

Department of Mathematics
College Based Fee Proposal
2004-05

The student fee committee has six members. The students are Rebecca Russ, Cassie Fallscheer, and Kevin Brighton. The faculty representatives are Linda Patton, Matthew White, and Kent Morrison.

The proposal for the coming year is below

Item	Amount
Supplemental Workshops for Math 248 (3), Math 412 (2), Math 481 (2); total of 7 workshops	\$15,000
Summer Research	\$39,000
Research Funds for Senior Projects	\$1,000
Travel to professional meetings	\$25,000
Visitors for talks	\$2,000
Assigned time for probationary faculty	\$13,000
Tenure track position	\$40,000
New computers in Mac lab	\$10,000
Total	\$145,000

Supplemental workshops. The mathematics major has three difficult courses required of all majors. The supplemental workshops for these courses have been especially successful and we propose to continue them. The workshops now have course numbers and are an integral part of our course offerings. Math 258 is the workshop along with Math 248 (Methods of Proof). Math 422 is the workshop going with Math 412 (Introduction to Analysis I). Math 491 is the workshop accompanying Math 481 (Abstract Algebra I).

Summer research. Last summer's research program was so successful that we plan to increase the number of students and faculty participating. There will be 14 students working on supervised research projects in the summer of 2004.

Research funds for senior projects. This will help students with research expenses. These expenses include software, books, and travel.

Travel to professional meetings. This will enable students to travel to various AMS, MAA, and NCTM meetings and to augment the travel funds that are obtained by faculty through their own initiative and those available from the department discretionary account.

Visitors for talks. The amount requested would provide expenses for outside speakers to give mathematics talks aimed at the undergraduate majors. We plan to have four of these talks during the year.

Assigned time for probationary faculty. This will enable the department to give three young faculty members a one-course reduction during the spring. Without some reduction in the teaching load we risk being unable to hire and to keep the best young faculty.

Tenure track position. This will help to hire an additional tenure track faculty member to offset the continued reduction in the number of permanent faculty.

New computers in Mac lab. The 35 iMacs in 38-135 are five years old and need to be replaced. The lab is used for both lower division service courses and upper division courses in the major. This would be about half the cost of replacement and would represent the proportion of use by major courses.