



EMMA HSIAO

Multidisciplinary artist and researcher combining visual storytelling with science and technology.



EDUCATION

Brown University, Providence, RI
CLASS OF 2025 (CURRENT)

Major: Biology, Visual Art
Relevant Coursework: Microbiology, Cell & Molecular Biology, Coral Reef Ecology, Conservation in the Genomics Age

University of Massachusetts Amherst, Amherst, MA
CLASS OF 2025 (FALL 2021-FALL 2022)

Major: Biology
Relevant Coursework: Genetics, Plant Biology, Organic Chemistry



PROJECTS

SEPTEMBER 2019 - PRESENT

Tale of Scales Poker Card Crowdfunding Campaign
Designed and crowdfunded the Tale of Scales deck, which was 100% funded on Kickstarter in 10 days, and raised over \$6,000 total.

Tale of Scales is being sold at retail locations, and aims to promote awareness of reptile and amphibian biodiversity.

OCTOBER 2017 - PRESENT

Monetized YouTube Channel & Adobe Skills
Individually running an art and animation YouTube channel under the name "Haasio". The channel has 20,000 subscribers.

Proficient with Adobe Premiere Pro, After Effects, Character Animator, InDesign, Dreamweaver, and Photoshop.

Sandy M Kawano, Johnson Martin, Joshua Medina, Conor Doherty, Gary Zheng, Emma Hsiao, Matthew J Evans, Kevin de Queiroz, R Alexander Pyron, Jonathan M Huie, Riley Lima, Esther M Langan, Alan Peters, Duncan J Irschick, Applying 3D Models of Giant Salamanders to Explore Form-Function Relationships in Early Digit-Bearing Tetrapods, *Integrative and Comparative Biology*, 2024;, icae129, <https://doi.org/10.1093/icb/icae129>

Zuwan Lin *et al.*, Tissue-embedded stretchable nanoelectronics reveal endothelial cell-mediated electrical maturation of human 3D cardiac microtissues. *Sci. Adv.* 9, eade8513(2023). DOI: 10.1126/sciadv.ade8513



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EXPERIENCE

JUNE 2024 - AUGUST 2024

Marketing Intern @ HERØ Projects

Assisted in market research and created a social media plan for a B2B service.

MAY 2023 - SEPTEMBER 2023

UI/UX Designer @ POWER Cycle Writing by Streamlined Literacy

Helped develop the look and feel of an educational writing application. Used Figma, Adobe Photoshop, and Illustrator.

JULY 2021 - MARCH 2023

Research Intern @ the Liu Lab at Harvard SEAS

Collaborated with scientists at the Broad Institute of MIT and Harvard to create visualizations of their data, as well as figure illustrations and cover illustrations.

JANUARY 2022 - DECEMBER 2022

Undergraduate Researcher/3D Artist @ the Irschick Lab, UMass Amherst

Created scientifically accurate 3D reconstructions of animals at the Irschick Lab at UMass Amherst using photogrammetry and 3D modeling software (Blender).

JUNE 2020 - SEPTEMBER 2020

Science Communication @ Waquoit Bay National Estuarine Research Reserve

Organized meetings, analyzed data, created brochures, infographics, exhibit activities, and other resources to present water quality data more accessibly to the public.



PUBLICATIONS

Last Updated: 9/12/24

