

MATHEMATICAL ASSOCIATION OF AMERICA, INC.  
ABSTRACT OF PAPER

Title of Paper: Undergraduate Research  
in Mathematics - purposes and  
scope.

Time: 25 minutes.

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## ABSTRACT

The abstract should be in the form of a brief and concise statement of the main results or points of view of the paper, without demonstrations and with a minimum of formulae. It should not exceed 100 words and should be compressed if possible into a single paragraph. It should be written in the third person. The abstract should be typewritten and in a form suitable for immediate publication in the MONTHLY.

The main goal of this paper is to present some sources of research problems accessible to undergraduate students in mathematics. The main sources discussed are: (1) application of mathematical models to problems that arise in the operation of a college; (2) further development of underdeveloped mathematical models; (3) the problems sections of the American Mathematical Monthly. Several examples of each type of activity are given and we discuss how this activity differs from work done by students in courses taught by traditional methods.