

### THE NEWSLETTER OF THE MATHEMATICAL ASSOCIATION OF AMERICA

#### **VOLUME 6 NUMBER 1**

**JANUARY-FEBRUARY 1986** 

# **Restoring Scholarship to Collegiate Mathematics**

#### Lynn Arthur Steen

The National Science Board, the policy council of the National Science Foundation, has undertaken a study of undergraduate science and engineering education to determine what initiatives, if any, would be suitable for future NSF programs. On November 20, former American Mathematical Society President Andrew Gleason and current MAA President Lynn Arthur Steen presented testimony about the needs of collegiate mathematics. What follows is a condensed version of Steen's presentation on behalf of the MAA.

am very pleased that the National Science Board has undertaken a study of undergraduate education. As President of the Mathematical Association of America, I am especially pleased to have been invited to testify about collegiate mathematics. Most of our 20,000 members teach college mathematics, and most of the undergraduate mathe-

## MAA Committees Featured in Center Section

Starting with this issue, readers will find FOCUS bigger and better! Every issue will contain a center section featuring some aspect of the work and activities of the MAA.

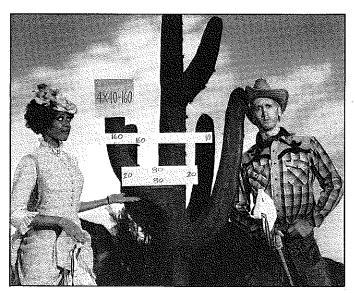
The special "focus" in this issue is the MAA committees. Center sections in future issues will detail the MAA's accomplishments during the past year, the activities of the 29 MAA Sections, the MAA Publications Program, and the summer and winter national meeting programs. As a special one-time feature, the March-April issue will focus on the 1986 International Congress of Mathematicians to be held in August at the University of California at Berkeley.

#### **Employment Ads**

If you are looking for a job be sure to check the employment ads which start on page vi of the center section. Advertisers will find rates and deadlines on page vi. Note the 50% discount offered to advertisers in the March-April 1986 issue of FOCUS.

matics education in this nation is provided by members of our Association. We applaud your interest in collegiate mathematics and in its relation to science and engineering education.

I am a Professor of Mathematics at St. Olaf College in Northfield, Minnesota, one of the science-intensive liberal arts colleges referred to by Frederick Starr in his earlier testimony to this Committee. St. Olaf has 3,000 students; (continued on page 2)



The Children's Television Workshop (CTW), creators of Sesame Street, The Electric Company, and 3-2-1 Contact, has assembled \$16 million—the largest sum ever raised for a single children's television project—and will begin production immediately on a new, daily mathematics series aimed at the nation's 14 million 8-to-12-year-olds. In the above sketch from the series, "Bandanas," Beverly Mickins plays a schoolmarm and Larry Cedar, a farmer, as they discuss how much fencing he will need for his newly-purchased land. For more information, see the article by Peter Hilton on page 3 of this issue.