

➤ **LAB CREW—ANIMAL HUSBANDRY AND AQUACULTURE TEAM**

SARAH KERR—AmeriCorps Environmental Educator and Lab Technician
*Junior, Biology Major—Ecological Concentration
Middle Tennessee State University*

Sarah will be a senior this upcoming fall at Middle Tennessee State University. She is majoring in biology with a concentration in ecology and plans to pursue a master's degree in biology following her graduation. Sarah has worked in an environmental toxicology lab at MTSU for 2 ½ years and plans to continue her research in the environmental sciences through graduate school. Outside of school, Sarah has also worked as a veterinary assistant for 6 years, currently working in emergency veterinary medicine. In her free time, Sarah enjoys reading, hiking, camping, and traveling. She is excited to be a part of the team at the biology field station this summer and share her passion with her teammates, as Laboratory Technician on the Animal Husbandry Crew and AmeriCorps Environmental Educator, while gaining experience in a new environment.



NICOLE ARKENAU
*Junior, Biology major, Spanish and Marine Biology Minor
Thomas More University*

Nicole will be a junior at Thomas More University in the fall and is majoring in Biology along with a minor in Spanish and Marine Biology. She chose this field due to her experience as a high school volunteer at the Newport Aquarium, where she found her passion for marine life. She also works as a work-study in the Biology Department at Thomas More University and volunteers to care for the organisms present on campus as well. In her free time, she enjoys going on hikes, swimming, and being with her friends. This summer she is a part of the Husbandry team and the environmental education program. Nicole is excited to work alongside her peers to gain valuable experience in research.



ÁMBAR DEL MAR NEVÁREZ PAGÁN
*Senior, Biology Major—Pre-Veterinary Minor
Universidad del Sagrado Corazón*

Ambar is a rising senior at the University of the Sacred Heart located in San Juan, P.R. where she is pursuing a major in Biology and a minor in Pre-Veterinary. On campus, she has served as part of a research project under the auspices of Increasing Student Success in STEM (ISSS) and is also a member of the Pre-Veterinary Association. Growing up with a passion for science and animals, after graduation she plans to attend veterinary school and specialize in aquatic medicine. In her free time, she enjoys hiking, swimming, reading, and spending time with friends and family. This summer she will be joining the Animal Husbandry Lab crew and is looking forward to gaining more experience in aquatic biology while working with a new group of like-minded peers!



➤ **ENVIRONMENTAL ACADEMY—STREAM TEAM and HAB DETECTION CREW**

GRACE BAIR

*Junior, Geology Major Major—Sustainability concentration
University of Pittsburgh*

Grace will be a rising junior at the University of Pittsburgh in the fall and is a Geology major with a concentration in Sustainability. She enjoys new learning experiences and is looking forward to being a member of the Stream Assessment Crew this summer. At the University of Pittsburgh, Grace works in the Geochemistry Research Labs in the Departments of Geology and Environmental Science where she assists graduate students with their research. Grace is also an Undergraduate Teaching Assistance within the Geology Department and is the Business Manager for the Geology Club. She is interested in sustainability, conservation, remediation of groundwater contamination. After Pitt, Grace plans on graduate school with a focus in Geology and water. She is beyond excited to for the summer internship at the Thomas More University Biology Field Station.



KATIE MARX

*Senior, Biology major and Spanish Minor
University of Cincinnati*

Katie is a rising senior at the University of Cincinnati, majoring in Biology with a Spanish minor. Over the past year, Katie has worked as a research assistant on two separate projects in the Booth Aquatic Biology Lab at UC, where she gained experience monitoring urban stream systems. She hopes to further her experience in this field by working as a member of the Stream Team this summer at the field station. In her free time, Katie enjoys reading, hiking, and spending time with friends and family. Katie is incredibly excited to get to know her peers and gain valuable research experience at the field station this summer!



➤ RIVER CREW (OHIO RIVER BIOASSESSMENT TEAM)

SARAH GIBSON

*Junior, Biology Major—Ecological Concentration and Environmental Science Minor
Thomas More University*

Sarah is a Junior at Thomas More University studying to become an aquatic biologist. She has a passion for language as well, which has inspired her to learn Spanish and take on a minor. Last summer, Sarah was an environmental educator and mentored high school students at the Biology Field Station. She will be continuing her work in education in addition to being a member of the River Crew this year. Alongside her work at the field station, Sarah will be interning as an environmental field technician through a partnership with the Cincinnati/Northern Kentucky International Airport (CVG). In her free time she enjoys drawing, fishing, and having breakfast for dinner. After graduation, she plans to attend graduate school and gain experience studying aquatic systems and organisms. Sarah is very enthusiastic to work with a new group of peers and further her knowledge in her field.



DELANEY MALLOY

*Junior, Environmental Studies Major and Biology Minor
University of Cincinnati*

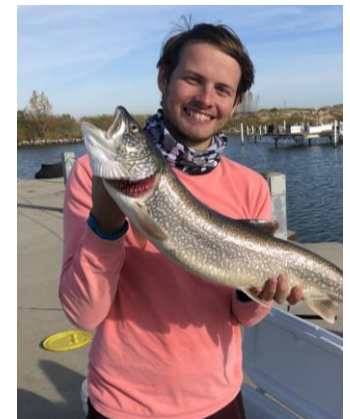
Delaney Malloy is a rising junior at the University of Cincinnati with a major in Environmental Studies and a minor in Biology. She works as a sustainability advocate for the university doing work like planning a community sustainable garden, holding various film discussions and lectures, and working as a mechanic to fix/rent out bikes to students on campus at the UC Bike Kitchen. She is also a fellow with the Post Landfill Action Network, petitioning and researching how to stop the spread of plastics and petrochemicals on campus and within the Ohio River Valley. Moreover, she works in Dr. Carlie Trott's Collaborative Sustainability Lab that revolves around youth climate justice and equity. When not doing sustainability work, she can be found doing yoga, reading, and finding new coffee shops with friends. She is really looking forward to this summer and cannot wait to gain new friendships and experience on the River Crew.



NOAH VAN NEVEL

*Senior, Biology Major—Aquatic Biology and Fisheries Concentration
Ball State University*

Noah is a freshly-graduated Ball state student with a bachelor's degree in biology with a concentration in aquatic biology and fisheries. For his final semester, he was the vice president of the ball state chapter of the American fisheries society and enjoyed organizing and reviving that club. Noah spent his previous two summers as an Interpretive Naturalist at the Indiana Dunes State Park where he gave interpretive programs and guided hikes for the public so that they may become educated on the wonderful nature and history we have right in our backyards. In his free time, Noah enjoys hiking and fishing where there is a trail or a body of water. If you can fish it, he will enjoy it. Noah is excited to spend this summer with a group of peers who share the same passion for our environment as he does.



MATTHEW WIMMERS

*Junior, Biology Major
Thomas More University*

Matthew is a rising Junior Biology major at Thomas More University. He is excited to be a member of the Ohio River Bioassessment Crew this summer. At Thomas More Matthew is a part of the Alpha Lambda Delta Honors Society and Blue and Green club. After Graduation he plans to attend graduate school to pursue a career in fisheries biology and fisheries management. Matthew is an avid fisherman in which his favorite species to target is the muskie. He also enjoys learning about the weather, watching sports with his friends, listening to music, and hanging out with his sister and nephew. Matthew is excited to get hands-on experience as well as being able to educate about the biodiversity of the Ohio River this summer.



➤ ENVIRONMENTAL EDUCATORS AND WORK-STUDY CREW

NOLEN HOKAMP

*Sophomore, Biology Major
Thomas More University*

Nolen will be a sophomore at Thomas More University and will be spending his first summer at the Field Station as a work study and environmental educator. Nolen is majoring in biology and plans to minor in environmental science. He plays saxophone in the band and is a member of the biology and marine biology clubs. He enjoys hiking, camping, and backpacking, and has been all over the country. Nolen is looking forward to learning from the interns this summer.



KAILAN KEITH

*Sophomore, Biology Major
Thomas More University*

Kailan is a sophomore Biology major at Thomas More University, and a member of the varsity wrestling team (165 lb. weight class). He enjoys pushing himself in the classroom, as much as the weight room and wrestling room. He is an avid outdoorsman and loves hunting and fishing. Channel catfish and fox squirrels are among his favorites. He also enjoys hiking and exploring the wilderness, whether that be wading through a creek or trudging through the woods. He is excited to be live at the Station and contribute as a work-study student and environmental educator.



EMMANUEL OLOO

*Sophomore Biology Major—Pre-med Track
Thomas More University*

Emmanuel is a sophomore at Thomas More University and is majoring in Biology with a concentration in Pre-Medicine. Emmanuel is a career Ambassador at the ICG department, a member of the Biology Club at Thomas More and aspires to go to Medical School. For the past two years he volunteered at a private medical emergency service company abroad that catered towards community education and timely response to medical emergency. In his leisure time, Emmanuel enjoys watching science fiction movies, going out with friends, and researching on the current trend in the tech world. He is very excited to be going to the Biology Field station this upcoming summer and looks forward to gaining experience in research and aquatic biology.



DAKOTA SPRUILL*

*Second year Masters, Biology
Austin Peay State University*

Dakota earned a bachelor of science in environmental studies from Roanoke College in 2020 and is currently finishing his masters in biology at Austin Peay State University. Dakota will be working in a seasonal capacity as a biologist with the Ohio River Valley Sanitation Committee. In his free time, Dakota enjoys fishing, hiking, going to the gym and listening to live music. While Dakota will not be involved at the field station, he looks forward to learning about what the group is working on.



*Dakota will living on-site at the Biology Field Station and serving as a seasonal biologist for [ORSANCO](#).

➤ FIELD STATION YEAR-ROUND STAFF

TESS MULREY—*Field Station STEM Outreach Coordinator*

Tess is a biologist, naturalist, and environmental educator, and has served as the STEM Outreach Coordinator at the Station since fall 2019. Tess has always enjoyed being outdoors and found animals fascinating, but did not realize her passion for ecology, education, and outdoor recreation until she was an undergraduate student at the University of Cincinnati ('11). While at UC, Tess majored in Biological Sciences, focusing in Ecology & Evolution, with an ES minor. She worked as an undergraduate researcher studying the behavioral ecology of wolf spiders and worked as a field tech with the USFWS at Big Oaks NWR, studying the behavior of the threatened N. Crawfish Frog. Also during college, Tess began working as an environmental educator at the Cincinnati Zoo and Botanical Garden and was an active member of the UC Mountaineering Club. After college, Tess worked as a park naturalist and again at Big Oaks NWR before pursuing her M.S. in Biology. Tess earned her M.S. from Illinois State in 2015, studying the mate-finding behaviors of burying beetles. After her M.S., Tess returned to Cincinnati to start her family, and has continued to work as an environmental educator for a few local organizations. When not at the Station, Tess is kept busy by her three young children. She enjoys traveling, hiking, camping, painting, and tap dancing with any spare time she gets.



GREG WILKINS—*Field Station Senior Volunteer*

An Amateur Radio operator, Greg volunteered for PaddleFest in 2009, and was assigned to the Sea Ark and Dr. Lorentz. Thus began his connection to and involvement with Thomas More and the Field Station. Thirteen years later, he volunteers at the Station in many areas; locating needed supplies at reduced cost (i.e. free), fixing something that is broken, teaching how to make coffee in a French Press, walking the dog, if that what it takes. Greg has multiple undergraduate degrees, none of which have anything to do with Biology or the Earth Sciences. After matriculation, his 'productive' years focused on Warehousing, Transportation and Distribution. He retired 12-31-17, a birthday gift to himself. Greg has a daughter who married a wonderful son in law, a remarkable 16-year-old Grandson, and married to his wife for 29 years. Other interesting facts: he is the first person in his family to be born in a hospital; he represented the Cub Scouts live on "The Ed Sullivan Show" for National Scout Week. Greg is always willing to listen and learn, asking "why?" or sometimes "why not?" Working with "kids," learning from them, interacting with them, and more importantly gaining mutual respect from them is what keeps him "wandering over" to the Station to "do what he can."



DR. SABINE ZACATE—*Field Station Horticulturist and Assistant Biology Professor*

Dr. Zacate is a Plant Virologist and a faculty member in the Department of Biological Sciences. She is living in the Bird House with her dog Rudi. She is member of Tri-Beta at TMU and loves doing research. Some recent independent research involved investigating antimicrobial properties of certain type of wood resins and the development of nucleic acid extraction methods from *Cannabis sativa* with the goal of developing virus diagnostics in industrial hemp. Rudi loves people, other dogs, treats and going on walks. He is not fond of swimming but thinks the Ohio River is the best water to drink from!



DR. CHRIS LORENTZ—*Field Station Director and Biology Professor*

Dr. Lorentz began at Thomas More University in 1994. Since then, he has taught a variety of classes, including Aquatic Bio, Evolution, Genetics, and Invertebrate Zoology, among others. In 1999 and in 2015, he received the award for the Outstanding Full-Time Teacher of the Year. Alongside his teaching, he serves as the Director of the Center for Ohio River Research & Education at the Biology Field Station. Through the Center, he has been awarded several teaching & research grants and collaborates closely with the USEPA, USFW, and other agencies on projects related to the ecology of the Ohio River watershed. Dr. Lorentz currently serves on the Board of the Ohio River Basin Alliance and serves as the President of the Organization of Biological Field Stations, an international community of Field Stations in 21 countries spanning six continents. The most rewarding aspect of his work is the development and training of undergraduate students in the STEM fields.

