Research Alliance in Math and Science

http://www.csm.ornl.gov/Internships/RAMS.html

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Summary

The Research Alliance in Math and Science (RAMS) program is carried out through the Computing and Computational Sciences Directorate at the Oak Ridge National Laboratory (ORNL) for the Mathematical, Information, and Computational Sciences Division of the U. S. Department of Energy's Office of Advanced Scientific Computing Research. The RAMS program continues to provide unique, hands-on educational experience through innovative approaches to underrepresented students majoring in mathematics, computer science, engineering technology, and the computational sciences.

Paul Donnelly found his niche in the SensorNet Project during his first summer internship through the Research Alliance in Math and Science (RAMS) program. Paul, a freshman student at the University of Tennessee, Knoxville, was aggressive in his aspirations and applied to the RAMS program during his freshman year—most students aren't thinking of internships during their freshman year—and most freshmen lack the skills and knowledge needed to step into a research environment.

Paul's research proposal was written with an uncommon maturity for his age and academic experience, which prompted research staff in the Computational Sciences and Engineering Division (CSED) to serve as his summer mentors.

Paul quickly learned the background of the SensorNet Project and dedicated himself to becoming a valuable team member. Before the end of the summer, the CSED was working with the University and the ORNL human resources staff to convert Paul to a co-op position. Upon learning of his

acceptance into program, he wrote, *'Thank you for taking a chance on me by allowing me to participate in the RAMS program.'* It is a win-win situation: Paul is continuing his education, and ORNL has gained an outstanding young researcher in a project that is already being implemented to help assure America's security. Paul is the second co-op student to be selected from the RAMS program.

Paul Donnelly is currently a co-op student working with the SensorNet Project in the Data System Sciences Engineering Group.

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Additional information on the 2006 RAMS program, student projects, and photographs from tours and events can be accessed at: http://www.csm.ornl.gov/Internships/RAMS_06.

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