



# 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

