

THE NATIONAL SCIENCE FOUNDATION PROGRAM FOR MATHEMATICAL SCIENCES

LEON W. COHEN¹

The purpose of this note is to inform mathematicians of the variety of support for research and education available through the Program for Mathematical Sciences in the National Science Foundation. The mathematical content of the program is determined by the interests of the mathematicians themselves. The program has no specific mission but endeavors to respond to the needs of basic research, to the demand for an increase in the number of competent students, both undergraduate and graduate, and to the requirements of new mathematical methods in the sciences. Some of the ways in which the program has aided in the advance of mathematics are listed below. Suggestions for other methods are most welcome.

Support is normally provided by a grant to the college, university or other institution through which a proposal is submitted but grants directly to individuals are possible. Information as to the usual content of a proposal, which is to be formulated by the one or more mathematicians seeking support, is set out in a booklet, *Grants for Scientific Research*. This will be supplied upon request to the Program Director for Mathematical Sciences, National Science Foundation, Washington 25, D. C. There are no printed forms to be filled out. Proposals may be submitted at any time during the year.

The following list gives some of the items which have been covered by grants for the support of research.

1. For individual mathematicians as principal investigators
 - 1.1 Supplemental salary during sabbatical leave
 - 1.2 Salary during special leave for research
 - 1.3 Salary up to 50% to reduce excessive teaching or administrative load during the academic year
 - 1.4 Salary for summer research
 - 1.5 Salary for research by professors emeriti
2. For collaboration with principal investigators
 - 2.1 Salary for graduate students as research assistants
 - 2.2 Salary for mathematicians with the doctorate as research associates

¹ Program Director for Mathematical Sciences. This note is not to be interpreted as a formal expression of Foundation policy.