

Lawrence Cormack

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Publications

JOURNAL ARTICLES

1. Muller, K. S., Matthis, J., Bonnen, K., Cormack, L. K., Huk, A. C., & Hayhoe, M. (2023). Correction: Retinal motion statistics during natural locomotion. *eLife*, 12. <https://doi.org/10.7554/elife.91492>
2. Muller, K. S., Matthis, J., Bonnen, K., Cormack, L. K., Huk, A. C., & Hayhoe, M. (2023). Retinal motion statistics during natural locomotion. *eLife*, 12. <https://doi.org/10.7554/elife.82410>
3. Oluk, C., Bonnen, K., Burge, J., Cormack, L. K., & Geisler, W. S. (2022). Stereo slant discrimination of planar 3D surfaces: Frontoparallel versus planar matching. *Journal of Vision*, 22(5), 6. <https://doi.org/10.1167/jov.22.5.6>
4. Candy, T. R., & Cormack, L. K. (2022). Recent understanding of binocular vision in the natural environment with clinical implications. *Progress in Retinal and Eye Research*, 88, 101014. <https://doi.org/10.1016/j.preteyeres.2021.101014>
5. Whritner, J. A., Czuba, T. B., Cormack, L. K., & Huk, A. C. (2021). Spatiotemporal integration of isolated binocular three-dimensional motion cues. *Journal of Vision*, 21(10), 2. <https://doi.org/10.1167/jov.21.10.2>
6. Reilly, M. P., Kunkel, M. N., Thompson, L. M., Zentay, A., Weeks, C. D., Crews, D., Cormack, L. K., & Gore, A. C. (2021). Effects of endocrine-disrupting chemicals on hypothalamic oxytocin and vasopressin systems. *Journal of Experimental Zoology Part A: Ecological and Integrative Physiology*, 337(1), 75–87. <https://doi.org/10.1002/jez.2475>
7. Crosby, C. L., Buss, D. M., Cormack, L. K., & Meston, C. M. (2021). Corrigendum to “sex, sexual arousal, and sexual decision making: An evolutionary perspective” [personal. Individ. Differ., 177 (2021): 110826 pages 1–5]. *Personality and Individual Differences*, 178, 110908. <https://doi.org/10.1016/j.paid.2021.110908>
8. Crosby, C. L., Buss, D. M., Cormack, L. K., & Meston, C. M. (2021). Sex, sexual arousal, and sexual decision making: An evolutionary perspective. *Personality and Individual Differences*, 177, 110826. <https://doi.org/10.1016/j.paid.2021.110826>

PREPRINTS

1. Muller, K., Matthis, J. S., Bonnen, K., Cormack, L. K., Huk, A. C., & Hayhoe, M. (2022). *Behavior shapes retinal motion statistics during natural locomotion*. <https://doi.org/10.1101/2022.09.06.506797>
2. Oluk, C., Bonnen, K., Burge, J., Cormack, L. K., & Geisler, W. S. (2021). *Stereo slant discrimination of planar 3D surfaces: Standard vs. Planar cross-correlation*. <https://doi.org/10.1101/2021.03.11.434881>

BOOKS

BOOK CHAPTERS

Professional Presentations

Conference Abstracts

Honors

Funding

Neural circuit computations for visual motion during natural primate behaviors

FUNDING: \$3,344,560

National Institute of Neurological
Disorders and Stroke, UF1NS116377

2020 - 2023

Motion processing with two eyes in three dimensions

FUNDING: \$3,436,014

National Eye Institute, R01EY020592

2011 - 2023

Service

The University of Texas at Austin GRADUATE ADVISOR OF BSDS MAJOR	Austin, US 2023 - present
The University of Texas at Austin EXECUTIVE COMMITTEE	Austin, US 2022 - present

Mentoring and Teaching

MENTORING

TEACHING

Psychology DEVELOPER OF CORE FUND. OF DATA SCIENCE 2 COURSE SEQUENCE	2023 - present
Psychology ARCHITECT OF CURRENT UNIFIED PSY 420M COURSE	2022 - present