

# Lawrence Cormack

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## Publications

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### JOURNAL ARTICLES

1. 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>
2. Candy, T. R., & Cormack, L. K. (2021). 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>
3. 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>
4. 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>

### 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>
3. Burge, J., & Cormack, L. K. (2020). *Target tracking reveals the time course of visual processing with millisecond-scale precision*. <https://doi.org/10.1101/2020.08.05.238642>

### BOOKS

### BOOK CHAPTERS

## Professional Presentations

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## Conference Abstracts

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## Honors

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## Funding

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### 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

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## Mentoring and Teaching

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### MENTORING

### TEACHING