Internship

2019

- **Leanna Balestra ($3,240):** Leanna will be collecting and analyzing sand samples on the south shore of Long Island, NY to assess the presence of microplastics and where they most frequently appear geographically. This project is an expansion of research she is currently conducting on the Gold Coast of Australia and will provide a great comparison as both locations are large urban areas with direct access to the open ocean, yet have ocean gyres that operate very differently.

- **James Ballantyne ($2,190):** James will be interning with Purpose Energy, a wastewater treatment company that maintains an on-site Tribrid Bioreactor at Magic Hat Brewery, which has a patented anaerobic methane conversion digester utilizing wastewater from the brewing process to generate electricity from usable biogas. Several projects James will be assisting with include quantifying biogas production within a lab setting, researching better phosphorus reclamation techniques, improving the energy demand for the facility’s water clarification process, optimizing outputs for the facilities main generator, and exploring economic value for the digester’s nutrient rich biosolids.

- **Nathaniel Bauder ($5,280):** Nathaniel will be serving as a summer interpretive intern at Gettysburg National Military Park where he will be engaging directly with the public, preparing and presenting interpretive programs related to the Battle of Gettysburg and the American Civil War, performing historical research, and assisting visitors of the park. This ties directly with Nathaniel career goals of becoming a National Park Service Ranger, ideally at a military park.

- **Madison Fagant ($5,760):** Madison will be completing an internship with the National Marine Life Center rescuing, rehabilitating, and releasing stranded and injured marine mammals and sea turtles. She will also be educating the public and visitors on marine life and ocean conservation. This experience will greatly assist her in pursuing a Master’s in Marine Biology followed by a career in the marine life rehabilitation field.

- **Abigail Glenn ($1,680):** Abigail will be at The Jaguar Rescue Center working directly with all phases of wildlife rehabilitation and husbandry including daily care of non-releasable animals and animal releases. She will also be learning about international environmental law and regulation regarding rehabilitated animal release dictated by the behavioral and emotional health of animals.

- **Kimberly Korioth ($5,760):** Kimberly will be focused on helping Rhode Island prepare for future climate change – specifically, rising water levels and more intense storm events through a formal assessment of shoreline vulnerability across the state. She will be doing this through an internship with the Rhode Island Coastal Resources Management Council.

- **Sachi Segan ($1,620):** Sachi will be interning with TerraCycle, a company that collects and repurposes hard-to-recycle waste through various innovative platforms. As an individual very engaged with sustainable initiatives, Sachi will be facilitating and assisting in brand partnerships
and gain a better understanding of sustainability from multiple perspectives including consumer, producer, environmental activist, and educator.

- **Jin Yin ($3,360):** Jin will be completing an internship with Windward Environmental LLC, an environmental, consulting company that both conducts client-based projects but also works with the EPA to provide environmental suggestions. Specifically, Jin will be researching interacted factors that contaminate the environment and explore the most detrimental factors using a provided dataset.

2018

- **Nicholas Bentley ($3,450):** Nicholas will be engaging with therapeutic horticulture, the use of plant and plant-related activities to promote mental well-being, a state of restfulness, and to accelerate healing and recovery, with several local Syracuse sites that have active programs. His goals are to complete assessment and research on therapeutic horticulture in regard to patient involvement and engagement, and cost-benefit analysis of specific activities.

- **Timothy Bova ($1,750):** Timothy will be researching frogs of the Pelophylax genus assisting with field capture, data collection, and lab work alongside faculty and graduate students at Nanjing Forestry University in China. He will also assist with additional on-going projects and herpetofauna including viper niche partitioning and radio tracking endemic vipers/elapids.

- **Mikayla Call ($2,500):** Mikayla will conduct wildlife research in the Darhad Valley region of Mongolia, focusing on local flora, fauna, and ecosystem processes, all which are understudied. She will also directly assist with research regarding the Mongolian Wolverine Project, dedicated to documenting the wolverine (Gulo gulo) for the first time in Mongolia.

- **Reilly Carlson ($2,500):** Reilly will be working with the Northwoods Wildlife Center working directly with all phases of wildlife rehabilitation including basic medical procedures, transports and releases, and care of non-releasable animals. She will educate center visitors through short ecology program and site tours.

- **Rebecca Cosgrove ($4,250):** Rebecca will be interning with Baltimore Woods Nature Center assisting Environmental Educators delivering lessons in the Syracuse City School district and on-site field trips to the nature center. She will also work on program development, review and assessment of educational programs, and grant-writing.

- **Harris Eisenhardt ($3,600):** Harris will be developing a prototype sustainability impact report focusing on the construction and planning of a new museum to be erected in Easton, PA with a team of interns. Specifically he will be analyzing key information regarding community health, energy, and economic impacts from the project and will be reporting and presenting results to various stakeholders.

- **Taylor Mallaber ($500):** Taylor will be focused on helping to rebuild communities in Puerto Rico and relieving recent hurricane devastation, expanding her skills in construction and working in unstable communities with the All Hands and Hearts organization.
• **Laine McCall ($2,900):** Laine will be completing a policy internship with Natural Resources Solutions, an organization that tackles modern conservation problems, specifically performing qualitative research used to gain an increased understanding of stakeholder resistance to the Endangered Species Act.

2017

• **Molly Devlin ($2,640):** Molly will be working with Wind Cave National Park surveying and performing paleontological digs, and monitoring air quality and surface/groundwater. She will also be assisting a world renowned cave microbiologist testing for new antibiotic resistant bacteria.

• **Carrick Palmer ($5,760):** Carrick will be interning with Friends of the Chemung River Watershed assessing and monitoring the many waterways of the watershed and spearheading the educational clean water program for youth called “What’s that in Our Water?”

• **Elliott Carlson ($3,360):** Elliott will be completing a self-developed internship associated with World Wide Opportunities on Organic Farms assisting three different farms in planting, harvesting, land restoration, invasive species removal, and building construction while also assessing overall farm sustainability practices through research he will be conducting.

• **Alexandra Grove ($5,500):** Alexandra will be interning with the Council of Park Friends at Clark Reservation State Park as a naturalist where she will be developing and leading public programs and designing interpretative exhibits focused on environmental education and stewardship.

• **Rozayra Mori Millet ($4,440):** Rozayra will be interning with Baltimore Woods Nature Center removing invasive species that are threatening native wildlife and habitats, impacting forest succession. She will also be assessing and collecting data on the impacts of current management strategies to evaluate their effectiveness.

• **Robert Pedian ($1,025):** Robert will be traveling to Chiapas, Mexico with an ESF faculty member and graduate student to complete field research on measuring vegetation productivity and soil fertility. He will also be assessing environmental restoration techniques and their impact on local systems in collaboration with the native peoples.

• **Alden Morris ($6,720):** Alden will be completing an self-developed research internship in collaboration with the NYS Office of Parks, Recreation, and Historic Preservation (Clarks Reservation State Park) to gain and understanding of Amsterdam’s park planning and programming practices. Alden will be developing an outline of intervention to incorporate successful practices from Amsterdam into the NYS Parks system.

• **Joey Wagner ($4,950):** Joey will be in Victoria Falls, Zimbabwe at a private game reserve assisting directly with wildlife conservation of many animals, including the big five (rhinos, elephants, buffalos, lions and leopards) and on-going research.
- **Dana Carris ($3,500):** Dana will participate in underwater archaeological fieldwork in Menorca, Spain as part of the Sanisera Archaeology Institute for International Field Schools. Specifically, he will excavate shipwrecks and submerged structures at the ancient Roman port of Sanitja and create a GIS platform of the submerged site.

2016

- **Tom Baker ($5,760):** Tom will be working with Andropogon in Philadelphia, PA understanding landscape performance metrics and monitoring, how to utilize this information in the design process, advance his technical design skills, and participate in designing real-world projects.

- **Rand Michaels ($3,240):** Rand will be interning with Cross Islands Farms in Wellesley Island, NY seeking to gain firsthand expanding the Edible Forest Garden and working on building, planting, and assisting with educational activities on the farm. Rand will utilize his experience to develop a non-site workshop centered around sustainable and healthy diets for members of the local community.

- **Vanessa Gravenstine ($4,790):** Vanessa will be working with GVI’s elephant conservation and habitat preservation in Thailand. She will be networking with staff, obtaining practical field experience, and gaining tangible skills in data collection methods.

- **Maria Scicchitano ($5,000):** Maria will collaborate with researchers and practitioners at the School of International Training (SIT) in Iceland taking classes in resources economics and renewable energy, engaging in educational excursions, and conducting independent research.

- **Kristine Earley ($4,440):** Kristine will work closely with rangers and animal caretakers to assist on the animal reserve in Hartesbeespoort, South Africa. She will be doing varying “life improvement projects” for the animals in rehabilitation care as well as upkeep of the properties’ grounds.

- **Chloe Blaisdell ($4,926):** Chloe will use her time to study in the Tarangire-Manyara ecosystem in Tanzania Africa, working hands-on in the field to learn wildlife and conservation practices.

- **Taylor Brown ($3,559):** Taylor is aiming to pursue a unique internship with SODIS, a non-profit organization that promotes solutions for access to safe water, works to improve the health of families in rural and peri-urban areas. She will go to Cochabamba, Bolivia and build sanitation facilities, teach appropriate hygiene practices, and design portable water supply systems for in-need communities.

- **Ian Blochwitz ($3,836):** Ian will be participating in a self-designed internship in Stockholm, Sweden with the urban agriculture company Plantagon International AB. He will focus on understanding the company's energy demand for multiple, company-specific building designs and become educated on the company's relationship as a nonprofit and other entities.

- **Olivia Iannone ($3,090):** Olivia will travel to the province of Cordoba, Argentina to work as a volunteer at a wildlife sanctuary called Pumakawa. Pumakawa does work in regional...
conservation and is home to twelve pumas as well as a variety of other mammals, birds, and reptiles that cannot be released back into the wild.

2015

- **Jazmine (Angela) Galarreta ($5,000):** Angela was accepted to work with Operation Wallacea - a network of academics from European and North American universities, who design and implement biodiversity and conservation management research programs. Angela will work closely with professional wildlife biologists and graduate students to conduct biodiversity surveys in the Calakmul Biosphere Reserve in Mexico including surveys on jaguars, monkeys, and bats, and assist with camera trapping, mammal tracking, and ANABAT recording.

- **Anna Poliski ($4,000):** Anna will collaborate with researchers and practitioners at the School of International Training (SIT) in Iceland. She will take classes in resources economics and renewable energy, engage in educational excursions, and conduct independent research.

2014

- **Austin Demarest ($4,367):** Austin will travel to the Philippines to conduct habitat research on a type of minnow native to Lake Manguao in the Philippines. Austin will also participate in local conservation outreach, collaborate with partners at Western Philippines University, and provide assistance in establishing Lake Manguao as a Municipal Protected Area.

- **Katie Mott ($6,580):** Katie seeks to spend six weeks volunteering with a non-profit organization, Soil for Life in Cape Town, South Africa. Katie will immerse herself in the culture and will assist the organization in creating soil quality maps that will benefit the organization and surrounding community. She will also work on educating the community through workshops, as well as volunteering in the organization’s garden.

- **Erin Reidy ($4,090):** Erin will be working directly with a program called Gap Medics in Thailand which gives students the opportunity to work with doctors and patients while learning about tropical diseases.

**Independent Exploration**

2019

- **Bryan French and Kimberly Herman ($5,050):** Bryan and Kimberly will be participating in several workshops and design charrettes in Vitoria-Gasteiz, Spain engaging in discourse involving urban green systems and green infrastructure. They will also complete and independent field study of Salburua, a park within the Green Belt of Vitoria-Gasteiz that has undergone ecological transformation altering as a wetland to farmland and restored back to a wetland. The final product of their experience will be a digital book documenting Salburua’s history and green infrastructure through writing, drawing, and photography.
- **Kaitlin Knutson ($4,290):** Kaitlin will be traveling to the Republic of Palau and undertake the first comprehensive study of the diversity of Laboulbeniomycetes, a unique group of fungi that are external parasites of insects and other arthropods, both terrestrial and aquatic. Because Laboulbeniomycetes are heavily understudied and evolution is often accelerated on isolated islands, there is the likelihood that new species may be discovered, which would lead to Kaitlin co-authoring a scientific paper with ESF faculty Dr. Alexander Weir.

- **Anna Rossi ($5,000):** Anna will be participating in an intensive, three-week academic program focusing on the Colombia civil war and peace building throughout the country, building upon the personal research Anna has already conducted. Anna’s career goals are to ultimately reside permanently in Colombia assisting with sustainable development and given the country’s history, this program will be invaluable in her navigating the complexities and intricacies of peace building within the country.

- **Lucía Perez Volkow ($3,200):** Lucía will researching a critically understudied area of women’s traditional ecological knowledge (TEK) of agroforestry system in the Americas, specifically in Lacanja Chansayab, Mexico. From her research, she will produce a children’s book about TEK that will be provided to the school library, family collections, and classrooms to educate and empower Lacandon Maya young girls and return learned knowledge and experiences back to the local community.

2018

- **Alicia Bateman ($2,500):** Alicia will be completing research on the relationship between the Korle Lagoon and the surrounding urban settlements, culminating in a proposal for ecological engineering solutions to mitigate flood risks of the area and improve ecosystem health in Accra, Ghana.

- **Michael Mahoney ($860.61):** Michael is receiving funding to assist with start-up costs regarding a summer research internship with the NYS DEC where he will be exploring the impacts beavers have on forest structure and composition in NY as they begin creating management challenges.

- **Joanne Pereira-Melo and Olivia Pinner ($4,050):** Joanne and Olivia will be participating in several workshops and design charrettes in Vitoria-Gasteiz, Spain engaging in discourse involving urban green systems and green infrastructure. They will also complete and independent field study of a park system analysis of Vitoria-Gasteiz, Madrid and Bilbao to gain a stronger understanding of how urban parks play a role in connecting culture and ecology.

- **Cameron Piper ($2,500):** Cameron will be furthering her skills in field research, study design, project management and monitoring techniques through an immersive conservation experience in northern Mongolia with a specific focus in under-studied landscapes and wildlife.

- **Kiley Voss ($2,500):** Kiley will be traveling to Costa Rica to complete research that directly affects stakeholders in their communities as it relates to their natural and human resources, with a direct aim to solve relevant and real environmental problems such as the growth of ecotourism and increasing practice of agriculture.
2017

- **Jacquelyn Gier ($1,810):** Jacquelyn will be at The Omega Center for Sustainable Living participating in an ecological literacy program and obtaining her permaculture design certificate.

2016

- **Denali Trimble, Grace Belisle, Mark Tepper, Kristina Macro, Julia Woznicki ($876):** Denali, Grace, Mark, Kristina, and Julia are working as an interdisciplinary team in the Biomimicry Global Design Challenge. Their goal is to identify a problem in the food system and use biomimicry design processes to create a solution. Their design will have environmental, economic, and social impacts that will lead to a more sustainable food system.

- **Melanie Wilson ($4,928):** Melanie is looking to collaborate with existing contacts to photographically document the fruting fungi of the Nagano Prefecture of Japan. The overall purpose of this project is to gain a greater understanding of the breadth of fungal species on two different continents and to explore the scientific and cultural aspects of Japanese society.

2015

- **Rachel Scudder ($3,000):** Rachel will study and document the comparative impact of culture and accountability of solid waste management practices in Syracuse and Washington State (Carson and Seattle). Rachel work with the World Wide Opportunity on Organic Farms (WWOOF) during the summer then travel to Kyoto, Japan, this fall during her fifth-year landscape architecture study abroad experience. She will create a comprehensive comparative analysis of the three regions to share with the campus community and hopes her study and reference guide will help others better assess methods of waste management.

2014

- **Elizabeth (Katja) Fierta ($3,850):** Katja will travel to Katmandu Valley to work with the Kevin Rohan Memorial Eco Foundation at an ecovillage. Katja will design a water filtration system for the village so they no longer have to drink bottled water. She has several design possibilities and seeks to work with villagers to train on them on the system. She also hopes to design and implement a rainwater collection system to reduce water shortages.

- **Stanley Kolosovskiy ($2,100):** Stanley seeks to complete an entrepreneurial venture of a home aquaponics system. His system will utilize highly efficient LED’s for lighting while recycling waste heat to warm the water in the system. Stanley will use Arduino and Raspberry Pi technology to implement water parameter tests that can notify the user of problems with the system using online messaging. Stanley hopes to develop a system that is user-friendly enough to be sold in stores like IKEA so the average person can grow their own fruits and vegetables at home.