

## School of Physics

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The Dean  
Faculty of Science

Dear Beryl

The following is a short interim report on the research projects undertaken by members of the SCIFER group funded by the Faculty of Science in 2000.

There were four projects funded, some of which are completed and some which are ongoing. The original timeframe for a final report from the projects was December 2001. These will be collected and passed on to you. Meanwhile aspects of most of the projects have been presented at various meetings and conferences, including:

*How tertiary level physics and chemistry students conceptualise quantum mechanics* - Australian Institute of Physics Conference in Adelaide, December 2000.

*Researching the transferability of mathematical skills* – Uniserve Science Conference, Sydney, April 2001

*Transferring mathematical Skills into Physics* – American Association of Physics Teachers, Rochester New York – July 2001

*Perspectives of university teachers on the role of memorising in learning science* -CERG Conference UTS Kuringai, Feb 2001

The group continues to provide a forum for discussion of cross disciplinary issues in Science and allows members of the Faculty who are very involved in teaching to find research issues that interest them. By presenting papers at conferences, the group increases the awareness of the academic community at large to the commitment by the Faculty of Science at the University of Sydney to high standards of research based development in teaching.

Thank you for your continuing support.

Rosemary Millar