

## Students get wet at Voyageurs National Park

Friday, August 4, 2006

The seven SCSU students who joined a professor on a research outing in Voyageurs National Park early this summer were advised to pack, among other things, a sleeping bag, flashlight, boots and several pairs of socks "as you will get wet and mucky." The professor himself promised to bring along "write in the rain" notebooks and pens for each participant.

Cell phones and laptops? Not needed – no access.

Associate Professor Matt Julius, biological sciences, and his students spent two weeks collecting water samples from Rainy Lake, Kabetogama Lake and Namakan Lake in an effort to determine what impact, if any, houseboat grey water discharge has on water in the protected national park. Grey water is non-sewage water such as runoff from showers, sinks and decks on watercraft, the only craft allowed in the park.

The students earned three credits for the project as well as real research experience and the chance to interact and network with employees of the National Park Service, U.S. Geological Survey and Minnesota Pollution Control Agency. Participants were biology majors Joseph Carlyon, Hayfield, who graduated this spring; junior Judith Georges, Delano; Eric Hanson; spring graduate Jeannette Hoffer, Plymouth; senior Cassie Kraetsch, Hayfield; senior Ashley Lindeman, Park Rapids; and Mark Kuusisto. The latter is staying on, as an intern, to spend the summer completing the sampling work.

The work was funded by the U.S. Department of the Interior-National Park Service with matching funds from SCSU. It is anticipated that the SCSU course and summer internship will be the beginning of a five-year partnership to bring SCSU water quality research expertise on an ongoing basis to the water-based park on the northern Minnesota border.

