

Research Directions

Office of Research Services

Research Directions

Office of Research Services

Uploading More Women



Fewer than one in four computer scientists and computer science students are women. In a collaborative effort, Professor Margaret Vickers, School of Education is leading a multi-method, multi-stage project to identify the processes that lead to this gender gap.

The project will focus on students' experiences and course decisions at secondary school in three States (NSW, Vic. & SA). The aim is to find out why so few girls choose to enter university level computing courses and to develop strategies to rectify this problem that could be implemented in schools.

“New approaches are needed to encourage young women to choose computer technology education” Professor Vickers said. “By identifying the complex factors associated with how Information, Communication, and Computing Technologies (ICCT) education is put together we hope to remedy this situation at high school level”

Project Title: *From high school to higher education: Gendered pathways in information, communication and computer technology education,*



Funding has been set at \$220,000.

Collaborating Partners:

Australian Research Council http://www.arc.gov.au/arc_home/default.htm

Deakin University <http://www.deakin.edu.au/>

NSW Department of Education & Training <https://www.det.nsw.edu.au/>

NSW Office of Women, Premier's Department <http://www.women.nsw.gov.au/>

Victorian Schools Innovation Commission <http://www.vsic.org.au/>

Department of Education & Children's Services, South Australia http://www.decs.sa.gov.au/decs_home.asp

Contact Details

Professor Margaret Vickers
mhv@uws.edu.au