

GRANTS IN AID OF RESEARCH AWARDS (GIAR)

October 2024 Grant Cycle

Grant Recipients by State/Country

ALABAMA					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Morenike	Samuel	Doctoral Student	The University of Alabama	Anthropology	Journeying Through Pain: Exploring the Psychological Effects of Sickle Cell Anemia (SCA) in Lagos, Nigeria using a Syndemics Framework
McKae	Sarkowski	Undergraduate Student	Auburn University	Behavioral Ecology	A novel experimental approach for studying sexual selection and male mate choice in wild turtles
ARIZONA					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Matthew	Coyle	Doctoral Student	Northern Arizona University	Conservation Biology	Assessing the Physiological Impact of Contaminant Exposure on Bats at the World's Largest Iron Mine
CALIFORNIA					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Luca	Kuziel	Doctoral Student	University of California-Merced	Ecology	Impacts of Crocodile Predation on a Recovering Large Herbivore Population
Lauren	Merlino	Doctoral Student	University of California-Irvine	Physiology/Functional Morphology	Do Endocannabinoids Mediate Seasonal Life-History Transitions from Mating to Feeding Behavior?
Chinmay	Sonawane	Doctoral Student	Stanford University	Ecology	Modelling effects of lions on disease spillover from buffalo to cattle
CANADA					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Krishna	Basani	Undergraduate Student	McMaster University	Cell Biology/Biochemistry	Regulation of Extracellular Vimentin During Wound Healing in the Ocular Lens
Natasha	Jawa	Doctoral Student	Queens University-Kingston	Psychology	IMPACT-ICU Study - Improving medical and psychological outcomes after discharge: A pragmatic, mixed-methods, open-label randomized controlled trial examining the effectiveness of a follow-up care bundle for ICU survivors and caregivers
Ming Fei	Li	Doctoral Student	University of Toronto	Anthropology	Sentinel role of dogs in a pastoral community experiencing nighttime risks

CHINA					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Qianting	Deng	Masters Student	South China Normal University	Cell Biology/Biochemistry	Beneficial effects of photobiomodulation against oxidative damage in Parkinson's disease
CONNECTICUT					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Lillian	Behm	Doctoral Student	Yale University	Psychology	Hippocampal involvement in infant sequence memory
Lorraine	Perez	Masters Student	University of Connecticut	Ecology	Does maternal antipredator behavior mediate the effect of urbanization on disease risk in Darwin's finches?
DELAWARE					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Promita	Deb	Doctoral Student	University of Delaware	Cell Biology/Biochemistry	Role of $\alpha 5\beta 1$ integrin in the pathogenesis of fibrotic posterior capsular opacification
FLORIDA					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Renato	Guzman	Undergraduate Student	University of Central Florida	Conservation Biology	Determining Wetland Alteration Effects on Pathogenic Infection in Large Aquatic Salamanders.
Gillian	Smith	Undergraduate Student	Eckerd College	Climate Science	Do Caribbean King Crabs have the ability to physiologically tolerate thermal stress?
Asa	Wong-Gómez	Masters Student	University of Florida	Anthropology	Sharing the Stock: Food Sharing in Turkana, Kenya
IDAHO					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Dawson	Bell	Doctoral Student	Boise State University	Chemistry	Unraveling Phloroglucinol's Superior Control of Heterogeneous Ice Nucleation
Anton	Pugel	Doctoral Student	Boise State University	Cell Biology/Biochemistry	Exploring the Contribution of Bone Marrow Stem Cells to Spermatogenesis

ILLINOIS					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Patrick	O'Bryan	Masters Student	Southern Illinois University-Edwardsville	Conservation Biology	Siren intermedia nettingi Radio Telemetry Study: Investigating Movement and Space Use
Sydney	Szwed	Doctoral Student	Illinois State University	Systematics/Evolutionary Biology	The Link Between Male Aggression and Immunity: A Critical but Neglected Life-History Trade-off
INDIA					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Deeksha	Naik	Undergraduate Student	Siddaganga Institute of Technology	Cell Biology/Biochemistry	Investigation of the protective effects of AMPK activation against energy stress in cold-stored ex vivo donor corneal endothelium
Sankar Narayan	Misra	Doctoral Student	TCG CREST	Computer Science/Mathematics	Advances Segmentation, Coregistration, and Skull Stripping for Brain Tumor Treatment Planning Using Deep Learning Techniques
INDIANA					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Caroline	Edwards	Doctoral Student	Indiana University-Bloomington	Systematics/Evolutionary Biology	Phylogenetic comparative analysis of the ecological and evolutionary drivers of trait diversity in Viola
INDONESIA					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Januar	Putra	Undergraduate Student	University of Sultan Ageng Tirtayasa	Engineering	Sustainable Iron Recovery from Red Mud via Low-Temperature Electrolysis with Carbon-Based Electrically Conductive Colloids from Spent Batteries
IOWA					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Shaghayegh	Abtahi	Doctoral Student	Iowa State University	Engineering	Investigating the Sustainability and Biodegradability of Hydrophobic Cellulose-Based Devices
Gabriel	Mogbojuri	Doctoral Student	Iowa State University	Engineering	Enhancing the Dielectric Breakdown Strength of PDMS Thin Films for Advanced Electromechanical Systems and Therapeutic Applications

MAINE					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Madeleine	Yung	Masters Student	University of Maine	Physiology/Functional Morphology	Assessing Short Term Impacts of Diet on American Lobster Physiology
MARYLAND					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Nirvan	Bhatia	Undergraduate Student	Johns Hopkins University	Physiology/Functional Morphology	Targeting HMGB1 to Reduce Choroidal Neovascularization and Subretinal Fibrosis in Wet Age-Related Macular Degeneration
Sophia	Koontz	Undergraduate Student	St Mary's College of Maryland	Ecology	Impact of saltwater intrusion on the legume-rhizobium symbiosis of a cover crop
Samantha	Turner-Rosa	Doctoral Student	University of Maryland-College Park	Ecology	Migrating Mangroves: Nectar chemistry and the potential for pollinator-mediated plant range expansion
MASSACHUSETTS					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Julius	Tabin	Doctoral Student	Harvard University	Cell Biology/Biochemistry	Investigating Entomophthora muscae Infection and Manipulation Through Proteomics
MICHIGAN					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Heather	Durfee	Doctoral Student	Oakland University	Physiology/Functional Morphology	Identifying the pacemaker cells of spontaneous wave activity in the developing retina
NEW JERSEY					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Gianpiero	Florentino	Doctoral Student	New Jersey Institute of Technology	Physiology/Functional Morphology	The impact of extinction on biological communities through deep time
NEW YORK					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Cody	Belden	Undergraduate Student	St Lawrence University	Physics/Astronomy	Investigating the Effect of Downward Magnetic Fields on Cellular Proliferation via Voltage-Gated Ion Channels

NORTH CAROLINA

First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Ishaan	Narsinghani	Undergraduate Student	Duke University	Cell Biology/Biochemistry	AV3: A Novel Approach to Counteracting Resistant Ae. Aegypti
Zachary	Spicer	Masters Student	Appalachian State University	Ecology	Distribution, abundance and diet of Plethodon yonahlossee
Anna	Strickland	Doctoral Student	University of North Carolina at Chapel Hill	Geosciences	Investigating the petrological and geochemical record of melt-related rocks within exhumed subduction complexes

OHIO

First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Arjun	Dheenan	Masters Student	University of Cincinnati	Chemistry	Hollow Fiber Membranes for Co-Delivery of Therapeutics
Madison	Schaefer	Masters Student	Ohio State University	Geosciences	Mobilization of per- and polyfluoroalkyl substances (PFAS) in a coastal aquifer driven by tidal and seasonal variations in water exchange

PENNSYLVANIA

First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Mahendra	Pawar	Doctoral Student	Pennsylvania State University	Cell Biology/Biochemistry	Predation stress: Understanding the Impact of Predation Risk on Prey Physiology

PUERTO RICO

First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Alan Joel	Figueroa Ruiz	Masters Student	Universidad de Puerto Rico en Mayaguez	Conservation Biology	Assessing physiological health of T.m. manatus infected with T. gondii: parasite identification and prevalence in estuarine waters using flotation analyses and multiplex qPCR
Alondra	Urrutia	Undergraduate Student	Universidad de Puerto Rico en Mayaguez	Climate Science	Tracking Abundance and Diversity of Marine Cyanophages Over Time In Coastal Waters of Puerto Rico

SOUTH CAROLINA

First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Gael	Gonzalez	Undergraduate Student	College of Charleston	Physics/Astronomy	Enhancing Ultraviolet Monitoring of Stellar Activity with a Novel Imaging System Utilizing CubeSat Technology
Sarah	Rider	Doctoral Student	Clemson University	Ecology	Cryptobenthic Colonization Rates on ARMS in the Florida Keys

TENNESSEE					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Antonio	Aleman	Undergraduate Student	Christian Brothers University	Cell Biology/Biochemistry	Impact of HuR regulation on Fat Oxidation Rates in Skeletal Muscle of Mice
Amelia	James	Doctoral Student	The University of Tennessee Knoxville	Behavioral Ecology	How does competition affect thermoregulatory behavior in a small endotherm?
TEXAS					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Jerod	Aguilar	Doctoral Student	Southern Methodist University	Geosciences	Message in a Bottle: Prebiotic Evolution, From Sea to Land
Kiedon	Bryant	Doctoral Student	Texas A&M University	Behavioral Ecology	The Dads that Stepped Up: Examining the Neurogenetic Basis of Allopaternal Care in Darters
Nina	Donkor	Doctoral Student	University of North Texas Health Science Center	Cell Biology/Biochemistry	Impact of Inhibiting HDAC4/5 On Retinal Ganglion Cell Survival In a Mouse Model of Chronic Glaucoma
Yoshitaka	Furuta	Doctoral Student	Baylor College of Medicine	Cell Biology/Biochemistry	Testing the therapeutic potential of follistatin in restoring neurogenesis in Alzheimer's disease
Ilana	Mosley	Doctoral Student	Texas A&M University	Ecology	A longitudinal assessment of the fecal microbiota in relation to canine Chagas disease progression
Jacqueline	Rich	Doctoral Student	Texas A&M University	Physiology/Functional Morphology	Development of a Bioinspired Artificial Vagina for Semen Collection in Swine
VIRGINIA					
First Name	Last Name	Education Status	Institution	Field of Research	Study Title
Kathryn	Gour	Masters Student	College of William and Mary	Psychology	The Relationship Between Neural Resonance Profiles and Autism Spectrum Personality Traits
Maclaren	Johnson	Undergraduate Student	College of William and Mary	Ecology	Costs of Larval Cloning in the Daisy Brittlestar <i>Ophiopholis aculeata</i>
Esther	Oyedele	Doctoral Student	Virginia Polytechnic Institute and State University	Geosciences	Understanding Climate Interactions with Groundwater Variability in the Contiguous U.S. Select