

Career opportunities will be APS summer conference topic

"Changing Career Opportunities for Physicists," a conference of the American Physical Society's Forum on Physics and Society, will convene 1 August at the Pennsylvania State University. The organizers of the three-day conference are co-chairmen Roland H. Good Jr (Pennsylvania State University) and Martin Perl (SLAC).

The first session, entitled "Facts, Myths and Projections," will be devoted to the work of the APS Panel on Physics Manpower. Milan Fiske (GE Research and Development Center, Schenectady, N.Y.) will report on the Panel's work in progress and then he will be followed by members of a task force of the Panel. Lee Grodzins (Massachusetts Institute of Technology), who heads the task force, will present supply and demand projections for physicists during 1978-85. Ted Senator (MIT) and Beverly Porter and Dan Harrison (both of the American Institute of Physics Manpower Statistics Division), who have all been working on Grodzins's task force, will discuss three studies in the following areas: a profile of non-PhD physicists, non-academic physics employment and the varied career patterns of young physicists (a survey commissioned by the APS Committee on Professional Concerns).

The second session, "Why Things Are the Way They Are," will feature these speakers and topics:

- ▶ Harvey Brooks (Harvard University) on the dynamics of funding, enrollments, curriculum and employment,
- ▶ Stanton Glantz (University of California, San Francisco), the effect of Department of Defense support on academic research,
- ▶ Bruce Smith (Columbia University), the "steady-state" market for physicists,
- ▶ Daniel Greenberg (*Science & Government Report*), employment in the age of "PhD peasantry" and
- ▶ James Stevenson (Georgia Institute of Technology), with his collaborators Albert Clogston (Bell Laboratories) and Ross MacDonald (University of North Carolina), on the perceptions and attitudes of industrial research managers with respect to physicist employees.

Martin Cooper (ERDA), Paul Horwitz (Avco Everett Research Laboratory), John Hulm (Westinghouse Research



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Laboratories) and Maurice Shapiro (Naval Research Laboratory) will discuss various non-academic careers for physicists in the third session.

The fourth session on "Public Policy Careers for Scientists" will include two invited papers by Philip Smith (Office of Science and Technology Policy) and Norman Seltzer (ERDA). This session will also feature a panel discussion by Benjamin Cooper (Senate Committee on Energy and Natural Resources), Vernon Ehlers (Calvin College), Edward Helmski (National Governors' Conference), Richard Scribner (American Association for the Advancement of Science) and James Sullivan (Center for Science in the Public Interest).

Vigdor Teplitz (Virginia Polytechnic Institute and State University) will head a session in which three separate groups will discuss the changes that may be needed in physics education and how these might be accomplished. There will be a faculty and student panel, a panel of departmental chairmen and a group of industrial laboratory managers.

During the concluding session of the conference, George E. Pake (Xerox Corp), who is the APS President, and Ralph Simmons (University of Illinois) will comment on the respective roles of the Society and graduate physics departments in implementing change. Perl will



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then present the conference summary.

The APS Committees on Education and on Professional Concerns and the American Association of Physics Teachers are also sponsors of this conference.

Abstracts of both contributed and invited papers will appear in the June issue of the *APS Bulletin*. Advance registration information may be obtained from Good at the Department of Physics, 104 Davey Laboratory, Pennsylvania State University, University Park, Penn. 16802. The registration fee of \$45 (\$15 for students) includes the cost of two meals.

Housing reservations may be made on the advance registration form for the dormitory rooms available on campus. Information about motel accommodations and camping sites in the area will be sent upon request and, in special cases, partial travel support may be available. Enquiries should be made after 1 July. □

Audit committee formed

Acting on a recommendation from Joseph A. Burton, APS Treasurer, Council has established an Audit Committee for the Society. The members elected for 1977 are Vera Kistiakowsky (MIT), William F. Brinkman (Bell Laboratories) and Marshall N. Rosenbluth (Princeton University).