

## CURRICULUM VITAE

KENNETH J. LEISING

Aug, 2024

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### ***EDUCATION***

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| Ph.D., Psychology                      | University of California, Los Angeles, 2008                    |
| M.A., Psychology                       | University of California, Los Angeles, 2004                    |
| B.S., Psychology<br>(with distinction) | Texas Christian University, 2003<br>( <i>summa cum laude</i> ) |

### ***CURRENT POSITION***

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| 2023- | Professor, Psychology Dept., Texas Christian University, Fort Worth, Texas, 76129.                     |
| 2019- | Associate Professor, Burnett School of Medicine, Texas Christian University, Fort Worth, Texas, 76129. |

### ***PAST POSITION***

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| 2015 - 2023 | Associate Professor, Psychology Dept., Texas Christian University, Fort Worth, Texas, 76129.                   |
| 2009 - 2015 | Assistant Professor, Psychology Dept., Texas Christian University, Fort Worth, Texas, 76129.                   |
| 2008 - 2009 | Postdoctoral Fellow, Dept. of Neurobiology and Anatomy, University Texas Health Science Center, Houston, Texas |

### ***GRANTS AND FELLOWSHIPS***

#### ***External***

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| 2022 | Status: FUNDED. PI: The Role of Behavioral Utility and Sense of Agency in Affective Reactions to Determinism. Psi Chi (\$1300). |
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- 2011 Status: FUNDED. PI: Neural Imaging of Relational vs. Item-specific learning. University of Michigan – fMRI NIH training grant (\$2000).
- 2009 Status: FUNDED. PI: University of Texas Health Science Center – Houston: NIMH Research Supplements to Promote Diversity in Health-Related Research (PA-05-015) for postdoctoral fellows (\$237,560 project total).
- 2007 Status: FUNDED. PI: APA Committee on Animal Research & Ethics Mentoring Fellowship (\$1,000).
- 2004 Status: FUNDED. PI: National Science Foundation Graduate Fellowship (\$90,000 project total).
- Internal***
- 2020 Status: FUNDED. PI: Comprehensive evaluation of cognitive deficits due to chronic cannabidiol (CBD). Research and Creative Activities Fund, Texas Christian University (\$5782 project total).
- 2017 Status: FUNDED. PI: Investigating Neural and Behavioral Changes in a Spatial Learning Task. Research and Creative Activities Fund, Texas Christian University (\$4015 project total).
- 2017 Status: FUNDED. Co-PI: Bringing EEG to TCU. Capital Equipment Grant, Texas Christian University (\$254,045 project total).
- 2014 Status: FUNDED. PI: Using iPads to improve student learning and research in the course Experimental Psychology: Learning. Instructional Development Grant, Texas Christian University (\$3468 project total).
- 2012 Status: FUNDED. PI: The Role of Timing in the Over-Expectation of Reward. Research and Creative Activities Fund, Texas Christian University (\$3556 project total).
- 2011 Status: FUNDED. PI: The Fundamental Problem of Relational Learning in Autism Spectrum Disorders. Junior Faculty Summer Research Program, Texas Christian University (\$6000 project total).
- 2010 Status: FUNDED. PI: An Analysis of the Roles of Associative Learning and Cognitive Maps in Navigation. Research and Creative Activities Fund, Texas Christian University (\$2906 project total).

- 2010 Status: FUNDED. PI: An Analysis of the Roles of Associative Learning and Cognitive Maps in Navigation. Junior Faculty Summer Research Program, Texas Christian University (\$6000 project total).
- 2008 Status: FUNDED. PI: Psychology Department Summer Teacher Practicum Program, University of California, Los Angeles (\$3,500).
- 2007 Status: FUNDED. PI: Travel Grant, University of California, Los Angeles (\$400).

### **AWARDS**

- 2013 Nominated for the Wassenich Mentoring Award
- 2008 Nominated for the Joseph A. Gengerelli Distinguished Dissertation Award
- 2007 Graduate Division Dissertation Year Award, University of California, Los Angeles (\$20,000 total).
- 2007 Excellence in Research Award, University of California, Los Angeles (\$1,500 total).
- 2007 Who’s Who Among American Teachers®

### **REFEREED PUBLICATIONS**

**WS H-index = 9**

**WS Citation Avg. = 16.37**

**Google H-index = 13**

**Google Citation Avg. = 36.65**

Authors: \* TCU Graduate Student

\*\* TCU Undergraduate Student

**Leising, K. J., & Stahlman, W. D.** (2024). Toward a Selectionist Future in Comparative Cognition. *Comparative Cognition & Behavior Reviews*, *19*, 37-41.

Solórzano-Restrepo\*, J., & **Leising, K. J.** (2024). Protection from interference by a retro-cue in a visual working memory task. *Revista Latinoamericana de Psicología*, *56*, 156-163.

Stahlman, W. D., & **Leising, K. J.** (2024). The behavioral origins of phylogenetic responses and ontogenic habits. *Journal of the Experimental Analysis of Behavior*, *121*(1), 27-37.

- Bond\*, S. R., Nerz\*, J., Jones\*\*, S., Pittman\*\*, T., Jones\*\*, N., & **Leising, K. J.** (2023). The effects of feature extinction in dual-response feature-positive discriminations. *Journal of Experimental Psychology: Animal Learning and Cognition*, *49*(4), 273-288.
- Leising, K. J.**, Elliott\*, C. R., Nerz\*\*, J., Magnotti, J., & Wright, A. A. (2023). Properties of Iconic and Visuospatial Working Memory in Pigeons and Humans Using a Location Change-Detection Procedure. *Learning & Behavior*, *51*, 228–245.
- Stahlman, W. D., Elliott\*, C. R., & **Leising, K. J.** (2021). Devaluation of a conditioned reinforcer requires its reexposure. *Quarterly Journal of Experimental Psychology*, *74*(7), 1305–1311.
- Leising, K. J.**, Jacqmain\*, J., Elliott\*, C., Wolf\*, J., Taylor\*, J., Cleland\*, L. M., Lee\*\*, R., Magnotti, J., & Wright, A. A. (2019). Sensory and working memory in a spatial change-detection task by pigeons and humans. *Behavioural processes*, *169*.
- Stahlman, W. D. & **Leising, K. J.** (2018). The coelacanth still lives: Bringing selection back to the fore in a science of behavior. *American Psychologist*, *73*(7), 918-929.
- Cleland\*, L. M., Ruprecht\*, C. M., Lee\*\*, R. V., & **Leising, K. J.** (2017). The Influence of Landmark Stability on Control by Occasion Setters. *Behavioural Processes*, *137*, 84-97.
- Stahlman, W. D. & **Leising, K. J.** (2016). Midsession shifts in reward probability and the control of behavioral variability. *Learning & Behavior*, *44*(3), 270-282.
- Wong, J., **Leising, K. J.** & Blaisdell, A. P. (2016). Spatial overshadowing in pigeons: Evidence for an acquisition deficit. *International Journal of Comparative Psychology*, *29*.
- Leising, K. J.**, Hall\*\*, J. S., Wolf\*, J. E., & Ruprecht\*, C. M. (2015). Occasion setting during a spatial-search task with pigeons. *Journal of Experimental Psychology: Animal Learning and Cognition*, *41*(2), 163-78.
- Leising, K. J.**, Wong, J., & Blaisdell, A. P. (2015). Extinction and spontaneous recovery of spatial behavior in pigeons. *Journal of Experimental Psychology: Animal Learning and Cognition*, *41*(4), 371.

- Leising, K. J.,** Wong, J., Ruprecht\*, C. M., & Blaisdell, A. P. (2015). Blocking between landmarks during 2-D (touchscreen) and 3-D (ARENA) search tasks with pigeons. *Learning & Behavior*, *42*(4), 357-364.
- Leising, K. J.,** Ruprecht\*, C. R., & Stahlman, W. D. (2014). Modulation of variation by response-reward spatial proximity. *International Journal of Comparative Psychology*, *27*(2), 326-337.
- Ruprecht\*, C. R., Izurieta\*\*, H., Wolf\*, J. M., & **Leising, K. J.** (2014). Overexpectation in the context of reward timing. *Learning and Motivation*, *47*, 1-11.
- Ruprecht\*, C. M., Wolf\*, J. E., Quintana\*\*, N., & **Leising, K. J.** (2014). Feature-positive discriminations during a spatial-search task with humans. *Learning & Behavior*, *42*, 215-230.
- Wolf\*, J. E., Urbano\*, C. M., Ruprecht\*, C. M., & **Leising, K. J.** (2014). Need to train your rat? There is an App for that: A touchscreen behavioral evaluation system. *Behavior Research Methods*, *46*(1), 206-14.
- Ruprecht\*, C. M., Taylor\*\*, C. D., Wolf\*, J. E., & **Leising, K. J.** (2013). Task complexity modifies the search strategy of rats. *Behavioural Brain Research*, *258*, 208-217.
- Passaro A. D., Elmore, L. C., Ellmore, T., **Leising, K. J.**, Papanicolaou, A., & Wright, A. A. (2013). Explorations of object and location memory using fMRI. *Frontiers in Behavioral Neuroscience*, *7* (105), 1-15. DOI:10.3389/fnbeh.2013.00105
- Leising, K. J.,** Elmore, L. C., Rivera, J. C., Magnotti, J. F., Katz, J. S., & Wright, A. A. (2013). Testing visual short-term memory of pigeons (*Columba livia*) and a Rhesus monkey (*Macaca mulatta*) with a location change detection task. *Animal Cognition*, *16*, 839-844.
- Leising, K. J.,** Wolf\*, J. E., & Ruprecht\*, C. M. (2013). Visual discrimination learning with an iPad-equipped apparatus. *Behavioural Processes*, *93*, 140-147.
- Leising, K. J.,** Sawa, K., Blaisdell, A. P. (2012). Factors that influence negative summation in a spatial-search task with pigeons. *Behavioural Processes*, *90*, 357-363.
- Leising, K. J.,** Garlick, D., & Blaisdell, A. P. (2011). Overshadowing by proximity with pigeons in an automated open-field and touch screen. *Journal of Experimental Psychology: Animal Behavior*, *37*(4), 488-494.

Elmore, L. C., Ma, W. J., Magnotti, J. F., **Leising, K. J.**, Passaro, A. D., Katz, J. S., & Wright, A. A. (2011). Visual short-term memory compared in Rhesus monkeys and humans. *Current Biology*, *21*, 1-5.

**Leising, K. J.**, & Blaisdell, A. P. (2009). Associative basis of landmark learning and integration in vertebrates. *Comparative Cognition & Behavior Reviews*, *4*, 80-102.

**Leising, K. J.**, Garlick, D., Parenteau, M., & Blaisdell, A. P. (2009). Behavioral research in pigeons with ARENA: An automated remote environmental navigation apparatus. *Behavioural Processes*, *81*, 105-113.

Blaisdell, A. P., **Leising, K. J.**, Stahlman, W. D., & Waldmann, M. R. (2009). Rats distinguish between absence and lack of information. *International Journal of Comparative Psychology*, *22*, 1-18.

**Leising, K. J.**, Wong, J., Waldmann, M. R., & Blaisdell, A. P. (2008). The special status of actions in causal reasoning in rats. *Journal of Experimental Psychology: General*, *37*(3), 514-527.

**Leising, K. J.**, Sawa, K., & Blaisdell, A. P. (2007). Temporal integration in Pavlovian appetitive conditioning in rats. *Learning & Behavior*, *31* (1), 11-18.

Blaisdell, A. P., Sawa, K., **Leising, K. J.**, & Waldmann, M. R. (2006). Causal reasoning in rats. *Science*, *311*, 1020-1022.

Kohman, R., **Leising, K. J.**, Shaffer, M., & Higa, J. J. (2006). Effects of breaks in the interval cycle on temporal tracking in pigeons. *Behavioural Processes*, *71*, 126-134.

Sawa, K., **Leising, K. J.**, & Blaisdell, A. P. (2005). Sensory-preconditioning in spatial learning using a touchscreen task in pigeons. *Journal of Experimental Psychology: Animal Behavior*, *31* (3), 368-375.

#### ***NON-REFEREED PUBLICATIONS***

Papini, M. R., Stahlman, W. D., & **Leising, K. J.** (in prep). *Comparative Learning and Cognition*. Taylor and Francis.

Leonard, T., Urbano\*, C.M., & **Leising, K. J.** (2022). *Touchscreen-equipped Behavioral Evaluation System* (TBES, V2.2.2) [iPad application software]. Retrievable from <http://itunes.apple.com>.

**Leising, K. J.** (2020). *Touchscreen-equipped behavioral evaluation system server* (TBES VB6, V4.0) [Visual Basic 6.0 application]. Executable and source code retrievable from <http://touchscreenbehavioralevaluationsystem.com>.

Leonard, T., Urbano\*, C.M., & **Leising, K. J.** (2020). *Touchscreen-equipped Behavioral Evaluation System* (TBES, V1.2) [iPad application software]. Retrievable from <http://itunes.apple.com>.

**Leising, K. J.**, & Bonardi, C. (2017). Occasion setting [editorial for a special issue on occasion setting]. *Behavioural Processes*, 137, 1-4.

Stahlman, W. D., **Leising, K. J.**, Garlick, D., & Blaisdell, A. P. (2013). There is room for conditioning in the creative process: Associative learning and the control of behavioral variability. In A. Bristol, J. Kaufman, & O. Vartanian (Eds.), *Neuroscience of Creativity*. Cambridge, MA: MIT Press.

**Leising, K. J.** (2013). *Touchscreen-equipped behavioral evaluation system server* (TBES VB6, V3.0) [Visual Basic 6.0 application]. Executable and source code retrievable from <http://touchscreenbehavioralevaluationsystem.com>.

**Urbano\*, C.M., D. Westfall, & Leising, K. J.** (2013). *Touchscreen-equipped Behavioral Evaluation System* (TBES, V1.1) [iPad application software]. Retrievable from <http://itunes.apple.com>.

#### **PRESENTATIONS (2012 – Present)**

Authors: \* TCU Graduate Student

\*\* TCU Undergraduate Student

Bond\*, S. R., Nerz\*, J., Lasater\*\*, M., & **Leising, K. J.** (Nov, 2023). *Voluntary Oral Consumption of Cannabidiol (CBD) in Rats does not Reduce Anxiety-like Behavior*. Poster to be presented at the Society for Neuroscience Annual Meeting.

Bond\*, S. R., Nerz\*, J., Solorzano-Restrepo\*, J., Lasater\*\*, M., & **Leising, K. J.** (September, 2023). *The effect of temporal proximity on learning a dual-response*

*feature-positive discrimination with rats*. Poster presented at the Pavlovian Society Annual Meeting.

Nerz\*, J., Bond\*, S. R., Miranda\*\*, A., Gillespie\*\*, C., & **Leising, K. J.** (September, 2023). *Reinforcer Value Affects the Emergence of the Differential Outcomes Effect in Rats*. Poster presented at the Pavlovian Society Annual Meeting.

Bond\*, S. R., Nerz\*, J., Pittman\*\*, T., Jones\*\*, S., Randall\*\*, K., & **Leising, K. J.** (April, 2023). *Voluntary Oral Consumption of Cannabidiol (CBD) in Rats does not Reduce Anxiety-like Behavior*. Poster presented at the 30<sup>th</sup> Annual International Conference on Comparative Cognition.

Jones\*\*, S., Nerz\*, J., Elliott\*\*, C., Melo\*\*, M., & **Leising, K. J.** (April, 2023). *Non-Verbal Interoception: Emotion Labeling with Visual Stimuli*. Poster presented at the 30<sup>th</sup> Annual International Conference on Comparative Cognition.

Lasater\*\*, M., Torres\*\*, D., Nerz\*, J., & **Leising, K. J.** (April, 2023). *Environmental Changes do not Reduce Habituation of Wheel Running in Rats*. Poster presented at the 30<sup>th</sup> Annual International Conference on Comparative Cognition.

**Leising, K. J.**, Bond\*, S. R., Pittman\*\*, T., Nerz\*, J., Jones\*\*, S., & Randall\*\*, K. (April, 2023). *Feature-positive discriminations of where, not whether, to respond*. Paper presented at the 30<sup>th</sup> Annual International Conference on Comparative Cognition.

Nerz\*, J., Pittman\*\*, T., Bond\*, S. R., Jones\*\*, S., Gallegos\*\*, N., & **Leising, K. J.** (April, 2023). *The effect of temporal arrangement and varying degrees of LM stability on a spatial occasion setting task in pigeons*. Poster presented at the 30<sup>th</sup> Annual International Conference on Comparative Cognition.

Pittman\*\*, T., Bond\*, S. R., Nerz\*, J., Jones\*\*, S., Gallegos\*\*, N., Lasater\*\*, M., & **Leising, K. J.** (April, 2023). *Differential Lever Responses Do Not Facilitate Discrimination Learning in Rats*. Poster presented at the 30<sup>th</sup> Annual International Conference on Comparative Cognition.

Solorzano-Restrepo\*, J., Mendoza\*\*, M., Mendoza\*\*, S., Gallegos, N., & **Leising, K. J.** (April, 2023). *Increased visual working memory performance in a single*



*stimulus property, using pre and retro-signalling strategies.* Poster presented at the 30<sup>th</sup> Annual International Conference on Comparative Cognition.

Bond\*, S., Nerz\*, J., Jones\*\*, S., Pittman\*\*, T., Randall\*\*, K., & **Leising, K. J.** (April, 2023). *Spatial uncertainty results in direct control in conditional discriminations.* Poster presented at the 2023 Southwestern Psychological Association Annual Convention.

Jones\*\*, S., Lasater\*\*, M., Nerz\*, J., Chuah\*\*, J., Jones\*, N., Bond\*, S., & **Leising, K. J.** (April, 2023). *An examination of perceived valence of deterministic outcomes and moral behavior.* Poster presented at the 2023 Southwestern Psychological Association Annual Convention.

**Leising, K. J.**, Bond\*, S. R., & Nerz\*, J. (April, 2023). *For the Love of the Game: Extrinsic Reinforcement does not Undermine Intrinsic Motivation in Rats.* Paper presented at the 2023 Southwestern Psychological Association Annual Convention.

Nerz\*, J., Elliott\*, C., & **Leising, K. J.** (April, 2023). *Emotion labeling using visual stimuli in the absence of language.* Poster presented at the 2023 Southwestern Psychological Association Annual Convention.

Pittman\*\*, T., Bond\*, S., Nerz\*, J., Jones\*\*, S., Brice\*, K., Gunderson\*, L., Centanni, T., & **Leising, K. J.** (April, 2023). *Cannabidiol and strain effects on behavior in an elevated plus maze.* Poster presented at the 2023 Southwestern Psychological Association Annual Convention.

Bond, S. R. \*, Jones, N. \*\*, Nerz, J. \*, Randall, K. \*\*, Jones, S. \*\*, & **Leising, K. J.** (April, 2022). *Delay Length does not Alter the Nature of Learning in a Two-Response Feature-Positive Discrimination in Rats.* Paper presented at the 29<sup>th</sup> Annual International Conference on Comparative Cognition. Virtual Conference.

Nerz, J. \*, Pittman, T. \*\*, Bond, S. R. \*, Jones, N. \*\*, Brous, Z. \*\*, & **Leising, K. J.** (April, 2022). *Spatial Behavior of Pigeons with Varying Levels of Landmark Stability and Predictability.* Paper presented at the 29<sup>th</sup> Annual International Conference on Comparative Cognition. Virtual Conference.

- Leising, K. J.**, Bond, S. R. \*, Raab, T. \*\*, Melo, M. \*\*, Nerz, J\*. (April, 2022). *Extrinsic Reward Enhances Intrinsic Motivation for Lever Pressing in Rats*. Paper presented at the 29<sup>th</sup> Annual International Conference on Comparative Cognition. Virtual Conference.
- Pittman T. \*\*, Bond, S. R. \*, Jones, N. \*\*, Nerz, J. \*, & **Leising, K. J.** (April, 2022). *The Effects of Feature-Target Temporal Relationship on a Two-Response Discrimination in Rats*. Poster presented at the 29<sup>th</sup> Annual International Conference on Comparative Cognition. Virtual Conference.
- Jones, S. \*\*, Bond, S. R. \*, Gilbert, E. \*\*, Kundinger, R. \*\*, Jones, N. \*\*, Nerz, J. \*, & **Leising, K. J.** (April, 2022). *Retention interval effects with pigeons and humans in a spatial change detection task*. Poster presented at the 29<sup>th</sup> Annual International Conference on Comparative Cognition. Virtual Conference.
- Jones, N. \*\*, Bond, S. R. \*, Nerz, J. \*, & **Leising, K. J.** (April, 2022). *Voluntary Oral Administration of Cannabidiol (CBD) as an Anxiolytic in Rats*. Poster presented at the 29<sup>th</sup> Annual International Conference on Comparative Cognition. Virtual Conference.
- Bond, S. R. \*, Jones, N. \*\*, Pittman, T. \*\*, Nerz, J. \*, Brous, Z. \*\*, Chuah, J. \*\*, Mendoza, M. \*\*, & **Leising, K. J.** (April, 2022). *Potential Anxiolytic Effects of Cannabidiol (CBD) using Voluntary Oral Consumption in Rats*. Poster presented at the Michael and Sally McCracken Annual Student Research Symposium.
- Nerz, J. \*, Pittman, T. \*\*, Bond, S. R. \*, Jones, N. \*\*, Brous, Z. \*\*, & **Leising, K. J.** (April, 2022). *An Examination of the Effect of Temporal and Spatial Arrangement of Stimuli on Spatial Choice Behavior with Pigeons*. Poster presented at the Michael and Sally McCracken Annual Student Research Symposium.
- Jones, S. \*\*, Nerz, J. \*, Chuah, J. \*\*, Jones, N. \*\*, Bond, S. R. \*, & **Leising, K. J.** (April, 2022). *An Examination of Perceived Valence of Deterministic Outcomes and Moral Behavior*. Poster presented at the Michael and Sally McCracken Annual Student Research Symposium.
- Pittman T. \*\*, Bond, S. R. \*, Nerz, J. \*, Brice, K. \*, Gunderson, L. \*, Centanni, T., & **Leising, K. J.** (April, 2022). *A Comparison of Anxiolytic Behavior in Long-Evans Rats Consuming Cannabidiol (CBD) and TgF344-AD Fischer Rats*

*in an Elevated Plus Maze*. Poster presented at the Michael and Sally McCracken Annual Student Research Symposium.

Bond\*, S., Melo\*\*, M., Nerz\*, J., Raab\*\*, T., & **Leising, K. J.** (2021, November). *Lever Pressing as a Measure of Intrinsic Motivation in Rats*. 62nd Annual International Meeting of the Psychonomic Society. Virtual.

**Leising, K. J.**, Nerz\*, J., Elliott\*, C., & Stahlman, W. D. (2021, November). *Emotion Labeling with Visual Stimuli in Pigeons*. 62nd Annual International Meeting of the Psychonomic Society. Virtual.

**Leising, K. J.**, Elliott, C.\*, & Nerz, J.\*\* (2021, April). *Does a rat like the CS or what it predicts? Devaluation of a conditioned reinforcer requires its reexposure*. Paper presented at the 28<sup>th</sup> Annual International Conference on Comparative Cognition. Virtual Conference.

Raab, T.\*\*, Torres, D.\*\*, Nerz, J.\*\*, Melo, M.\*\*, Alvarado, M.\*\*, Waterman, E.\*\*, & **Leising, K. J.** (2021, April). *Habituation in wheel running rats*. Paper presented at the 28<sup>th</sup> Annual International Conference on Comparative Cognition. Virtual Conference.

Wolf, J. E.\*, Nerz, J.\*\*, & **Leising, K. J.** (2021, April). *Evidence for the effects of stimulus-response compatibility on a spatial occasion setting procedure with pigeons*. Paper presented at the 28<sup>th</sup> Annual International Conference on Comparative Cognition. Virtual Conference.

Bond, S.\*, Melo, M.\*\*, Raab, T.\*\*, & **Leising, K. J.** (2021, April). *A role for response uncertainty in serial and simultaneous feature-positive tasks with rats*. Paper presented at the 28<sup>th</sup> Annual International Conference on Comparative Cognition. Virtual Conference.

Elliott\*, C., Westbrook\*\*, M., Brown\*\*, K., Alvarado\*\*, M., Stahlman, W. D., & **Leising, K. J.** (2020, April). *Labeling of emotional events in pigeons and humans: The acquisition and transfer of visual labels*. Paper accepted to be presented at the 27<sup>th</sup> Annual International Conference on Comparative Cognition. Canceled due to COVID-19.

**Leising, K. J.**, White\*\*, J., Cleland\*, L., Elliott\*, C., & Wright, A. (2020, April). *Training with multiple exemplars of change does not improve transfer or baseline change*

*detection performance*. Paper accepted to be presented at the 27th Annual International Conference on Comparative Cognition. Canceled due to COVID-19.

Nerz\*\*, J., Benavides\*\*, C., Almualimi\*\*, E., Alvarez-Torres\*\*, D., Elliott\*, C., & **Leising, K. J.** (2020, April). *Differential outcomes facilitate acquisition of a visual discrimination with rats*. Paper accepted to be presented at the 27th Annual International Conference on Comparative Cognition. Canceled due to COVID-19.

Wolf\*, J., Elliott\*, C., White\*\*, J., Nerz\*\*, J., & **Leising, K. J.** (2020, April). *Evidence for the effects of stimulus-response compatibility on a spatial occasion setting procedure with pigeons*. Paper accepted to be presented at the 27th Annual International Conference on Comparative Cognition. Canceled due to COVID-19.

Wolf\*, J., Elliott\*, C., & **Leising, K. J.** (2019). *Will terminating training trials after the first response produce an effect of stimulus-response compatibility during a spatial occasion setting procedure with humans and pigeons?* Paper presented at the 26th Annual International Conference on Comparative Cognition, Melbourne, FL.

Elliott\*, C., Cleland\*, C. M., Jordan\*\*, M., Borowski\*, K., Stahlman, W. D., & **Leising, K. J.** (2019). *Emotion labeling with visual stimuli: the effects of physiological responses on conditioning*. Paper presented at the 26th Annual International Conference on Comparative Cognition, Melbourne, FL.

Jordan\*\*, M., Borowski\*\*, K., & Elliott\*, C. M., **Leising, K. J.** (2019). *Do you hate the object, or the event it predicts? Devaluation of a conditioned reinforcer with rats*. Poster presented at The Michael and Sally McCracken Annual Student Research Symposium, Fort Worth, TX.

Nerz\*\*, C., Benavides\*\*, C., & Elliott\*, C. M., & **Leising, K. J.** (2019). *Sugar and chocolate and levers, oh my: Examining the differential outcomes effect in a visual discrimination with rats*. Poster presented at The Michael and Sally McCracken Annual Student Research Symposium, Fort Worth, TX.

**Leising, K. J.**, Elliott\*, C., Wilson\*\*, S., Willie\*\*, C., & Cleland\*, L. M. (2018). *The effects of differential outcomes and environmental enrichment on discrimination performance with rats*. Fall Meeting of the Comparative Cognition Society, Los Angeles, CA.

- Leising, K. J.**, Ruprecht\*, C., & Cleland\*, L. M. (2018). *An occasion setter by any other name would still influence responding in a spatial-search task*. XIX Biennial Meeting of the International Society for Comparative Psychology, Los Angeles, CA.
- Cleland\*, L. M., Wilson\*\*, S., Jones\*\*, S., & **Leising, K. J.** (2018). *Same/Different visual discrimination using a differential outcomes procedure with rats*. Poster presented at the 25th Annual International Conference on Comparative Cognition, Melbourne, FL.
- Elliott\*, C., Willie\*\*, C., Jackson\*\*, W., & **Leising, K. J.** (2018). *Emotion labeling with visual stimuli: the effects of physiological responses on conditioning*. Poster presented at the 25th Annual International Conference on Comparative Cognition, Melbourne, FL.
- Leising, K. J.**, Jacqmain\*, J., Cleland\*, L. M., White\*\*, J., Jones\*\*, S., Elliott\*, C., & Wright, A.A. (2018). *Transfer of location change detection to novel changes with pigeons*. Talk presented at the 25th Annual International Conference on Comparative Cognition, Melbourne, FL.
- Wolf\*, J., Cleland\*, L. M., Repeta\*\*, E., & **Leising, K. J.** (2018). *The effects of stimulus-response compatibility on rate of learning and transfer of stimulus control during spatial occasion setting with humans and pigeons*. Talk presented at the 25th Annual International Conference on Comparative Cognition, Melbourne, FL.
- Jones\*\*, S., Cleland\*, L. M., & **Leising, K. J.** (2018). *Effects of environmental enrichment on visual discrimination learning with rats*. Poster presented at The Michael and Sally McCracken Annual Student Research Symposium, Fort Worth, TX.
- Shelvin\*\*, K., Cleland\*, L. M., & Elliott\*, C., White\*\*, J., & **Leising, K. J.** (2018). *Transfer of change detection to novel changes with pigeons*. Poster presented at The Michael and Sally McCracken Annual Student Research Symposium, Fort Worth, TX.
- Willie\*\*, C., Cleland\*, L. M., & Elliott\*, C., & **Leising, K. J.** (2018). *Spatial occasion setting using spatially stable and unstable occasion setters in a touch screen task with pigeons*. Poster presented at The Michael and Sally McCracken Annual Student Research Symposium, Fort Worth, TX.
- Wilson\*\*, S., Cleland\*, L. M., & Elliott\*, C., Jones\*\*, S., & **Leising, K. J.** (2018). *Same-Different discrimination learning in a visual discrimination task with rats*. Poster presented at The Michael and Sally McCracken Annual Student Research Symposium, Fort Worth, TX.

- Cleland\*, L. M., Elliott\*\*, C., Repeta\*\*, E., **Leising, K. J.** (2017). *The effect of delay and differential outcomes on same/different performance in a touchscreen task with rats.* 24<sup>th</sup> Annual International Conference on Comparative Cognition, Melbourne, FL.
- Jacqmain\*, J., Malone\*\*, N., Cleland\*, L. M., & **Leising, K. J.** (2017). *The relationship between number of items and performance in a location change-detection task with humans and pigeons.* 24<sup>th</sup> Annual International Conference on Comparative Cognition, Melbourne, FL.
- Leising, K. J.**, Wright\*\*, H., & Cleland, L. M. (2016). *A temporal gap and visual mask do not disrupt spatial occasion setting.* Fall Meeting of the Comparative Cognition Society, Boston, MA.
- Leising, K. J.**, Cleland\*, L. M., Shanahan\*\*, T., Repeta\*\*, E., Wolf\*, J. E. (2016). *The mechanisms of conditional discrimination: when is a stimulus more than a stimulus?* 57th Annual International of the Psychonomic Society, Boston, MA.
- Leising, K. J.**, Cleland\*, L. M., Malone\*\*, N., Lee\*\*, R., Taylor\*, J., Wolf\*, J. (2016). *The effect of increasing number of items in a location change-detection task with pigeons and humans.* 57th Annual International of the Psychonomic Society, Boston, MA.
- Wright\*\*, H., Cleland\*, L.M., & **Leising, K. J.** (2016). *Is it “time” to abandon a configural account of spatial occasion setting?* Michael and Sally McCracken Student Research Symposium, Fort Worth, TX.
- Herrera\*\*, E, Cleland\*, L. M., & **Leising, K. J.** (2016). *Facilitation of conditional spatial discrimination by naturalistic stimuli.* Michael and Sally McCracken Student Research Symposium, Fort Worth, TX.
- Lee\*\*, R. V., Malone\*\*, N., Magnotti, J., Wolf\*, J. E., Taylor\*\*, J., & **Leising, K. J.** (2016). *The role of iconic and working memory processes with an increasing number of items in a location change-detection task.* 23rd Annual International Conference on Comparative Cognition, Melbourne, FL.
- Leising, K. J.**, Ruprecht\*, C. M., Wolf\*, J. E., & Cleland\*, L. M. (2016). *Investigations into the properties of spatial cues and occasion setters using a spatial-search task.* 23rd Annual International Conference on Comparative Cognition, Melbourne, FL.

- Wolf\*, J. E., Cleland\*, L. M., & **Leising, K. J.** (2016). *The effects of stimulus-response compatibility on spatial occasion setting*. 23rd Annual International Conference on Comparative Cognition, Melbourne, FL.
- Cleland\*, L. M., Ruprecht\*, C. M., Wright\*\*, H., & **Leising, K. J.** (2016). *Spatial occasion setting following reassignment training in a landmark-based touchscreen task with humans*. 23rd Annual International Conference on Comparative Cognition, Melbourne, FL.
- Johnson\*\*, E., Quinn\*\*, T., Thoma\*\*, K., Wolf\*, J. E., & **Leising, K. J.** (2016). *Using an ipad-equipped touchscreen apparatus to evaluate operant associations: A study conducted by undergraduates in learning laboratory course*. 23rd Annual International Conference on Comparative Cognition, Melbourne, FL.
- Wolf\*, J. E., Ruprecht\*, C. M., & **Leising, K. J.** (2015). *Stimulus location and response position affect discrimination performance*. Poster presented at the 22<sup>nd</sup> Annual International Conference on Comparative Cognition, Melbourne, FL.
- Tencer\*\*, P., Todd\*\*, L., Wolf\*, J. E., & **Leising, K. J.** (2015). *Stimulus and response positions affect performance on a simultaneous discrimination procedure*. Poster presented at the Michael and Sally McCracken 11th Annual Student Research Symposium, Fort Worth, TX.
- Stahlman, W. D, Lau, M., & **Leising, K. J.** (2014). *Respondent variability and its possible relation to creative behavior*. Paper presented at the 40th Annual Convention of the Association for Behavior Analysis International, Chicago, IL
- Wolf\*, J. E., Ruprecht\*, C. M., Leyva\*\*, J., Royder\*\*, K., & **Leising, K. J.** (2014). *The search for a motion superiority effect in feature-positive conditional discriminations*. Paper presented at the 21<sup>th</sup> Annual International Conference on Comparative Cognition, Melbourne, FL.
- Ruprecht\*, C. M, Elliot\*\*, A., Wolf\*, J. E., & **Leising, K. J.** (2014). *Training history and ambiguity alter conditional spatial discriminations*. Paper presented at the 21<sup>th</sup> Annual International Conference on Comparative Cognition, Melbourne, FL.
- Swanson\*\*, T., Taylor\*, J., & **Leising, K. J.** (2014). *Working memory: Testing modality-specific memory in a successive match-to-sample go/no-go task with humans*. Paper presented at the 21<sup>th</sup> Annual International Conference on Comparative

Cognition, Melbourne, FL.

Harris\*\*, J., Leyva\*\*, J., McKeehan\*\*, M., Ruprecht\*, C. M., & **Leising, K. J.** (2014). *Are spatial relations readily encoded in occasion setting? For pigeons, training history matters.* Poster presented at the 21<sup>th</sup> Annual International Conference on Comparative Cognition, Melbourne, FL

**Leising, K. J.**, Quintana\*\*, N., Hall\*\*, J., Wolf\*, J. E., & Ruprecht\*, C. M. (2013). *A spatial-Search task for investigating conditional relations with pigeons and humans.* Poster presented at the annual meeting of The Psychonomic Society, Toronto, Canada.

**Leising, K. J.**, Ruprecht\*, C. M., & Wolf\*, J. E (2013). *Investigations into the influence of visual stimulus positioning on learning in a visual discrimination task with rats.* Paper presented at the Fall meeting of the Comparative Cognition Society, Toronto, Canada.

Wolf\*, J. E., Urbano\*, C. M., Ruprecht\*, C. M., & **Leising, K. J.** (2013). *Problems with your rats? Now there is an App for that.* Paper presented at the 20<sup>th</sup> Annual International Conference on Comparative Cognition, Melbourne, FL.

Ruprecht\*, C. M, Wolf\*, J. E., & **Leising, K. J.** (2013). *Space, the final frontier: These are the voyages of pigeons and human during occasion setting.* Paper presented at the 20<sup>th</sup> Annual International Conference on Comparative Cognition, Melbourne, FL.

Lovern\*\*, L., Harris\*\*, J., Kane\*\*, M., Wolf\*, J., & **Leising, K. J.** (2013). *Mis-Behaving rat? There's an app for that! Visual discrimination learning with the ipad.* Poster presented at the Michael and Sally McCracken 11th Annual Student Research Symposium, Fort Worth, TX.

Izurieta\*\*, H., Wolf\*, J., Wright, A. A., & **Leising, K. J.** (2013). *The problem of relational learning in autism spectrum disorder.* Poster presented at the Michael and Sally McCracken 11th Annual Student Research Symposium, Fort Worth, TX.

Hall\*\*, J., Quintana\*\*, N., Sharp\*\*, S., Ruprecht\*, C. M., & **Leising, K. J.** (2013). *Environmental complexity modifies the search strategy of rats.* Poster presented at the Michael and Sally McCracken 11th Annual Student Research Symposium, Fort Worth, TX.



**Leising, K. J.**, Ruprecht\*, C. M., & Wolf\*, J. E. (2012). *Higher-order modulation of spatial relations in pigeons and humans*. Invited presentation at the University of Texas at Dallas Biopsychology Group, Dallas, TX.

Wolf\*, J. E., Ruprecht\*, C. M., & **Leising, K. J.** (2012). *Does environment complexity modulate a shift in response strategy?* Poster presented at the annual meeting of the Society for Neuroscience, New Orleans, LA.

Ruprecht\*, C. M., Wolf\*, J. E., & **Leising, K. J.** (2012). *Higher-order modulation of spatial relations in pigeons and humans*. Poster presented at the annual meeting of the Society for Neuroscience, New Orleans, LA.

**Leising, K. J.**, Wolf\*, J. E., & Ruprecht\*, C. M. (2012). *Higher-order modulation of spatial relations in pigeons*. Paper presented at the Fall Meeting of the Comparative Cognition Society, New Orleans, LA.

**Leising, K. J.**, Elmore, L. C., Wright, A. A., Passaro A. D., Magnotti, J., Ellmore, T. M., & Katz, J. (2012) *Visual short-term memory compared in pigeons, Rhesus monkeys, & humans*. Paper presented at the bimonthly meeting of Society for Neuroscience, Arlington Fort-Worth Chapter, Fort Worth, TX.

Izurieta\*\*, H., Ruprecht\*, C. M., Wolf\*, J. E., & **Leising, K. J.** (2012). *Exploring the temporal nature of conditioned response during the over-expectation treatment*. Poster presented at the Michael and Sally McCracken 10th Annual Student Research Symposium, Fort Worth, TX.

Reinecke\*\*, G., Garrett\*\*, S., Ruprecht\*, C. M., & **Leising, K. J.** (2012). *Where did I leave my keys this time? Occasion setting in space with humans*. Poster presented at the Michael and Sally McCracken 10th Annual Student Research Symposium, Fort Worth, TX.

Ruprecht\*, C. M., Wolf\*, J. E., & **Leising, K. J.** (2012). *Knowing when and where to hit your target: Occasion setting in space with pigeons*. Poster presented at the Michael and Sally McCracken 10th Annual Student Research Symposium, Fort Worth, TX.

Ruprecht\*, C. M., Wolf\*, J. E., & **Leising, K. J.** (2012). *Exploring the temporal nature of conditioned response during the over-expectation treatment*. Paper presented at the 19th Annual International Conference on Comparative Cognition, Melbourne, FL.

Elmore, L. C., Wright, A. A., Passaro A. D., Magnotti, J., Ellmore, T. M., **Leising, K. J.**, & Katz, J. (2012) *Visual short-term memory compared in pigeons, Rhesus monkeys, & humans*. Paper presented at the 19th Annual International Conference on Comparative Cognition, Melbourne, FL.

**Leising, K. J.**, Ruprecht\*, C. M., Taylor\*\*, D. T., Weiss\*\*, J., & Drawdy\*\*, S. (2012). *Transitions in search strategy may be mediated by environmental and task complexity*. Paper presented at the 19th Annual International Conference on Comparative Cognition, Melbourne, FL.

Wolf\*, J. E., Ruprecht\*, C. M., & **Leising, K. J.** (2012). *Timing of Pavlovian-to-instrumental transfer*. Paper presented at the 19th Annual International Conference on Comparative Cognition, Melbourne, FL.

Stahlman, W. D., Ruprecht\*, C. M., & **Leising, K. J.** (2012). *Within-session shifts in reward probability and behavioral variability in pigeons*. Paper presented at the 19th Annual International Conference on Comparative Cognition, Melbourne, FL.

### **TEACHING (2009 – Present)**

*Instructor*, Research in Psychology of Learning, Texas Christian University (2009-2023)

*Instructor*, Animal Cognition, Texas Christian University (Spring, 2016; Fall, 2019; Spring 2022; Fall 2023)

*Instructor*, Experimental Psychology: Learning, Texas Christian University (Fall, 2010, 2011, 2012; 2014, 2015, 2016, 2017, 2018, 2019, 2021, 2022)

*Instructor*, Introduction to Psychology, Texas Christian University (Fall, 2009; Spring, 2010; Spring, 2011, Spring, 2012; Fall, 2013; Spring, 2015; Fall, 2016; Summer, 2018; Fall, 2018; Fall 2020, Fall 2021; Fall, 2022)

*Instructor*, Psychology of Choice, Texas Christian University (Summer, 2017, 2018, 2019, 2020, 2021, 2022, 2023)

*Instructor*, Contemporary Learning Theory, Texas Christian University (Spring, 2011; Spring, 2012; Spring, 2013; Spring, 2015, Spring 2021)

*Instructor*, Memory and Cognition, Texas Christian University (Spring, 2013; Spring, 2014; Spring, 2018; Spring, 2019; Spring 2023)

*Instructor*, Fundamentals of Learning, Texas Christian University (Spring, 2014; Summer, 2015; Fall, 2017)

*Instructor*, Special Topics in Physiological Psychology, Texas Christian University (Fall, 2009)

*Co-Instructor*, Experimental Analysis of Behavior, University of Texas Health Science Center (Summer, 2009)

**PROFESSIONAL MEMBERSHIPS**

The Comparative Cognition Society (Member, 2001 - )

The Psychonomic Society (Fellow, 2013 - )

Spatial Intelligence and Learning Center (Network Member, 2013 - )

Society for Neuroscience (Member, 2011 - 2019)

American Psychological Association (Member, 2008 - 2016; Div. 6, 2010 - 2016)

Golden Key International Honour Society (2001 - )

Psychology National Honor Society (Psi Chi, 2001 - )

National Society for Collegiate Scholars (2001 - )

**SERVICE**

***Texas Christian University***

**Undergraduate Research Students**

|                    |                    |                   |
|--------------------|--------------------|-------------------|
| Andrea Adams       | Zack Cartmel       | Sloane Garrett    |
| Esraa AlMualimi    | Jennie Chuah       | Emma Gilbert      |
| Magarette Alvarado | Shannon Clifford   | Aminika Glasco    |
| Kaily Baskett      | Nathania Davis     | Marcy Gleaves     |
| Callie Benavides   | Steven Drawdy      | Jordan Hall       |
| Skylar Black       | Arielle Elliot     | Jacey Harris      |
| Karen Borowski     | Cheyenne Elliott   | Erika Herrera     |
| Zoe Brous          | David Fox          | Haydee Izurieta   |
| Kylie Brown        | Joel Frazier       | Adrienne Jennings |
| Ali Carter         | Stephanie Futscher | Grace Johnson     |

|                    |                      |                 |
|--------------------|----------------------|-----------------|
| Nathan Jones       | Cokie Nerz           | Paeten Tencer   |
| Sophie Jones       | Lauren Nolan         | Atisha Thomas   |
| Sarah Jones        | Robert Pittman       | Laura Todd      |
| Stephanie Joondeph | Taryn Pittman        | Daniel Torres   |
| Mackenzie Jordon   | Nina Quintana        | Kendahl Ungar   |
| Maggie Kane        | Tanner Raab          | Ethan Waterman  |
| Stephanie Kegley   | Isabella Rappaccioli | John Weiss      |
| Molly Kosten       | Krista Randall       | Mac Wesner      |
| Rachel Kundinger   | Glen Reinecke        | Madie Westbrook |
| Macy Lasater       | Elle Repeta          | Michelle White  |
| Denikequia Lawson  | Katarina Royder      | Jackson White   |
| Ronnie Lee         | Casee Safford        | Cassidy Willie  |
| Joe Leyva          | Tara Shanahan        | Sydney Wilson   |
| Lacey Lovern       | Shelby Sharp         | Holly Wright    |
| Nick Malone        | Kiki Shelvin         |                 |
| Megan McKeehan     | Christian Sullivan   |                 |
| Marisa Melo        | Trevor Swanson       |                 |
| Maria Mendoza      | Meredith Taylor      |                 |

#### **Undergraduate Honors Thesis (Chaired)**

Madie Westbrook - Proposed and Defended (2019-2020)

Facilitation of acquisition of a visual discrimination by differential outcomes

Cassidy Willie – Proposed and Defended (2019-2020)

Extrinsic reward does not decrease intrinsic motivation to lever press in rats

Jackson White – Proposed and Defended (2018-2019)

Title: Effects of mindfulness meditation on multiple working memory modalities

Cheyenne Elliott – Proposed and Defended (2017-2018)

Title: Emotion Labeling with visual stimuli: the effects of physiological responses on conditioning

John Adams – Proposed and Defended (2013 - 2014)

Title: Training in TBRI: A comparison of principle-based and case-based learning

Drew Taylor – Proposed and Defended (2011 - 2012)

Title: Place versus directional responding with rats in an open field

**Graduate Student Thesis and Dissertations (Chaired)**

Sara Bond – Thesis Defended (Spring 2022)

Title: Response Uncertainty in a Feature-Positive Task

Cheyenne Elliott – Thesis Defended (Summer, 2020)

Title: Emotion Labeling with Visual Stimuli: The Effects of Physiological

Josh Wolf – Dissertation Defended (Summer, 2018)

Title: Dynamic stimuli facilitate performance in pavlovian and instrumental occasion setting procedures

Lauren Cleland – Thesis Defended (Spring, 2018)

Title: Manipulations of the spatial stability of an occasion setter alter some aspects of behavior during a landmark-based search task

Chad Ruprecht – Dissertation Defended (Spring, 2015)

Title: Exploring the encoding of spatial relations during conditional discriminations

Josh Wolf – Thesis Defended (Summer, 2014)

Title: Do dynamic stimuli facilitate performance in Pavlovian occasion setting procedures?

Chad Ruprecht – Thesis Defended (Fall, 2012)

Title: Timing of the conditioned response during the over-expectation procedure

**University and Departmental Service**

Vice Chair, TCU Psychology Department (Fall 2019 – present)

Vice Chair, TCU Institutional Animal Care and Use (Fall 2018 – present)

Co-advisor for the Psi Chi chapter at TCU (2011 – 2015; Fall 2022 – Spring 2024)

Advisor for Golden Key International Honour Society at TCU (2010 - present)

McNair Scholarship Board Member, TCU (2018 – 2023)

Vivarium Coordinator, TCU Psychology Department (2017 – 2019)

Course Scheduler, TCU Psychology Department (Fall 2018 – Spring 2019)

Cognitive Faculty Search Committee, Psychology, (Fall 2018)

Volunteer for the Compass 101 Mentoring Program, TCU (2012, 2014, 2015, 2018)

Volunteer discussion leader for Common Reading, TCU (2012, 2014, 2015, 2018)

Chair of the Committee on Emerging Instructional Techniques, TCU Psychology Department (Fall, 2014; Spring, 2015; Fall, 2015)

Evaluation Committee, TCU, (2011 – 2014)

Volunteer at the annual TCU Student Research Symposium (2012, 2014)

Volunteer for Move-in Experience, TCU (2010, 2014)

Monday's at TCU Discussion Leader, Psychology Department (2010 - 2013)

Vivarium Coordinator, TCU Psychology Department (2011 – 2013)

Volunteer for Annual Late Night Breakfast, TCU (2009, 2010, 2011, 2012)

Psychology Faculty Search Committee – tenure-track professor, TCU (2012)

Psychology Faculty Search Committee – two full-time instructor positions, TCU (2012)  
Wellness Ambassador, TCU (Fall 2009 - 2012)

Volunteer for Annual Trash to Treasure, TCU (2010, 2011)

Student Government Association Research Awards Committee, TCU (2011)

Psychology Graduate Admissions and Financial Aid Committee, TCU (Spring, 2010)

Psychology Undergraduate Assessment Committee, TCU (Fall 2009)

### ***Professional Service***

Program Committee Member and Session Chair, Southwestern Psychological Association (2023)

President, Comparative Cognition Society (2020-2022)

Secretary, Comparative Cognition Society (2016-2019)

Comparative Cognition Society Presentation Award Committee, Comparative Cognition Society (Fall, 2018)

Section editor, Encyclopedia of Animal Cognition and Behavior (2017-2019)

Co-editor, Special issue on occasion setting, *Behavioural Processes* (2016-2017)

Member at Large for the Comparative Cognition Society (2013-2016)

Chair, APA Committee on Animal Research and Ethics (2014-2015)

Member, APA Committee on Animal Research and Ethics, (2012-2014)

Mentoring Chair, 22<sup>nd</sup> Annual International Conference on Comparative Cognition (2014, 2015)

Session Chair, Annual International Conference on Comparative Cognition (2012, 2014, 2015)

Federation of Associations in Behavioral and Brain Sciences (FABBS) District Science Lobby Week Volunteer (2012)

Meeting Organizer, Society for Neuroscience, Arlington Fort-Worth Chapter (2012)

Awards Committee Member, 18<sup>th</sup> Annual International Conference on Comparative Cognition (2012)

Membership & Growth Committee Chair, APA Division 6 (Behavioral Neuroscience & Comparative Psychology, 2011-2012)

Program Committee Member, 17<sup>th</sup> and 16<sup>th</sup> Annual International Conference on Comparative Cognition (2011, 2010)

Program Committee Member – UCLA Center for Language, Interaction, and Culture's

14<sup>th</sup> Annual Conference (2007)

Oxford University Press online graduate student advisory panel (2007 - 2009)

Graduate moderator – Psychology Undergraduate Research Conference, University of California, Los Angeles (2007)

Graduate Funding Committee, University of California, Los Angeles (2006)

NSF Panel, University of California, Los Angeles (2005)

Association of Psychological Science Student Caucus Mentorship Program (2005)

***Professionally-related community activities***

Volunteer for Oakmont Elementary Career Day (2014, 2015)

Volunteered as a representative of APA to visit Capitol Hill and local offices to advocate for funds for NIH and NSF (met with Rep. Keith Ellison, MN [2013] and Rep. Kay Granger, TX [2014]; met with staffers for Rep. Kay Granger, TX [2013], Sen. John Cornyn, TX [2014], and again with staffers for Rep. Kay Granger, TX [2018])

***AD-HOC REVIEWER***

*Acta Psychologica*

*Animal Behavior and Cognition*

*Animal Cognition*

*Behavioural Processes*

*Behavioral Research Methods*

*Cognition*

*Ethics & Behavior*

*Experimental Psychology*

*Frontiers in Psychology: Cognition*



*Frontiers in Psychology: Comparative Psychology*

*International Journal of Comparative Psychology*

*International Journal of Psychology and Psychological Therapy*

*Journal of Child Development*

*Journal of Cognitive Psychology*

*Journal of Comparative Psychology*

*Journal of Experimental Psychology: Animal Cognition and Behavior*

*Learning & Behavior*

*Learning & Memory*

*PLOS ONE*

*Psychology Bulletin and Review*

*Saudi Journal of Biological Sciences*

*Quarterly Journal of Experimental Psychology*

**CONSULTING**

McGraw-Hill Publishing

John Wiley and Sons Jossey Bass

Burrston House Ltd.

Columbia Press