

MICROCYSTIN, UNDER A MICROCSOPE.

Supported by the K21 Health Foundation, we sample 14 lakes and seven public beaches every week from June-August, and 12 streams biweekly year-round! (You may have been on our weekly toxin update list this summer.)

How can microcystin impact dogs? The water samples we take are processed and analyzed for microcystin, a toxin produced by blue-green algae, pictured on the left. If ingested or left on the skin for too long, microcystin can cause health problems for people.
t's especially dangerous for animals, such as dogs.

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eft Each story in Your Lake, Your Story
ncludes an original sketch, created by Scott

The Williams Family Generations on Winona

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summer nights, when Winona Lake is calm, one of the best views is the moon rising over the water. "It's like nothing else," said Chandler Williams. "So peaceful."

Chandler and his family currently live on the west side of the lake and own the family home that was once the Winona Lake clubhouse. In the early 1900s, the Williams' properties backed up to an eight-hole golf course, but the green has been
long-since replaced by residen tial properties.

Winona Lake appeals to nearly everyone who visits. Drawn by the community (their Fourth of July celebrations are enjoyed by the whole neighborhood) and year-round lake activities the Williams family has spent four generations on the shoreline.

Multiple generations of the Williams family support the

Lilly Center, too. The family has volunteered with Lilly Center research and education as well as offered insights and assistance with marketing and communication efforts.

In the next 100 years, Chandler's vision for the lake is clear. We want the lake to be as clean or cleaner than it is today," he said. •

Flip to the back cover to see more




## DELANEY SANDBAKKEN

Delaney studies environmental biology and chemistry. She works on the aquarium team, which gives her a better understanding of fish and how to maintain an aquarium. So far, her favorite class has been Dr. Bosch's environmental science course. Delaney plans to go on to veterinary school after grad uating from Grace.


## LILY RAINWATER

Lily is studying environmental science and communications. While on the research team last fall, she learned how to sample and monitor streams. In her classes, she gained complementary experiences analyzing local forests and wetlands. Lily plans to use her skills to help with native landscaping (and to inspire others.)

## MAKAYLA SANDBAKKEN

Makayla studies environmental science and behavioral science. She believes that her time at Grace will help her enter her deal career field and provide her with the skills she needs o succeed. After graduation, Makayla hopes to find a job that allows her to work with animals while helping maintain healthy environment


## LYNDY HEIGN

Lyndy is studying environmental science, French and chemistry. She works on the research team, sampling and doing lab work. Lyndy has found that real-world experiences at the real-worla experiences at the Lily Center provide an exce would like to go on to graduate would like to go on to graduate
school and eventually work on school and eventually work on the policy side of environmental science.


## CARTER SCHUH

Carter is studying environmental science, archaeology and worship arts. He currently works on the research team, which will help give him a head start in the field of environmental science. In the future Carter hopes to get a job in research, so he can further un derstand the natural world and the impact we have on it.


LINDSEY ROBINSON Lindsey studies environmental science, sustainable agriculture and chemistry. While working on the research team Lindsey has learned how to effectively communicate ideas, analyze her work and how to be patient when trying to identify algae species while in the Lilly Center's lab. Lind in the Lilly Center's lab. Lindin conservation after college


## MEET JED.

Jed is the newest Lilly Center staff member, but he's no stranger to the team! Jed is a 2019 Grace College graduate and a former member of the Lilly Center research team. He worked at Element Labs in Fort Wayne after graduation, but he decided to return to the Lilly Center as a full-time staff member in 2021. Among other tasks, Jed helps run the research lab, guides the student research team and monitors quality control processes. As a life-long learner, Jed enjoys the outdoors as much as the indoors. He frequently takes deep dives into topics like the world of microorganisms or the inner workings of quantum physics.

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LILLYCENTER FOR LAKEES estreams

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