For Immediate Release

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Contact: **Susan Allen**
Office External Affairs
Galloway Township, NJ 08240
Susan.Allen@stockton.edu
(609) 652-4790

Galloway Township, NJ- Christine Harvey, a second-year graduate student in the Master of Science in Computational Science (MSCP) program, was selected to take part in a National Science Foundation (NSF)-funded summer research internship at the University of Edinburgh's Parallel Computing Centre (EPCC) in Scotland. The EPCC is a world leader in computational science.

Harvey, currently a resident of Galloway, will leave at the beginning of July to join an elite group of graduate students, faculty, and industry scientists to research data intensive cloud computing over the span of six weeks. Cloud computing allows individuals to harness the computational power of huge clusters of computers which are connected together through the internet. By having many computers work collaboratively on scientific problems they can be solved in a fraction of the time. Cloud technologies are also used for storage and analysis of data with Dropbox, Google and Amazon as leaders in this area.

Dr. Russell Manson, associate professor of computational science and director of the MSCP program, said, "Christine has been my preceptee [student mentee] since joining Stockton as a freshman hockey star, and she has worked throughout her time here with me on research. Being selected to research at the Edinburgh Parallel Computing Centre, which is a world leading institute for computational science, is a tremendous achievement."

Harvey said that she is excited to be a part of the internship program, which will enable her to

As a high school student, Harvey excelled in math and computer science. The field of computational science blends both of these skills in a quest to solve real-world problems that arise in many different fields such as biology, chemistry, social sciences and environmental science.

In addition to having access to resources such as the MSCP program's GeoDome visualization environment, computing software and a supercomputer cluster located on campus, the MSCP program at Stockton has allowed Harvey to attend supercomputing conferences in 2010 and 2011 in New Orleans and Seattle respectively. Harvey explained that these opportunities, her upcoming internship in Scotland and "the tools available in the classroom help to better prepare students for future careers in the industry."

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