

APS Teacher to Go on Antarctic Expedition

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Washington-Lee High School physics teacher Kate Miller will be participating in a scientific expedition to the South Pole this coming winter.

Miller will be joining other K-12 teachers on a team at the [Ice Cube Neutrino Observatory](#) in Antarctica. The team will be researching high-energy neutrinos.

Miller will “experience first-hand what it is like to conduct scientific research in some of the most remote locations on earth,” and will then be able to use that experience to

help engage her students back in Arlington.

“While on field expeditions, teachers and researchers will share their experiences with scientists, educators, communities, and students of all ages through the use of Internet tools such as online teacher and researcher journals, message boards, photo albums, podcasts, PolarConnect real-time presentations from the field, and online learning resources,” noted a press release. “After the field experience, teachers and researchers will continue to share their experiences with the public and create instructional activities to transfer scientific data, methodologies, and technology to classrooms.”

The expedition is being managed by the Arctic Research Consortium of the U.S. (ARCUS) and funded by the National Science Foundation;

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