Maths, Stats & OR Network Mini-Projects in Teaching & Learning – Call for Proposals

Closing Date: 16th July 2007

The Maths, Stats & OR Network is offering funding for two mini-projects to commence in the autumn of 2007. Up to £5,000 is available for each. Proposals must align with the specific objectives outlined below.

Objectives
During the last few years the Network has been instrumental in providing resources, advice and staff development activities that have sought to address some of the well-documented school-university transitional problems for both specialist and non-specialist mathematicians. It is now keen to develop its support for teaching and learning of single- and joint-honours mathematics undergraduates particularly beyond their first year of study, and consequently we have introduced a new ‘theme’ of mathematics support beyond the transition. To date, initiatives have included a round of mini-projects announced in May 2006, and the development of a Statistics Facts and Formulae Leaflet. Two mini project awards were made: one investigating the teaching of Proof, and one to develop individualised study modules covering Number Theory, Topology and Complex Analysis.

Whilst any well-argued case will be considered the following are indicative of the sort of projects that might be funded:

- A pilot study using existing pedagogic research to inform, develop or enhance change in practice.
- A study of the ways in which the wide variety of mathematics support currently used at the transition can be extended.
- A scoping study to inform the development of support resources.
- Professional development of academic staff.
- A project to study effective ways of developing independent learners.

Outcomes should be transferable throughout the Maths, Stats & OR community and be freely accessible. As a minimum, anticipated outputs should include an article submitted to MSOR Connections and a contribution to the Network’s Annual Conference. All successful applicants will be expected to maintain an ongoing web presence on the Maths, Stats & OR Network website to provide community-wide updates on their project.

For further information and to download a copy of the application form please visit:

http://www.mathstore.ac.uk/lateryears