

# MEMORANDUM OF UNDERSTANDING

*between the*

Environmental Science Services Administration  
(ESSA)

*precursor to the National Oceanic and Atmospheric Administration (NOAA)*

*and*



Princeton University



*establishing a*

Collaborative Program in Geophysical Fluid  
Dynamics

*converted to a Collaborative Institute on October 1, 2003*

*establishing the*

Cooperative Institute for Climate Science  
CICS



ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

Secretary Alexander B. Trowbridge

June 14, 1967

THRU: Dr. Herbert J. Hollomon

Dr. Robert M. White  
Administrator, ESSA

Memorandum of Understanding Between Environmental Science Services  
Administration and Princeton University

On June 13, 1967 I signed the attached memorandum of understanding with Princeton University establishing a collaborative program in geophysical fluid dynamics with the Environmental Science Services Administration.

The Geophysical Fluid Dynamics Laboratory, a part of ESSA's Institutes for Environmental Research, is presently housed on Pennsylvania Avenue in Washington, DC. The Laboratory is presently isolated from both ESSA's other research activities and academic facilities. The agreement will enable ESSA to establish this laboratory within an academic environment permitting it to have the necessary multidisciplinary associations with other university scientific groups as well as provide for a continuous association with graduate students and faculty. The effectiveness of this laboratory will be substantially enhanced by the cooperative arrangements with Princeton. It is expected that the Laboratory will move to the vicinity of Princeton University in about one year.

The move is part of ESSA's continuing effort to strengthen its ties with the academic community to maintain flourishing and vigorous government laboratory research effort. ESSA has cooperative arrangements now with the University of Miami, University of Oklahoma, University of Washington and University of Hawaii.

The proposed move has been discussed with Dr. Hornig. The Assistant Secretary for Science and Technology has been fully informed during the process of the negotiations with Princeton. The General Counsel's Office has approved the legal form and effect of the Memorandum of Agreement.

Attachment

RMWhite:ep 6/13/67

Cc: Dr. White  
Asst. Sec. S & T  
Exec Secretariat  
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# MEMORANDUM OF UNDERSTANDING

Between

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

And

PRINCETON UNIVERSITY

concerning the establishment of a collaborative

program with the

GEOPHYSICAL FLUID DYNAMICS LABORATORY

## I. Introduction

Princeton University and the Environmental Science Services Administration have many areas of common interest in geophysical fluid dynamics. In some of these areas, the degree of mutual interest is so great that considerable advantage may be gained from their pursuit on a collaborative basis. Collaboration will be established within the principles set out in the following sections, which will be reviewed by both parties at least every two years.

This memorandum concerns scientific collaboration entered into jointly by the Geophysical Fluid Dynamics Laboratory of the Institutes for Environmental Research of the Environmental Science Services Administration and Princeton University. Inasmuch as the purposes of the Geophysical Fluid Dynamics Laboratory are primarily scholarly, the Laboratory will be located on the campus of the University and will operate in a manner appropriate to this location and function.

## II. Purposes, Scope and General Policies

### A. Purposes

The purpose of this collaboration is to provide:

1. A mean to increase the effectiveness of geophysical fluid dynamics research by promoting close multidisciplinary collaboration between scientists and engineers associated with these two institutions and with visiting scientists.

2. a mean to stimulate the graduate training of scientists and engineers to the many disciplines concerned in geophysical fluid dynamics research.

#### B. Scope

The general area of interest of the collaboration will include all aspects of geophysical fluid dynamics which are of mutual interest to the Geophysical Fluid Dynamics Laboratory and Princeton University. In view of the purpose of the collaboration, participation in the collaborative program need not be limited by organizational affiliation of individual scientists but will be determined by the individual's ability to contribute to the mutual objectives of the participating organizations. In this regard, the collaboration will provide a means for identification and definition of new research projects, a center at which a continuing program may be conducted, and a means whereby visiting researchers may be supported.

#### III. Composition

The collaboration involves two primary groups:

1. Qualified staff members of the Geophysical Fluid Dynamics Research Laboratory who have been granted appropriate faculty or research appointment at the University.
2. Regular faculty members of Princeton University as agreed upon by its Interdepartmental Committee on Atmospheric and Oceanic Sciences.

#### IV. Mutual and Separate Responsibilities of Princeton University and the Institute for Environmental Research

##### A. Faculty, Staff and Students

1. Each of the participating institutions is fully responsible financially and operationally for its respective employees.
2. The costs of secretarial and clerical personnel, technicians and other scientific support personnel will be borne by the employer of such personnel. However, where mutually advantageous, costs of support personnel may be shared by the users on an equitable basis, or one organization may enter into an agreement with the other, subject to the regulations of each, for the supply of certain services, supplies, or equipment.

3. The Institutes for Environmental Research of the Environmental Science Services Administration shall undertake to secure funds to cover stipends for graduate students, postdoctoral research associates, and visiting scientists, and may provide such funds to Princeton University for indirect costs.
4. Formal training will remain a responsibility of the University which shall also enter into appropriate agreements with the Institutes for Environmental Research of the Environmental Science Services Administration respecting training of qualified and acceptable employees of the Environmental Science Services Administration. Where appropriate, and subject to the approval of the Director of the Institutes for Environmental Research, the University may appoint members of the Geophysical Fluid Dynamics Laboratory to faculty or research positions, granting them titles in accord with usual University practice, so that they may offer courses, conduct seminars, and otherwise participate in departmental affairs. The duties for those Geophysical Fluid Dynamics Laboratory staff members appointed to faculty or research positions will be a definite part of their responsibilities.
5. Members of the Geophysical Fluid Dynamics Laboratory who have University appointments may serve on the Interdepartmental Committee on Atmospheric and Oceanic Sciences.
6. All financial assistance to students shall conform to the policy of the University.

B. Space and Facilities

1. Space devoted primarily to housing activities of the Geophysical Fluid Dynamics Laboratory complement will be provided initially by the University and the GFDL will rent such space from the University at a rate to be established through separate negotiations. The rent shall cover use of space, utility costs, and housekeeping services (but excluding telephone service).
2. Shop facilities and miscellaneous services of the University shall be made available to the GFDL on the same basis (i.e., at cost) as to University research groups.

3. The University will not charge the GFDL for use of space other than space devoted primarily to housing activities of the GFDL. Joint use of each others equipment and facilities is intended by both parties to this agreement as long as such cooperative use does not disrupt the normal programs of either party.

*Robert F. Goheen*

ROBERT F. GOHEEN, President  
Princeton University

*Robert M. White*

ROBERT M. WHITE, Administrator  
Environmental Science Services  
Administration

*June 5, 1967*

Date

*13 June 67*

Date