Lilly Center for Lakes & Streams
Excellence in Education

Dr. Nate Bosch, Caitlin Yoder
Wednesday, Sept. 18, 2019
2019 Governor’s Award for Environmental Excellence in the Education/Outreach category
Context

• Kosciusko County, IN
• Lakes
  • Over 100 lakes
  • Lake Wawasee
  • Lake Tippecanoe
• Streams
  • Almost 600 miles of streams
  • Tippecanoe River
• Continental divide
Our Strategy

• Research
  • Solving problems strategically
  • Identifying emerging threats
• Education
  • Inspiring the next generation
  • Changing behavior now
• Collaboration
  • Effectiveness
  • Efficiency

Our Mission
Making our lakes and streams clean, healthy, safe, and beautiful
Lilly Center K-12 Programs

- Aquatic Petting Zoo
- Lake Adventure Days
- Classroom Lake Experience
- Lakes & Streams Student Art Contest
Aquatic Petting Zoos

- Reached 330+ students during the 2018-19 school year
- Students experience four native species: catfish, crayfish, frogs and turtles
- Learn about habitats, life cycles and more
Lake Adventure Days

- During the 2019 event, the Lilly Center hopes to teach 800+ fourth-graders about their impact on local waterways
- Students learn through water testing, watershed demonstrations, fishing lessons, crafts and more
Classroom Lake Experience

- Reached over **2100 students** during 2018-19 school year
- Community Lake Experience reached **4000+ community members**
- Aquariums hold 4-5 native fish and represent lake habitat
- Students learn about social responsibility, food webs, their watershed, non-point source pollution, stormwater management and more
Lakes & Streams Art Contest

- 12th-annual contest
- Last year, **254 4th-12th grade students** contributed artwork
- Creatively displays beauty of local lakes and native wildlife
- Winning pieces are displayed in local businesses from May-July
Partnership with Grace College

- Equipping future teachers: the Lilly Center currently employs 5 education majors from Grace College education department
- Student team members help plan and write original curriculum, run programs, and teach in classrooms throughout the county
- Education department also helps host Lake Adventure Days
In-House Field Trips

- Almost 20 hands-on, place-based field trips are planned for this school year
- All field trips meet Indiana and Next Generation Standards
- Students use unique tools, like virtual aquarium and augmented reality sand table
- Adaptable programing will supplement what teachers are already doing in their classrooms
● “Thank you for so much for hosting my class! You did a great job squeezing in both lab and outdoor information! My students had a great time!” - Local 8th-grade teacher

● “Mrs. Baier impacted me because I learned a lot of important facts and am now thinking of going to Grace College.” - Local 8th-grade student

● “This trip impacted me to continue my love for studying our planet and the beings that live here, big or small.” - Local 8th-grade student

● “Thank you so much for our aquarium! It has been a beautiful, helpful tool to teach about our environment and keeping our creatures safe.” - Local 4th-grade teacher

● “Thank you for the fish and catfish. I loved them. My favorite job was feeding the fish. I miss them already.” Local 4th-grade student

● “We loved learning about our local lakes with our fish tank!” - Local 1st-grade teacher
Thank you!