



Computer Science and Information Technology Student Pipeline



Program Description

Los Alamos National Laboratory's High Performance Computing and Information Technology Divisions recruit and hire promising undergraduate and graduate students in the areas of Computer Science, Information Technology, Management Information Systems, Computer Security, Software Engineering, Computer Engineering, and Electrical Engineering. Students are

provided a mentor and challenging projects to demonstrate their capabilities and contributions over time. Students are assessed by mentors and managers, and when possible, students are converted to entry level staff at the Laboratory.

FY12 Data/Impacts

LANL Funding: These students are paid from programmatic funding within the organizations. This program is a part of the larger LANL Student Programs effort, but focuses on IT/CS skills and capabilities. No external funding is sought.

Program Costs: \$2,500,000 (salaries)

Program Duration: One to eight years, depending on degree being sought. About one-fourth of our student population work

year-around, the remainder only during summer.

Student participation:

Undergraduate students: 31

Graduate students: 18

High School Coop student: 1

Other Information: Since 2004, approximately 55 students have been converted to LANL regular staff.

Recruitment

Diversity is paramount to our program. We strive to increase the number of female and underrepresented minorities in our candidate pool and in the workforce pipeline. FY12 data: 20 Females, 30 Males, 28 Hispanic, 19 White, 1 African American, 1 Native American, 1 Asian Pacific.

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