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Conference Calls for New Initiatives in Mathematical Sciences Education

The Conference Board of the Mathematical Sciences (CBMS) has issued a new report, "New Goals for Mathematical Sciences Education," calling for major new initiatives to improve mathematical sciences education in the United States. The report describes the findings of a conference attended by representatives of all of the major mathematical sciences societies in the United States last November. (See *FOCUS*, January-February 1984.) Recommendations are made in each of six topical areas seen by the Conference as having the greatest potential for significant contributions by the mathematical sciences community. A summary of the major recommendations in each of these areas is given below.



The lovely, wooded campus of the University of Oregon in Eugene will be the site of the Joint Mathematics Summer Meetings, August 16-19, 1984. Meeting sessions will be held in the Erb Memorial Union and in other campus buildings.

Curriculum

A Task Force should be established "on a continuing basis" to develop new curricular materials incorporating mathematical modeling, statistics, and use of the computer as a tool to solve mathematical problems. The Task Force should also formulate from existing sources alternative high school programs for students not preparing to continue their mathematical studies at the college level or intending to pursue college programs not requiring the traditional calculus sequence.

Teacher Support Networks

To provide teachers with new contacts and sources of information, a nationwide collection of local teacher support networks should be established. Models for such networks already exist in, for example, the Bay Area Mathematics Project (BAMP) and the Southern Illinois University Teachers' Center. Communication devices such as computer bulletin
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Meeting Program Inside

The center section of this issue contains the program, housing and preregistration forms, and the form for the Summer List of Applicants for the **64th Summer Meeting of the Mathematical Association of America (MAA)**. This meeting will be held on the campus of the University of Oregon from Thursday, August 16 through Sunday, August 19, 1984, in conjunction with the meetings of the American Mathematical Society and Pi Mu Epsilon. **Note: These are the only forms for this meeting that will be mailed to MAA members.**

The meeting will feature the Earle Raymond Hedrick Lectures by Neil J. A. Sloane of AT&T Bell Laboratories, "Lattices, Sphere Packings, and Applications," seven invited fifty-minute addresses, eight minicourses, four contributed paper sessions, and many other attractive meeting events. For the meeting program and other meeting information, see the program inserted in this issue of *FOCUS*. For additional information on the Hedrick Lectures, see page 3, and for detailed descriptions of the minicourses, see page 10.