

## SCHOOL NOTES

### IL student attends Bob Jones orientation

Karen Gilmer of Indian Land attended orientation at Bob Jones University on June 23-24. She will attend the school, majoring in biblical counseling, on Aug. 30.

Located in Greenville, the school opened its doors to parents and prospective students to attend informational sessions and become familiar with the campus student life and financial aid.

### Next Alive at 25 course July 25

All Lancaster County School District students must complete an Alive at 25 course before being allowed to park on campus.

The next course is 9 a.m.-1:30 p.m. July 25 at the Barr Street Learning Center, 610 E. Meeting St., Lancaster.

Each course is 4.5 hours long and is taught by a certified police officer. It costs \$35 and all payments should be sent to S.C. National Safety Council, 121 Ministry Drive, Irmo, SC 29063. Scholarships are available for students facing a financial hardship.

To register, visit [www.scalive-at25.com/](http://www.scalive-at25.com/) or call (803) 732-6778.

### Blood drives can earn scholarships

The Community Blood Center of the Carolinas is offering local high school and college students a chance to earn a \$1,000 scholarship.

To qualify, students must host a successful blood drive with CBCC anytime through Sept. 30 as part of the local nonprofit community blood center's ninth annual Students Saving Summer program.

For details, call (888) 592-5663 or email [student@cbcc.us](mailto:student@cbcc.us).

### York Tech receives Duke scholarship

The Duke Energy Foundation has awarded the York Technical College Foundation a \$40,000 scholarship for its utility line worker program.

The program is an eight-week certificate program offered at the college's heavy equipment and line worker training site in Chester. It includes line worker underground, line worker pre-certification and line worker overhead courses. Graduates are prepared for entry-level positions with utility and cable companies.

*Editor's note: We welcome your submissions. Send education information to Carolina Gateway, P.O. Box 640, Lancaster, SC 29721; fax it to (803) 283-8969; or email it to [cgnews@thelancasternews.com](mailto:cgnews@thelancasternews.com). Deadline is 5 p.m. Thursday for the next week's paper.*

# ILHS teacher, students do environmental study in Vermont

photos courtesy of THOMAS TOWNSEND

Anna Juarez, left, and Nisha Patel ride on a research boat on Lake Champlain.



Indian Land High teacher Dr. Thomas Townsend and two students visited Vermont in June to research water in the Lake Champlain basin. From left are Anna Juarez, Townsend and Nisha Patel.



Nisha Patel, left, and Anna Juarez examine bugs in a net.



Nisha Patel, left, examines bugs using a microscope.

## Students study water, bugs to learn the scientific method

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An Indian Land High School teacher and two students visited Vermont in June to do research on water in the Lake Champlain basin and bring their new skills home to put into practice.

Dr. Thomas Townsend, Anna Juarez and Nisha Patel visited Burlington, on the east side of Lake Champlain, from June 19-23, along with 19 other groups from high schools in Vermont and Puerto Rico.

Students and teachers watched presentations at Saint Michael's College in Colchester, Vt., about 20 minutes from Burlington, and also researched what makes parts of the water resilient in the Lake Champlain basin.

"The purpose of the various sessions was to introduce the students to the scientific method," Townsend said.

Students learned about the scientific method by using inquiry, data collection

and analysis, and potential investigative questions, he said.

The program – Vermont Experimental Program to Stimulate Competitive Research (EPSCoR) – is funded by a grant from the National Science Foundation, Townsend said.

Part of the funding was awarded for research on the Lake Champlain Basin Resilience to Extreme Events (BREE), he said, which is a program within EPSCoR.

Townsend, Anna and Nisha were the only group selected to attend the program who weren't from Vermont or Puerto Rico.

"It was awesome to be around other kids from different places who also like the things we learned," Nisha said. "We made a lot of cool friends from Puerto Rico and Vermont who told us what it was like in their environments, too."

Nisha, 15, said she learned how to identify bugs and catch them.

The bugs are caught for

macroinvertebrate sampling, which indicates the health or condition of wetlands.

The group also was able to get hands-on experience while riding on the lake on a research boat.

Townsend said the students will use what they learned to help with a project they've planned to research water entering the Catawba River.

Townsend said the three of them will find two streams draining into the river.

They will do a habitat assessment and then a bimonthly water quality assessment on samples, which will take three to four months.

"The samples are sent to the lab at St. Michael's for analysis," Townsend said. "The students will begin to formulate a research investigative question that can be answered by the type of data collected."

He said at the end of the process, the samples will be returned to Indian Land High for further analysis.

## FOOTBALL 2017

It's football season again and time for our annual section focusing on local teams, coaches and cheerleaders! Don't miss out on being a part of an award winning section.

**Deadline: Tues., Aug. 1, 2017**  
**Publishes: Wed., Aug. 16, 2017**

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