



CREATURE CONSERVE

Connecting Artists and Scientists to Save Species

ANNUAL REPORT 2021

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CREATURE CONSERVE

MISSION

We bring artists, creative writers, and scientists together to foster informed and sustained support for animal conservation.

VISION

Everyone works together to study, celebrate, and protect — to conserve — animals and their habitats.

PLAN

We provide the funding, expertise, and oversight needed to establish, sustain, and promote art/sci collaboration.

STRATEGY

We connect art and science to inspire conservation action.

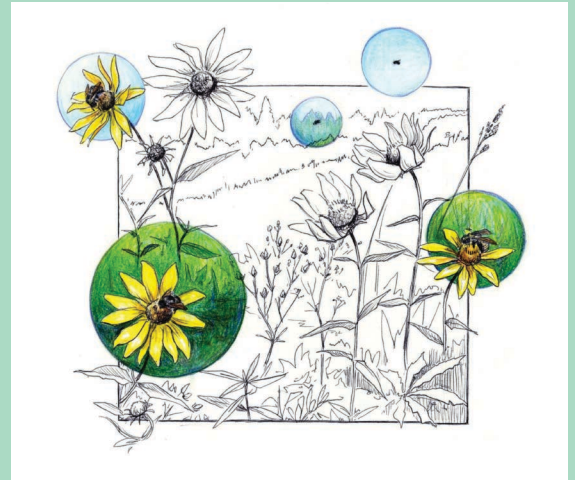
GOALS

- Give artists interested in science the opportunity to research and respond to the problems facing animals today.
- Give scientists working in conservation the opportunity to explore the artistic, humanistic, and emotional side of their work.
- Inspire collaboration among artists and scientists working with animals.
- Inspire conservation action by bringing artists and scientists together to save species.
- Demonstrate conservation is something we can all do.
- Follow best practices for non-profit boards.

OUR PROGRAMS

- Exhibits & Events
- Scholarships
- Field Studies
- Workshops
- Network Growth

Cover: Yellow-vented bulbul, photo from Pixabay, artwork by Woei On. Woei created this piece, "Negative" during a workshop that explored the harsh reality of the illegal Asian songbird trade and its deleterious effects on tens of thousands of birds.



"Field Focus" by Faith Williams inspired by observations and in-the-field research of pollinators at Rocky Mountain Biology Lab



"Kites for Rays" by Sofiya Shukhova in collaboration with scientist Naomi Clark-Chen.



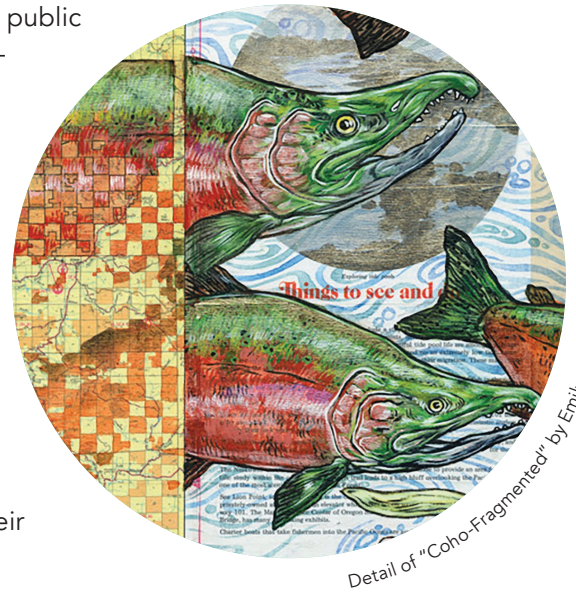
"Orca Emerging from Noise Pollution" by Lori Bradly, inspired by orca/salmon co-recovery workshop

ANIMALS NEED OUR HELP

Our motivation is the ongoing loss of biodiversity and the need for more public engagement in conservation. We believe that art – informed by science – has the power to direct our attention to the ongoing loss of species and what we can do about it.

Animals are central to our lives. We rely on them for commerce, companionship, clothing, food, medicine, sport, and spirituality. Their health is connected to ours. Sadly, our actions have had dire consequences: most animals will not survive our massive presence on earth unless we intervene.

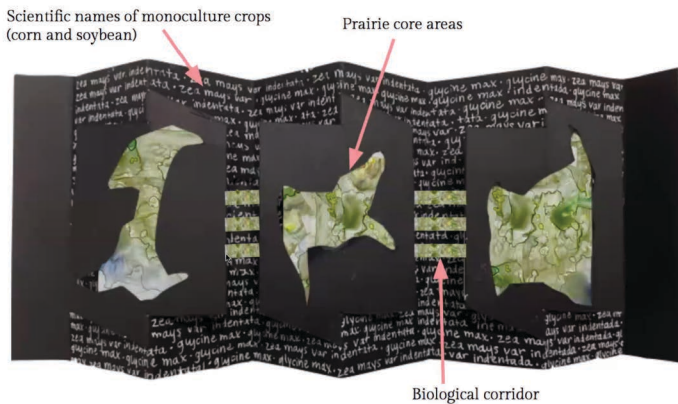
Our programs encourage a fresh approach to the extinction crisis, one that is more open and engaging, collaborative and cross-disciplinary. The artists, writers, and scientists who participate in our programs are learning from each other, creating and innovating together, and using their combined skills to improve outcomes and reach a wider audience.



Detail of "Coho-Fragmented" by Emily Poole

RECONNECTING ART WITH SCIENCE

Art reminds us we are all connected. It deepens our understanding of this interdependency and helps us explore how we feel about animals and our relationships with them. It makes the science relevant to conservation (such as botany, climatology, ecology, geology, GIS mapping, infectious diseases, population genetics, reproductive physiology, and zoology) more accessible, real and meaningful. Art is also far more likely to inspire a change in our behavior than a string of scientific facts.



Our Mentorship Program, for example, gives artists and writers the opportunity to explore connections between art and science over a 6-month period. Shown here is some "process work" by two of our 2020-21 mentees. Illustrator Chelsea Clarke (above) explored the importance of phytoplankton to the Arctic ecosystem. Printmaker Maria Fairchild (left) explored the importance of biological corridors to the survival of prairie ecosystems in the American West.

OUR PROGRAMS

Our programs include exhibits & events, field studies, network growth, scholarships, and workshops.

"MESA 30+1" by Sophy Tuttle at Curation250 gallery



TALK:

CONNECTING ART AND SCIENCE

June 24 at 7 p.m.

SOPHY TUTTLE

CREATURE CONSERVE

MASSWILDLIFE

EXHIBITS & EVENTS

We host exhibits & events for artists and writers who are combining art and science to study, celebrate, and protect animals and their habitats.



Victor Captain with "Surama Trails" paddles


From "Snakes of Singapore" by mentee Kenneth Chin

ANATOMY OF A TYPICAL SNAKE


Just like us, snakes have hearts, lungs, etc. Snakes can be more fragile than they seem. It's easy to hurt a snake's bones and internal organs when using handling or capturing equipment on a snake.

Types of Dentition


Enlarged front fangs
Vipers




No enlarged fangs
Pythons



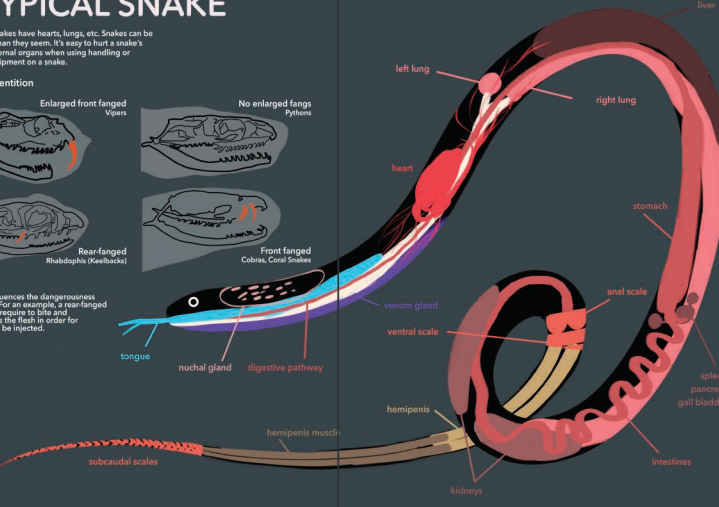
Rear-fanged
Rhabdophis (poisonbacks)



Front fanged
Cobras, Coral Snakes



Dentition influences the dangerousness of a species. For an example, a rear-fanged snake would require to bite and chew towards the flesh in order for the venom to be injected.




FIELD STUDIES

We support a new more creative and collaborative approach to biodiversity field studies, one in which artists and scientists work together.

NETWORK GROWTH

We coordinate and host a variety of online activities designed to support our scholars and attract new ones.





"Spotted Lanternfly" comic by Franco Zacharzewski



SCHOLARSHIPS

We provide scholarship stipends for artists, creative writers, and scientists as they explore the human connection to nature, creating new pathways to a healthier world for all animals.

"Mugger, the Marsh Crocodile" by Muskan Gupta

WORKSHOPS

Our workshops give participants the opportunity to practice making conservation science more accessible, meaningful, and relevant.

EXHIBITS & EVENTS

Heather McMordie—our first Arts Curator—joined Creature Conserve in April 2021 to curate our next major exhibit. Planning is now well underway for the inaugural Creature Conserve Biennial: “Re-Examining, Re-Imagining, and Re-Populating Conservation: Questions at the Intersection of the Arts & Sciences.” The Biennial is a series of exhibits that will feature work by visual, performance, and literary artists who are combining art and science to address the challenges facing animals today (extinction) and explore the potential solutions (conservation).

“Re-Examining Conservation” will be hosted by the Brown Arts Institute at Brown University’s Granoff Center April-June, 2022. In addition to the opening event planned for April 21, Creature Conserve will be hosting workshops for artists and writers and the Brown Animal Studies Group will be hosting a seminar for students, faculty and the general public.



“Urban Wildlife: Learning to Co+Exist” at the National Museum of Wildlife Art

FIELD STUDIES

Because of the pandemic, our field studies support was limited to ongoing projects. These included “Surama Trails Biodiversity” in Guyana led by Kenneth Butler, “Pangolin Plush” in the US led by Adam Moreno, and “Water for Elephants, People and Domestic Animals” in Kenya led by Fred Mepukori. In addition to rebuilding water holes (below), Fred and other members of his village have started learning how to keep bees as an elephant deterrent (right).



SCHOLARSHIPS



New scholars supported this year include Anna Garrett (“Slow Gaze” Artist Residency/“Pollinator Safari”, Mexico, left) and Eilleen Holland (“Ocean Power Animation” for Mystic Aquarium, USA, right.)

WORKSHOPS



Artist Tom Henderson collaborated with scientist Serene Chng and artist Sofiya Shukhova in partnership with the IUCN SSC Asian Songbird Trade Specialist Group to teach a workshop about the songbird trade; the goal was to create a repeatable surface pattern on the topic that can be downloaded and printed as a sketchbook cover, on apparel, and so on. (left). Artist Franco Zacharzewski teamed up with naturalist Timothy J. Wenskus to teach “The Voice of Citizen Science: Comics and Visual Journaling Workshop” (right); the goal was to combine field sketches, studies, and renderings to create an open form comic on the topic.

NETWORK GROWTH

In 2021, we continued to offer all six of the new online activities developed last year. These are: Artist Talks, Community Space (using Slack), the Mentorship Program, Online Workshops, Scientist Q & A, and Theme Weeks (on Instagram). We also added a seventh activity: Leadership Training.

Pollinator studies by Lisa Schnell



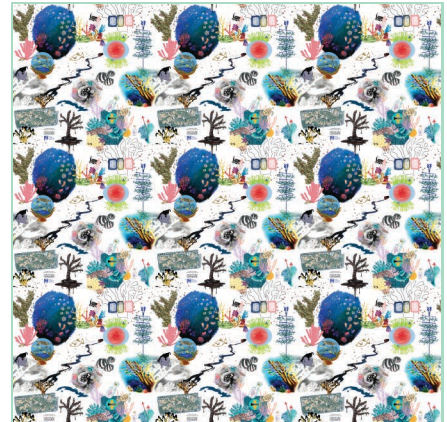
MENTORSHIP PROGRAM

Our Mentorship program is designed to be a support system for artists, creative writers, and scientists as they collaborate and explore the human connection to nature, creating new pathways to a healthier world for all animals. Derek Russell is our 2020-21 Mentorship Program Leader.



ARTIST TALKS

Artist Talks feature conversations with artists who use scientific information and/or collaborate with scientists to create art about animal conservation. They are hosted, edited, and shared by Elif Ilkel, our 2020-21 Social Media Coordinator.



ONLINE WORKSHOPS

Our online workshops give participants living and working anywhere in the world the opportunity to learn from our scholars and practice making conservation science more accessible, meaningful, and relevant. Franco Zacharzewski is our 2021-22 Workshop Director.



SCIENTIST Q & A

Our Scientist Q & A sessions give everyone a chance to hear directly from artists and scientists who are working together to solve conservation problems. They are recorded on Zoom, edited by us, and shared on our social media.



LEADERSHIP TRAINING

Creature Conserve leadership and art+sci professional development training modules are designed to help participants better understand and overcome the barriers, real or perceived, between artists and scientists who work in conservation. They are free for all our activity leaders and mentors.



THEME WEEK

Theme Weeks are designed to be shared on Creature Conserve social media. Each host chooses an animal, ecosystem, or conservation effort they wish to spotlight, makes a series of posts featuring their own art/science work on the topic, and invites others to participate.

METRICS 2021

We met or exceeded every metric we set for 2021.

1. Increase the number of scholars* each year

- We supported 74 scholars (55 artists, 10 writers and 9 scientists) – more than double the number (34) last year (27 artists, 2 writers and 5 scientists.)
- Our expanded Mentorship program is one reason for the increase: we welcomed 13 mentor/mentee pairs, up from 6 last year
- Since our first year of programming (2016) we have supported 136 scholars

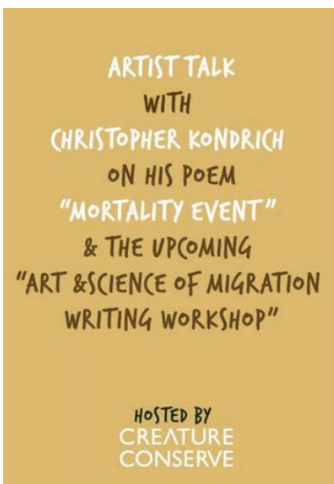


2. Support a diverse and international group of scholars* each year

- Participants in our programs represented 11 countries (Canada, Guyana, India, Israel, Kenya, Mexico, Singapore, Slovakia, Turkey, U.K., and the U.S.A. and three indigenous nations (Masai, Macusi, and Narrangansett.)

3. Track the activities of prior year scholars* and support them whenever possible

- Our prior year scholars continued to be very active in our programs — serving as coaches, instructors, and mentors.
- Artist scholar and mentor Jeanne Dodds curated “Submergence: Going Below the Surface with Orca and Salmon” in collaboration with Endangered Species Coalition and Jack Straw Cultural Center, Seattle, WA.
- Artist scholar and mentor Sophy Tuttle presented her work in a month-long exhibit at Curation 250 in Lowell, MA “MESA 30+1: A Celebration of the Massachusetts Endangered Species Act.” She also donated proceeds from the sale of her artwork to Creature Conserve.



4. Offer workshops that encourage and support art+sci collaboration in conservation

- We offered nine workshops for 157 participants (125 artists and 32 writers).
- Of these, five gave participants (60) the opportunity to explore new ways to combine art and science to improve conservation outcomes, and four gave participants (97) the opportunity to build their leadership skills.

* Creature Conserve Scholars include the following: exhibiting artists, field study recipients, mentors and mentees, part-time consulting artists, scholarship recipients, theme week hosts, and workshop instructors and speakers.

METRICS 2021

We met or exceeded every metric we set for 2021.

5. Increase the number of program participants (scholars + workshops) each year

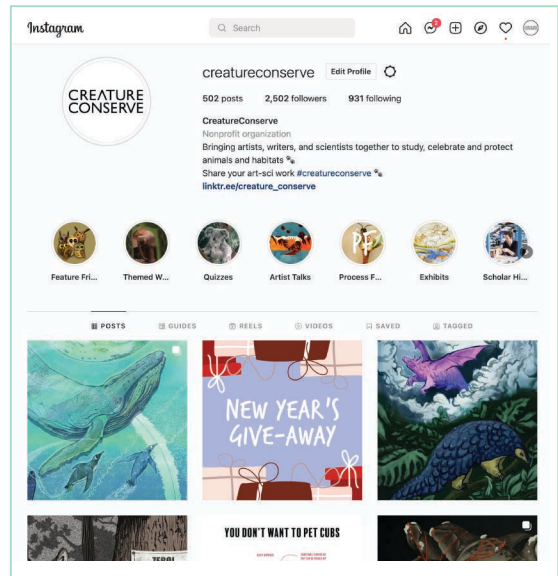
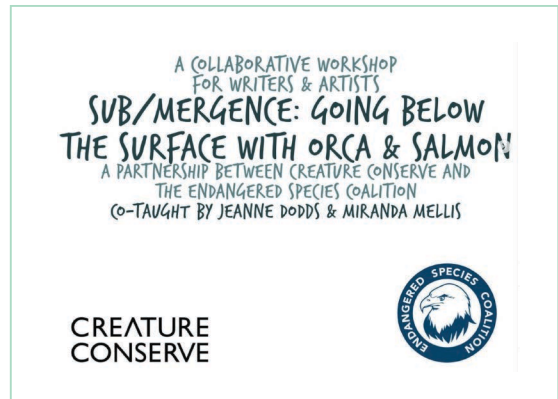
- Total participation was 231 (180 artists, 42 writers and 9 scientists) up from 216
- Our six-year total is now 677 (506 artists, 85 writers, and 86 scientists)

6. Continue to grow and interact with our target audience via social media

- Our Instagram following increased by 60%, from 1500 to 2469
- We posted to three new platforms (TikTok, YouTube, Linked In)
- We produced and shared the first season (6 episodes) of the **Creature Conserve Podcast** in addition to 9 Theme Weeks, 22 Artist Talks and 1 Scientist Q & A

7. Expand support from co-hosts/supporting organizations including conservation non-profits

- We continued to partner with Endangered Species Coalition, National Museum of Wildlife Art, IUCN Asian Songbird Trade Specialist Group and What Cheer Writers Club. New partners were Brown University and Tomaquag Museum.



IN THE NEWS

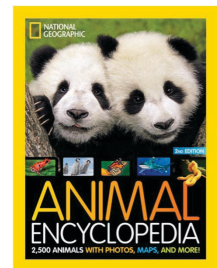


Creature Conserve workshops were featured in the magazine *Poets & Writers* (in print and on line) in July.

www.pw.org/content/conservation_stories

Founder Dr. Lucy Spelman was featured in several television news, podcast, and radio shows for her work as author of the "National Geographic Kids Animal Encyclopedia" in September.

www.laughingplace.com/w/articles/2021/10/08/national-geographic-animal-encyclopedia-book-review

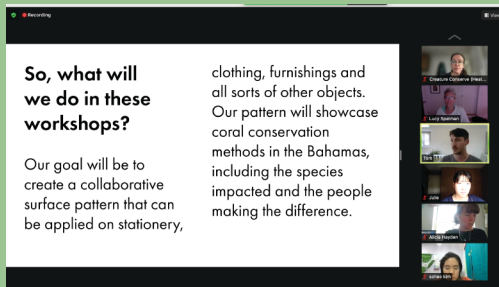


WORKSHOP FEEDBACK

Coral Conservation Pattern Artist Workshop

"I just wanted to thank you and everyone for the opportunity to work with you on this project. I was amazed by many of the individual pieces and then seeing how they came together really blew me away – truly AMAZING... (you) created something that shows the science in a way that will bring people in and get them to understand on an emotional level and not just a cerebral level (why corals are in trouble and what we can do about it.)"

– Guest scientist Dr. Craig Dahlgren



Songbird Trade Pattern Artist Workshop

"Thank you so much for the fee waiver and the opportunity to learn from such an amazing instructor and researcher. The multinational aspect of the workshop was a new thing for me and I love it!"



"Black and White Mynah Songbird Trade" by workshop instructor Tom Henderson.

Art & Science Animal Migration Writers Workshop

"I very much appreciated all of the prompts. There was always a level of mindfulness and applicability that tied into the lectures and over all themes that served to bolster my writing process."

Songbird (Baltimore Oriole) Migration

Icterus galbula
Mniotilta americana
 What is energy? Fat stores, places to rest

• Source of fat: insects (high fat, lower carb/protein), fruit (high carb, lower fat/protein) and where they live/grow: grasslands, forests, wetlands (gardens)

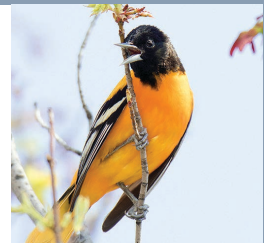
• Places to rest and shelter: shrubs, forests

• Birds do not feed overnight; normally have a high % body fat to survive overnight fast, up to 15%. Just prior to migration, % body fat can increase to 40%

• Calories are converted to fat, stored as fat, and metabolized back to energy

• No evidence that songbirds rest or seek higher fat foods before migration they just overeat before migration. (There are some species that do change their food habits)

• During migration, many songbirds are more omnivorous than they are during the breeding season eating more fruit and different types of insects at stopover sites



FINANCIALS OVERVIEW

EXPENSES

We provide the funding, expertise, and oversight needed to establish, sustain, and promote art/sci collaboration in conservation. Our expenses (by program area) include funds to cover the costs of art supplies, research equipment, and travel for scholarship and field studies recipients (Scholarships and Field Studies); exhibition/event expenses, including printing and shipping art and consulting fees for our arts curator (Exhibits & Events); stipends for artists, creative writers, and scientists who teach our workshops (Workshops); and, consulting fees for the three artists who coordinate, organize, and lead our online activities including mentorship, workshops, and social media (Network Growth.)

Since our founding in 2015, we have intentionally maintained low overhead, spending the majority (98% in FY21) of the funds we raise on our five program areas. We do this by keeping our administrative costs to a minimum (bank fees, postage, and software); relying on our strong social media presence for marketing and advertising; and, partnering with organizations (i.e., art galleries, co-working spaces, museums, schools, and writing groups) to host our programs rent-free. We also draw on the expertise of all-volunteer Board of Directors and our advisory group.

INCOME

Grants from private foundations are our main (74% in FY21) source of income. Other sources include board dues, exhibit and workshop entry fees, corporate gifts, and sales of merchandise. The organizations that host our exhibits and workshops also provide valuable in-kind support.



Giant otter, *Pteronura brasiliensis*. Photograph by L.H. Spelman (left), artwork by Andrew Andries. Andrew and his collaborator, scientist Indranee Roopserind, are working together (Field Studies project) to survey interactions between wild giant otters and people in the North Rupununi region of Guyana, South America.

FINANCIALS DETAILS 2021

EXPENSES

ADMINISTRATION

We spent \$1,053 on administration. These expenses included advertising/marketing, bank fees, software expenses and postage.

EXHIBITS AND EVENTS

We spent \$11,242 on exhibits and events. These funds were spent on consulting fees for our arts curator and planning for our FY22 Biennial exhibition as well as the cost of shipping our “Urban Wildlife: Learning to Co+Exist” exhibit from Wyoming back to Rhode Island.

FIELD STUDIES

We spent \$7,200 on field studies in three countries: Fred Mepukori in Kenya/Water For Elephants and People, Kenneth Butler in Guyana/Surama Wildlife Trails, Indranee Roopserind in Guyana/Giant Otter surveys, and Adam Moreno in the USA/Pangolins worldwide.

NETWORK GROWTH

We spent \$25,795 on network growth. These funds were spent on consulting fees for the three consulting artists who coordinate our online activities (Mentorship, Social Media, and Workshops) and stipends for theme week hosts/social media takeover.

SCHOLARSHIPS

We spent \$8,155 on scholarships. These funds were spent on art supplies, logistical support, and travel for nine scholars.

WORKSHOPS

We spent \$3,041 on workshops. We piloted a “pay-what-you-can” approach to our online workshops to encourage participation with excellent results; the income generated supported instruction and speaking fees.

TOTAL EXPENSES

We spent \$56,455 in FY21, of which \$55,403 (98%) was spent on our five program areas.

INCOME

Our total income was \$67,084, compared to \$44,084 in FY20 and \$30,664 in FY19, reflecting a steady increase in our fundraising totals. In FY21, we raised \$50,000 from six private family foundations, up from three foundations and \$30,000 the year prior. We also generated \$3,593 in income from our workshops with a small net (\$552), up from \$2,504 last year and no net.

In addition to repeat grants from four family foundations, we received two first-time foundation grants, one of which, from Island Foundation, will be used to support Indigenous Rhode Island creatives. We received our first corporate gift from Aspects, Inc. and a pledge from Brown Arts Institute to support our 2022 Biennial Exhibit.

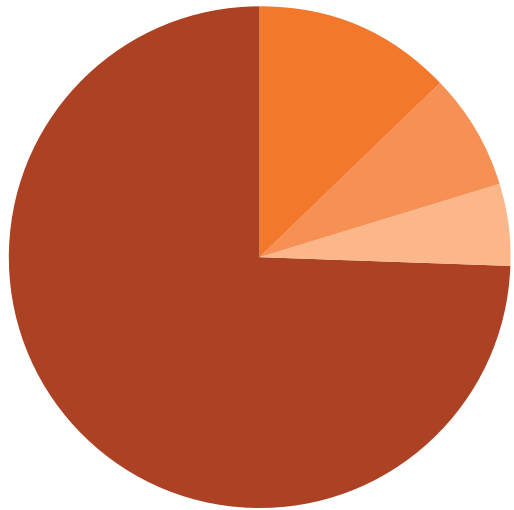







Coral Conservation “Positive” and “Negative” by Eunyung Chung.

FINANCIAL SUMMARY 2021

INCOME

In 2021, we raised the majority of our funds from foundations as in past years. We also substantially increased our income from our workshops. Our total income was \$67,083.65.

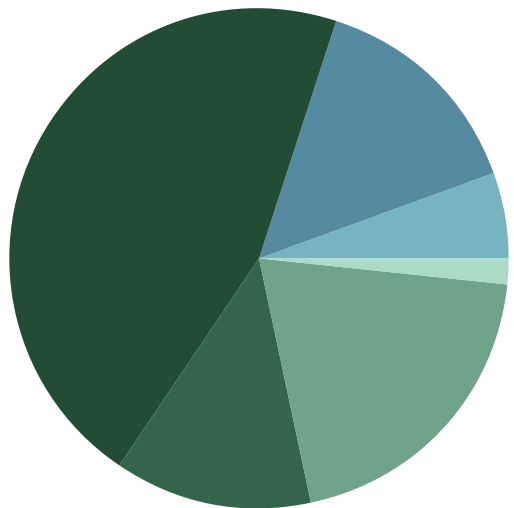











	DONATIONS GENERAL 13%	\$8,559
	DONATIONS RESTRICTED 7.3%	\$4,932
	EXHIBIT/WORKSHOP FEES 5.3%	\$3,593
	FOUNDATION GRANTS 74.4%	\$50,000
	OTHER GRANTS 0%	\$0

TOTAL INCOME 2021: \$67,083

EXPENSES

We spent a total of \$56,455.40 in 2021, nearly all of it on our programs. As in the past, our administrative costs were minimal.



	ADMINISTRATION 1.9%	\$1,053
	EXHIBITS 20%	\$11,242
	FIELD STUDIES 12.7%	\$7,200
	NETWORK GROWTH 45.6%	\$25,765
	SCHOLARSHIPS 14.4%	\$8,155
	- COMM ENGAGEMENT 18%	
	- RESEARCH 64%	
	- VISITING ARTIST 18%	
	WORKSHOPS 5.4%	\$3,041

TOTAL EXPENSES 2021: \$56,455

SCHOLAR TESTIMONIALS

IN THE LARVAL STAGE - AXOLOTLS OF XOCHIMILCO

SEARCH



FEATURED



Tuesday, June 29, 2021

CONVERSATION WITH ALEJANDRO CALZADA - BIOLOGIST, ECOLOGICAL CONSERVATION AND AJOLOTE EXPERT

A new poster depicting the species of Axolotl and Achoque in Mexico, advised by Alejandro Calzada, 2021. I was incredibly fortunate to be able to speak with UNAM scientist and ecologist Alejandro Calzada, via Zoom, on 12 May 2021. We spoke about the Mexican Axolotl, but he also opened my eyes to the fact that *Ambystoma mexicanum* are not the only Ajolote (or Achoque) salamander species in Mexico today. Alejandro works for an NGO, based in Central Mexico, and is a specialist in the field of Mexican amphibians: notably salamanders and Ajolotes. He has collaborated with ZSL (London Zo...

Share Post a Comment

READ MORE

ANNA GARRETT

Art and Science Axolotl Conservation in Mexico

'My Axolotl Project' (as I have been referring to it for nearly a year!) has kept my passion, research, and drive alive as an artist. It has given me real strength to re-discover my voice as a communicator, researcher and ecological activist. The concept of the 'slow gaze' has brought a core to my everyday experience - that I hope will never leave my life...

I cannot thank Creature Conserve enough... the project has allowed me to build connections in a diverse multitude of ways: through the Guapamacatara residency, the 'Drawing in Nature' workshops, and the scientists I have met and spent time with. I hope the outcome of this project will raise awareness to the realities of Xochimilco, the difficulties faced by both humans and non-humans alike - and help bring more aid to those fighting to preserve the traditional farming methods, Chinampa-Refugios and prosperity of the local Chinamperos- the Guardians of the Axolotls.

FAITH WILLIAMS

Cyclical Forces: Explorations on the interconnected relationships of plants and pollinators

The Creature Conserve scholarship helped push me to try something I would not have imagined for myself a couple years ago: working directly with scientists. The majority of my previous exposure to science was through magazine articles or documentaries; the world of scientists used to feel like such a separate world from the education and art gallery communities where I spend my time.

Creature Conserve and the network of amazing artists showed me that working directly with active scientists was not only a practice that can add immense depth and integrity to my artmaking process, it was something that was possible! ...I was able to build relationships with several scientists whom I can now reach out to for questions. ...This experience changed the way I approach my art process and how I see myself within the overall effort of conservation. Thank you for providing both the inspiration and funding that led me toward more intentional ways of creating artwork about environmental issues, as well as science-informed ways of sharing and explaining the work to viewers.



MEET THE 2021 CREATURE CONSERVE CONSULTING ARTISTS



From January through August, **SOFIYA SHUKHOVA** (Network Growth Activity Coordinator) continued to shape our programs and support our growing artist team in countless ways. She has returned to her art practice in September 2021 but continues on as a Creature Conserve Mentor and Networking Advisor.



Mentorship Director **DEREK RUSSELL** expanded his role as he continued to lead our first cohort of 6 mentor/mentee pairs to the completion of their program in May and welcome a second cohort of 13 pairs in September. The high interest in mentorship at Creature Conserve is a great indicator of Derek's vision and leadership.



Social Media Coordinator **ELIF ILKEL** expanded her role as she continued to post to social media while also updating our website, launching a podcast, interviewing artists, and supporting all our online activities and programs with her talent.



In April, printmaker and illustrator **HEATHER MCMORDIE** joined our leadership (core) team as our arts curator; her responsibilities included developing an exhibit proposal, securing a gallery, and posting a call for entry for our next exhibit - she has been both busy and productive!



Illustrator and painter **FRANCO ZACAHARZEWSKI** joined our network growth activity team in August as Workshop Director; he immediately made several contributions, including streamlining our online workshop planning process. He is currently working on our first newsletter.



Illustrator and Designer **SAMANTHA DEMPSEY** joined the Creature Conserve board in 2019 and uses human-centered design practices to support the development of organizational strategy. She facilitates strategic decision-making and advises the design of Creature Conserve's programs.

ABOUT CREATURE CONSERVE

Board of Directors: Abby Adams (Secretary), Chloé Bulpin, Samantha Dempsey, Nick Jainschigg (Vice Chair), Cameron Little, Nicole Merola (Clerk), Melissa Torres (Treasurer), and Lucy Spelman (Chair).

In her 2015 TEDx talk, **Creature Conserve founder Dr. Lucy Spelman** describes how her work as a zoo and wildlife veterinarian led her to seek new ways to engage people in conservation by connecting art and science. Over the course of her career, she has treated animals of all kinds, from cockroaches to giant pandas. She has lived in Rwanda, where she managed the veterinary team responsible for the world's only mountain gorillas, has served as Director of the Smithsonian National Zoo, and is a published author. In addition to scientific articles, she contributed the title story and co-edited the others in "The Rhino with Glue on Shoes" (Random House, 2008) and wrote the text for the popular "National Geographic Animal Encyclopedia" (2021, 2nd edition).

She has taught biology to architecture, art, and design students at the Rhode Island School of Design since 2010 and continues to practice veterinary medicine at Ocean State Veterinary Specialists.

Artists have always been interpreters of our time. Through their eyes, the science of saving species and the importance of taking a one-health approach to conservation becomes accessible, meaningful, and relevant—and, the source of positive change.

– Dr. Lucy Spelman, Founder, Creature Conserve



"Hands Off" by Emily Schnall

CREATURE CONSERVE

Connecting Artists and Scientists to Save Species

Find out more at creatureconserve.com and follow [@creatureconserve](https://www.instagram.com/creatureconserve) on Instagram.

connect@creatureconserve.com
12 Rosedale Ave, Barrington, RI 02806