

NEWSLETTER OF THE EDWARDS AQUIFER RESEARCH & DATA CENTER – TEXAS STATE UNIVERSITY

FLOWPATHS



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Winter 2022 News

Aquatic Science Adventure Camps 2022



Registration opens January 14th so make sure to sign up!

We're back in 2022 for single day, weeklong, and overnight camps! Camps this year will have a combination of some of our favorite, classic activities as well as new and exciting science and adventure to please new and returning campers. Information and registration can be found on our website at <https://www.eardc.txstate.edu/camp.html>. Check out the Parent Handbook and our FAQ page to answer questions about camps. Includes information about activities, cell phone policy, and other details about camp.

<i>Dates</i>	Camp*	Age
<i>June 5 - 10, 2022</i>	Overnight Expedition Camp 1	9-11
<i>June 12 - 17, 2022</i>	Overnight Expedition Camp 2	12-14
<i>June 19 - 24, 2022</i>	Overnight Expedition Camp 3	9-11
<i>June 26 - July 1, 2022</i>	Overnight Expedition Camp 4	12-14
<i>July 7, 2022</i>	Discovery Day – Habitats	12-14
<i>July 8, 2022</i>	Discovery Day – River Runner	12-14
<i>July 11 - 15, 2022</i>	Aquatic Investigators Camp	15-16
<i>July 17 - 22, 2022</i>	Overnight Expedition Camp 5	9-11
<i>July 25 - 29, 2022</i>	Explorer Day Camp 1	9-11
<i>August 1 - 5, 2022</i>	Explorer Day Camp 2	12-14
<i>August 8, 2022</i>	Discovery Day – Habitats	9-11
<i>August 9, 2022</i>	Discovery Day – River Runner	9-11

*All camps are subject to cancellation dependent on enrollment and current regulations concerning COVID-19. Detailed camp schedules will be released in January.

Camp Descriptions

Overnight Expedition Camps – The overnight camp runs from Sunday afternoon through Friday afternoon. Campers will spend the first part of the week on the main Texas State University campus staying in a residence hall. The last 3 days of camp are spent at the scenic University Camp, a Texas State-owned property located along the shores of the beautiful Blanco River. Campers will experience a wide variety of exciting, educational activities including river rafting, scuba diving, exploring a wild cave, ropes course, and even a natural water slide! Throughout the week, campers

will engage with our knowledgeable staff by participating in scientific investigations related to water and the environment. Cost: \$1000.

Aquatic Investigators Day Camp – This year for the first time there will be a camp for 15-16 year old campers with a passion for science. The camp runs from 8:30am to 5pm Monday-Friday and features a variety of adventure and science programming. Campers will get the opportunity to learn lab and outdoor research skills, engage in conservation efforts, and meet a variety of professionals in the field of Aquatic Science. This camp is geared towards campers who are interested in science as a career pathway and/or are just passionate about learning science. Lunch is provided. Cost: \$500

Explorer Day Camps - We offer a week-long day camp for campers who would like the camp experience without an overnight component. The camp runs from 8:30am to 5pm Monday-Friday and features many of the daytime science and recreational activities from the overnight camp including river rafting, caving, scuba diving, and more. Lunch is provided during camp. Cost: \$500.

Discovery Day Camps – This year for each age group there will be two independent single day programs that will be offered. Discovery Day Camps run from 9am to 4pm. The Habitat Day will include a mussel hunt in the Guadalupe River and an aquatic plant ecology class. The River Runner Day's main activities will be tubing down the San Marcos River and a macroinvertebrate lab. Lunch is **not** provided; campers will need to bring their own food for the day. Cost: \$60.

Check the website for available scholarships, including options from the BSEACD. Other need-based scholarships may become available throughout the spring so make sure to check back into our website periodically.

Spotlight on Research



Picture shows shells of the *Pyrgulopsis harrymilleri*.

Partnering with colleagues from UT Rio Grande Valley, EARDC researchers recently helped describe two new species of tiny aquatic snail from far West Texas. Millers springsnail (*Pyrgulopsis harrymilleri*) and the red springsnail (*Pyrgulopsis rubra*) are each known from a single tiny spring in the Chihuahuan Desert in Presidio County: one of the driest parts of Texas. At 2.5 millimeters the snails are about the size of a piece of Nerds candy. Their discovery could help provide insight into West Texas' wetter past and how streams and rivers in the region have evolved over time.

Holiday & COVID Hours

The EARDC analytical lab is currently open Monday – Thursday, 8am – 5 pm, closed for lunch 12-1:15pm, bacteriological samples are not accepted on Fridays, only by special request.

The lab will be closed on Monday, January 17th for MLK day.

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