

UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH
BOULDER, COLORADO

March 4, 1963

On April 10 and 11, the University Corporation for Atmospheric Research will sponsor a discussion of the scientific program of the National Center for Atmospheric Research in Boulder, Colorado. The purpose of the meeting is to describe NCAR research programs and facility development now under way, to discuss how these programs serve the scientific community, and to explore further avenues of cooperative effort. We are inviting participants from universities with advanced programs of teaching and research in the atmospheric sciences and from other institutions and government agencies with strong research interests in this field. We hope that you will be able to attend.

The National Center for Atmospheric Research was established in 1960 under the sponsorship of the National Science Foundation to conduct and foster basic research in the atmospheric sciences, to augment the research and educational programs of the universities and research groups, and to work toward increasing the effectiveness of atmospheric research efforts as a whole.

In order to accomplish this mission, the NCAR research program is built around a broad concept of the atmospheric sciences that includes not only the dominant physical and chemical processes operating in the terrestrial atmosphere, but also its interaction with the underlying ground or ocean surfaces and influences from the sun and from space. Similarly, NCAR's facility concept is being geared to research potentialities across this same broad spectrum.

The research activities of NCAR are carried on in two scientific laboratories, the new Laboratory of Atmospheric Sciences and the older High Altitude Observatory, established in 1941 and merged with NCAR in 1961. The Laboratory of Atmospheric Sciences has to date developed

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in 1961. The Laboratory of Atmospheric Sciences has to date developed research programs in atmospheric chemistry, cloud physics, radiation physics, dynamical aspects of the general circulation and problems of turbulence and convection. The High Altitude Observatory has continued its research activities in solar and interplanetary physics, planetary atmospheres, ionospheric physics, geomagnetism, and the physics of the stratosphere.

The facilities mission of NCAR is pursued in a third division, Facilities and Administration. Here we have developed a program in scientific ballooning and are now studying the needs of the universities for assistance in the area of research aircraft.

With this base of research and facilities programs established, we would like to discuss with representatives of the university community the extension of NCAR's relations with the universities.

The University Corporation for Atmospheric Research, a private non-profit corporation devoted to the development of the atmospheric sciences nationally and internationally, is responsible for the operation of NCAR.

The Board of Trustees of UCAR is pleased to invite you to attend the conference as a guest of the Corporation and will reimburse you for your air fare and other expenses in connection with the meeting. The trustees and the NCAR staff look forward to this opportunity to discuss with you the present program and future development of NCAR. We would appreciate hearing from you whether you can include this conference in your plans, and hope to see you in Boulder in April.

Sincerely yours,



Walter Orr Roberts

Enclosure