 2021 May; Milwaukee, WI.
13. **Waite MR**, Heslin K, Cook J, Simpson M. Treatment Outcomes and Program Transition Rates Across Substance Use Treatment Programs. Health Care Systems Research Network; 2022 April; Pasadena, CA.

14. **Waite MR**, Wanninger E, Zucker A, Dizon-Ross R, Sergei C. Using mobile app-based contingency management to reinforce abstinence in a drug epidemic: Is it for everyone? AAH Scientific Day; 2022 May; Milwaukee, WI.

### **CURRENT FUNDING**

Fear Free Grant

PI: Mindy Waite

08/01/2022 – 06/10/2024

Validating a Training Protocol to Increase Cooperation and Reduce Fear, Anxiety, and Stress During Ear Cleaning for Dogs

The purpose of this study is to experimentally test a protocol focused on owners training their own dogs to engage in cooperative care for ear cleaning. Specifically, the protocol uses reinforcers for desired behavior and incorporates choice for the animal and is meant to be performed in the home by owners.

Role: PI

### **COMPLETED/PREVIOUS FUNDING**

N/A, Fear Free Grant

PI: Waite, Mindy

10/30/2020-12/31/2020

Testing a Simple Preference Assessment for Dog Owners

This project is aimed at developing and testing a simple preference assessment which the typical dog owner can use to empirically identify their dog's food and treat preferences, as matching the treat value to the difficulty of the behavioral intervention maximizes the potential outcomes.

Role: PI

N/A, MIT Abdul Latif Jameel Poverty Action Lab (JPAL) Grant

PI: Waite, Mindy

08/24/2020 – 6/30/2022 (extending to 12/31/2022 with other external funding)

Contingency Management Using Incentives to Decrease Opioid Use Behavior

To determine the effectiveness of app-based contingency management (e.g., rewarding desired behaviors) for substance use disorders, including testing various reinforcement schedules

Role: PI

National Institute of Aging (NIA) of the NIH

PI: Zucker, Ariel

TBD

Encouraging Abstinence Behavior in a Drug Epidemic: Does Age Matter?

To determine the effectiveness of app-based contingency management (e.g., rewarding desired behaviors) for substance use disorders, including testing various reinforcement schedules with a specific focus on older adults.

Role: Co-PI

Advancing a Healthier Wisconsin

PI: Barry, Courtney and Waite, Mindy

07/01/2022 – 12/31/2023

Investigating a new model of psychiatric crisis care to improve mental health equity and outcomes

A study describing the patient populations being served by the soon-to-open Mental Health Emergency Center in Milwaukee, WI. The study will also compare outcomes (inpatient relapses and continuity of care access) for patients receiving emergency mental health services at the MHEC versus inpatient treatment at



a standard inpatient unit in Milwaukee using data from the Wisconsin Statewide Health Information Network (WISHIN).

Role: Co-PI

Cures Within Reach

Co-PIs: Burek, Greg and Waite, Mindy

09/01/2022 – 08/31/2023

Pilot Study: Repurposing Low-Dose Clonidine for PTSD in Veterans

Randomized, double-blinded, controlled crossover clinical trial to test clonidine for PTSD in veterans with moderate-to-severe PTSD

Role: Co-PI