Lisa J. Croner
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Artist working from science, using unruly materials (such as carbon powders moving in fluids) to create two-dimensional images and interactive assemblages that explore human interaction with nature, the invisibility of complex systems in apparent randomness, and epistemic boundaries.

Education

2026 MFA School of the Art Institute of Chicago, Chicago, IL
1992 PhD Biophysics/Neuroscience, Rockefeller University, New York, NY
1986 MA Zoology, Duke University, Durham, NC 1986
1981 BA Double major in Art and Biology, University of California Santa Cruz, CA

Selected Group Art Exhibitions

2026 *Small Wonder* PHES, Carlsbad, CA
2026 *Low-Residency MFA Exhibition* SAIC Galleries, Chicago, IL
2025 *FIG: 15 Years* Art Produce, San Diego, CA
2025 *Mirror Mirror* Beth's Studio, La Mesa, CA
2025 *Artists Respond to the Moment* PHES, Carlsbad, CA
2025 *Form and Shadow* PHES, Carlsbad, CA
2024 *Flora and Fauna* Techne Art Center, Oceanside, CA
2021 *Friends* Studio C Gallery, El Cajon, CA
2019 *In Plain Sight* Schaefer Gallery, San Francisco, CA
2019 *Digital Aura* Fort Mason Atrium Gallery, San Franciso, CA
2019 *Sages and Pinnacles* Schaefer Gallery, San Francisco, CA
2019 *Recovecos* I Fort Mason Atrium Gallery, San Francisco, CA
2019 *Concentrate* Fort Mason Atrium Gallery, San Francisco, CA

Art Series

2026-present *Box Colonies*
2025-present *Nature Drawings*
2025 *Something like New York*
2024 *Acts of Love*
2024 *Broken Worlds*
2023-2024 *Signal and Noise*
2020 *Two Handed Kinetic*
2019 *Probabilistic Envelopes of Being*

Press and Innovation

Vovkotrub, K. 2026. **Lisa Croner**'s patented art process. *School of the Art Institute of Chicago News.*

Edwards, E. 2026. Resisting resolution: the 2026 Low-res MFA cohort. *School of the Art Institute of Chicago*.

Croner, L.J. "Device and method for creating artistic designs." *US Patent No. 12,773,870*. Issued: October 2026.

Selected Scientific Publications

Vision Science

Croner, L.J. and T. Wachtler. 2001. Introduction to neurophysiology of the primate visual system. In: Vision Models and Applications to Image and Video Processing (C.J. Branden Lambrecht, ed). Kluwers.

Croner, L.J. and T.D. Albright. 1999. Seeing the big picture: integration of image cues in the primate visual system. *Neuron*, **24**:777-789.

Croner, L.J. and T.D. Albright. 1999. Segmentation by color influences responses of motion-sensitive neurons in the cortical middle temporal visual area. *The Journal of Neuroscience*, **19**:3935-3951.

Croner, L.J. and T.D. Albright. 1999. How we see: the organization of the primate visual system from a neurophysiologist's perspective. *Journal of Optometric Vision Development*, **30**:46-50.

Croner, L.J. and T.D. Albright. 1997. Image segmentation enhances discrimination of motion in visual noise. *Vision Research*, **37**:1415-1427.

Croner, L.J. and T.D. Albright. 1995. How color enhances discrimination of motion in visual noise: Psychophysics and physiology. *Proceedings of the 2nd Joint Symposium on Neural Computation*, *University of California, San Diego and University of Southern California,* La Jolla, CA: Institute for Neural Computation, University of California, San Diego, **5**:36-42.

Croner, L.J. and E. Kaplan. 1995. Receptive fields of P and M ganglion cells across the primate retina. *Vision Research,* **35**:7-24.

Croner, L.J., K. Purpura, and E. Kaplan. 1993. Response variability in retinal ganglion cells of primates. *Proc. Natl. Acad. Sciences*, **90**:8128-8130.

Computational Biology

Jain, N., **L.J. Croner,** J.N. Allan, T. Siddiqi, T., A. Tedeschi, …, J.F. Seymour. 2024. Absence of BTK, BCL2, and PLCG2 mutations in chronic lymphocytic leukemia relapsing after first-line treatment with fixed-duration Ibrutinib plus Venetoclax. *Clinical Cancer Research*, **30**:498-505.

Dillon, R., **L.J. Croner**, J. Bucci, S.N. Kairs, J. You, …, B. Wilcox. 2018. Analytical validation of a novel multiplex test for detection of advanced adenoma and colorectal cancer in symptomatic patients. *Journal of Pharmaceutical and Biomedical Analysis*, **154**: 85-94.

Croner, L.J., R. Dillon, A. Kao, S.N. Kairs, R. Benz, …, B. Wilcox. 2017. Discovery and validation of a colorectal cancer classifier in a new blood test with improved performance for high-risk subjects. *Clinical Proteomics*, **14**: 28: 1-12.

Plevy, S., M.S. Silverberg, S. Lockton, T. Stockfisch, **L. Croner**, …, S. Singh**.**2013. *Combined* serological, genetic, and inflammatory markers differentiate non-IBD Crohn's disease, and ulcerative colitis patients. *Inflammatory Bowel Disease,* **19**: 1139-48.

Shi, L., … **L.J. Croner**, … 2008. The balance of reproducibility, sensitivity, and specificity of lists of differentially expressed genes in microarray studies. *BMC Bioinformatics*, **9** Suppl 9:S10.

MAQC Consortium: L. Shi, .. **L.J. Croner** .... 2006. The MicroArray Quality Control (MAQC) project shows inter- and intraplatform reproducibility of gene expression measurements. *Nature Biotechnology,* **24**:1151-61.