

TRACIE HAYES

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EDUCATION

Ph.D. Candidate in Population Biology, Advisor: Louie Yang
University of California, Davis

B.S. in Biology (Honors), B.A. in Studio Art (Highest Honors)
University of North Carolina at Chapel Hill 2017, Highest Distinction

EMPLOYMENT

2017-2018 Lab Manager, Echinacea Project, Chicago Botanic Garden

2016 Research Intern, Dell Ecology Lab, National Great Rivers Research and Education Center

2015-2017 Undergraduate Researcher, Hurlbert Lab, University of North Carolina, Chapel Hill

PUBLICATIONS

(*submitted*). Pepi, A., **T. Hayes**, and K. Lyberger. Thermal asymmetries influence effects of warming on stage and size-dependent predator-prey interactions. **Theoretical Ecology**.

Yang, L. H., E. G. Postema, **T. E. Hayes**, M. K. Lippey, and D. J. MacArthur-Waltz. 2021. The complexity of global change and its effects on insects. **Current Opinion in Insect Science**.

<https://doi.org/10.1016/j.cois.2021.05.001>

Richardson, L. K., M. K. Gallagher, **T. E. Hayes**, A. S. Gallinat, G. Kiefer, K. Manion, M. Jenkins, G. Diersen, and S. Wagenius. 2021. Competition for pollination and isolation from mates differentially impact four stages of pollination in a model grassland perennial. **Journal of Ecology** 109:1356–1369. <https://doi.org/10.1111/1365-2745.13562>

Hurlbert, A., **T. Hayes**, T. McKinnon, C. Goforth. 2019. Caterpillars Count! A citizen science project for monitoring foliage arthropod abundance and phenology. **Citizen Science: Theory and Practice**. 4(1) <http://doi.org/10.5334/cstp.148>

Cloyed, C.S., A.I. Dell, **T. Hayes**, R.L. Kordas, E.J. O’Gorman. 2019. Long-term exposure to higher temperature increases the thermal sensitivity of grazer metabolism and movement. **Journal of Animal Ecology**. 00:1– 12. <https://doi.org/10.1111/1365-2656.12976>

GRANTS, AWARDS, AND FELLOWSHIPS

2021 Mildred E. Mathias Graduate Student Research Grant
\$3,000.00

2021 CPB Affiliate/Henry A. Jastro Graduate Research Award
\$3,000.00

2020 CPB Affiliate/Henry A. Jastro Graduate Research Award
\$2,968.50

2019 National Science Foundation Graduate Research Fellowship (GRFP)
\$138,000.00

2017 Carolina Research Scholar

2017 Honors Carolina Laureate

2016 Alexander Julian Prize - Chancellor’s Art Award

2016 George Kachergis Studio Art Scholarship

2016 Sculpture Garden Design Honorarium

2016	Phi Beta Kappa Induction
2015	Alexander Julian Prize - Chancellor's Art Award
2015	George Kachergis Studio Art Scholarship
2015	Summer Undergraduate Research Fellowship
2015	Taylor Honors Mentored Research Fellowship

SOLO ART EXHIBITIONS

2020	<i>The landscape reels back</i> , Roman Susan, Chicago, IL, in collaboration with Alexis Brocchi
2019	<i>Place Picture, Earth Form</i> , Wedge Projects, Chicago, IL
2018	<i>Reserve/Reservoir</i> , ADDS DONNA, Chicago, IL
2018	<i>Cerebral Sediment</i> , Apparatus Projects, Chicago, IL
2017	<i>multitroph</i> , Allcott Undergraduate Gallery, Chapel Hill, NC

GROUP ART EXHIBITIONS

2019	<i>Sky-high Skies</i> , Transpace, Normal, IL
2019	<i>At A Distance #3</i> , Wedge Projects, Chicago, IL
2019	<i>Got it for Cheap (GIFC)</i> , Western Exhibitions, Chicago, IL
2019	<i>Woman Made 2nd Midwest Open</i> , Woman Made Gallery, Chicago, IL
2018	<i>Process: what is was when it wasn't</i> , The Overlook Place, Chicago, IL
2017	<i>Site Unseen</i> , John and June Allcott Gallery, Chapel Hill, NC

TEACHING, OUTREACH, AND RESIDENCIES

2021	Picnic Day Video Contributor, University of California, Davis
2020	Reader, EVE 181 Animal-Plant Interactions, University of California, Davis
2020	TA, ENT 001 Art, Science & the World of Insects, University of California, Davis
2019	Artist assistant to Jenny Kendler
2019	Monarch Art and Wellness Fair, The Overlook, Hyde Park Art Center, Chicago, IL
2019	Commissioned artist, Unearth Science Festival, Chicago Botanic Garden, Glencoe, IL
2018 - 2019	Gallery Intern, ADDS DONNA, Chicago, IL
2018	Art & Science Residency, PLAYA Summer Lake, Summer Lake, OR
2018	Garden for a Changing Climate (with artist Jenny Kendler and Gallery 400) table event, Telpochcalli and Hammond Elementary Schools, Chicago, IL
2018	Unearth Science Festival, Chicago Botanic Garden, Glencoe, IL
2018	Emerging Artist Residency, ADDS DONNA, Chicago, IL
2017 - 2018	FIELD/WORK Residency, Chicago Artists Coalition, Chicago, IL
2014 - 2015	Artist-in-Residence and Arts Editor, <i>Event Horizon Magazine</i> , Chapel Hill, NC
2013 - 2016	Managing Editor, Design Editor, Writer, <i>Carolina Scientific Magazine</i> , Chapel Hill, NC

MENTORSHIP

2018	Danielle Oilschlager, Lake Forest College undergraduate – intraspecific vs. interspecific competition in prairie grasses
2018	Evan Jackson, College of Wooster undergraduate – pollen identification project
2017 – 2018	Michele McCormick, College of Lake County Professor – pollen identification project
2017	Nina Denne, Carleton College undergraduate – <i>Echinacea</i> seedset and surrounding biodiversity

- 2017 Nicolette McManus, Northwestern University undergraduate –*Echinacea* seedset and intraspecific density
- 2017 Marisol Gelacio, Lake Forest College undergraduate – seed counter testing and project development

PRESENTATIONS

- 2021 Guest Speaker – art and science experience, Global Change Ecology Class at University of North Carolina at Chapel Hill, Zoom
- 2018 “Synchrony of flowering phenology within clusters depends on the spatial scale at which clusters are defined” (poster) Ecological Society of America (ESA) Meeting, New Orleans, LA
- 2018 “Synchrony of flowering phenology within clusters depends on the spatial scale at which clusters are defined” (poster) Midwest Ecology and Evolution Conference (MEEC), Kellogg Biological Station, Hickory Corners, MI
- 2017 “Multitroph: Ecological speculation and the diagram” (talk) Art & Art History Honors Thesis Symposium, University of North Carolina at Chapel Hill, Chapel Hill, NC
- 2017 “The effects of temperature and greenup on the timing of arthropod abundance and avian migration” (talk) Honors Research Symposium, University of North Carolina at Chapel Hill, NC
- 2016 “Temperature and body mass affects the locomotor performance of *Radix balthica* in a geothermal stream system in Iceland” (talk and poster) National Great Rivers Research and Education Center, East Alton, IL
- 2016 “Arthropod phenology as a component of avian reproductive success” (poster) Biology Undergraduate Research Symposium, University of North Carolina at Chapel Hill, NC

PUBLISHED ART/EXHIBITION PRESS

- 2021 The Nicrophorinae, *Viral Ecologies*
- 2018 Infinite Language: Tracie Hayes, *Edge Effects*
- 2018 Top V. Weekend Picks #3 for *Reserve/Reservoir, Bad at Sports*
- 2018 Top V. Weekend Picks #1 for *Cerebral Sediment, Bad at Sports*
- 2018 Top V. Weekend Picks (2/1-2/7) #2 for *Process: what is was when it wasn't, Bad at Sports*
- 2016 *Last Glacial Maximum, Cellar Door* (cover)
- 2016 A painted comet, *Rosetta Art Tribute Blog*, European Space Agency
- 2014 - 2015 multiple illustrations, *Event Horizon*

SKILLS

R Programming
 Git/GitHub/Bitbucket
 Adobe InDesign