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ORD Report- Sep. 30, 1975

Barbara Moch

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ORD REPORT

SEPTEMBER 30, 1975
VOLUME VII, Number 2

Barbara Moch
Editor

OFFICE OF RESEARCH AND DEVELOPMENT • NORTHEASTERN ILLINOIS UNIVERSITY

NAME OF PROGRAM: NSF CHAUTAUQUA-TYPE SHORT COURSES

AGENCY: National Science Foundation

PURPOSE: To make available to college teachers of science as quickly as possible new knowledge about topics of current interest in such a way that materials will be directly useful in current or planned educational programs. Course work extends over approximately 3 months. There are 3 "circuits," Eastern, Central, and Western. Central circuit locations are Miami U. of Ohio, Univ. of Missouri, Univ. of Wisconsin-Madison, Louisiana State Univ., and Univ. of Colorado-Boulder. Each class meets for a 2-day session in late October or November; in late February or early March, each class meets for the second 2-day session when additional instructional materials are provided, and results of interim projects are exchanged and discussed.

ELIGIBILITY: Teachers of undergraduate students in higher education institutions whose teaching responsibilities are in the natural and social sciences, mathematics, and engineering.

AMOUNT OF AWARDS: NSF provides lodging for 4 nights on a double-occupancy basis. Participants or their institutions pay costs of travel, meals, and incidental expenses.

DEADLINE: Varies with each Field Center.

CONTACT: Individual Field Center Coordinator

APPLICATION MATERIALS
REQUESTED BY ORD: YES X NO

NAME OF PROGRAM: NATO POSTDOCTORAL FELLOWSHIPS IN SCIENCE

AGENCY: National Science Foundation

PURPOSE: For further study in the sciences at institutions
outside the U.S. Normally awarded for tenures of either 9 or 12 months,
these fellowships are intended for persons planning to enter upon or con-
tinue postdoctoral study in the sciences. Fellows will be required,
prior to beginning tenure, to submit appropriate evidence that they have
been accepted for study by their chosen institution. Evaluation will be
based on academic records, letters of recommendation, ability to carry
out the activities program within the proposed tenure period, and other
appropriate evidence of scientific competence.

ELIGIBILITY: U.S. citizens who have demonstrated ability and special
aptitude for advanced training in the sciences and an earned doctorate by
the beginning of the fellowship period.

AMOUNT OF AWARDS: \$10,800 for 12 months, \$8,100 for 9 months, + depen-
gency and travel allowances.

DEADLINE: NOVEMBER 10, 1975

CONTACT: NATO Postdoctoral Fellowship Program
Division of Higher Ed. in Science
National Science Foundation, Washington, D.C. 20550

APPLICATION MATERIALS
REQUESTED BY ORD: YES NO

NAME OF PROGRAM: NATO SENIOR FELLOWSHIPS IN SCIENCE, 1975-76

AGENCY: National Science Foundation

PURPOSE: To provide opportunities for senior staff members of universities and non-profit scientific research institutions in the U.S. to carry out short visits to research and educational institutions in other NATO countries for the purpose of studying new scientific techniques and developments. A major consideration in the evaluation of applications will be the specific benefits that will accrue to the applicants' home institutions as a result of these visits. Tenures may range from 30-90 days; approximately 60 awards will be offered in the mathematical, physical, medical, biological, engineering, and social sciences, history and philosophy of science, and in interdisciplinary fields comprised of two or more sciences.

ELIGIBILITY: Full-time staff members of educational institutions offering a post-baccalaureate degree; U.S. citizens; at least 5 years' experience in research, teaching; necessary linguistic abilities; full professional standing in the fellowship field.

AMOUNT OF AWARDS: \$35 per day of tenure + travel allowance. Fellow may receive regular salary provided by his/her home institution.

DEADLINE: NOVEMBER 15, 1975

CONTACT: Division of Higher Education in Science
National Science Foundation
Washington, D. C. 20550

APPLICATION MATERIALS

REQUESTED BY ORD: YES _____ NO X

NAME OF PROGRAM: FINANCIAL ASSISTANCE FOR ENVIRONMENTAL EDUCATION PROJECTS

AGENCY: Office of Education

PURPOSE: To support research, demonstration, and pilot projects designed to educate the public on the problems of environmental quality and ecological balance. Such projects shall support the development of educational processes dealing with man's relationship with his natural and man-made surroundings, and include the relation of population, pollution, resource allocation and depletion, conservation, transportation, technology, and urban and rural planning to the total human environment. Emphasis placed on the development of skills and insights needed to understand the structure, requirements, and impact within and among various environmental entities, systems, and subsystems.

ELIGIBILITY: Institutions of higher education, state or local educational agencies, other public and nonprofit private agencies.

AMOUNT OF AWARDS: Not known

DEADLINE: DECEMBER 1, 1975

CONTACT: Walter Bogan, Director
Office of Environmental Education
Office of Education
Washington, D. C. 20202

APPLICATION MATERIALS

REQUESTED BY ORD: YES X NO

NAME OF PROGRAM: GRADUATE FELLOWSHIPS

AGENCY: National Science Foundation

PURPOSE: Approximately 500 new three-year Graduate Fellowships
will be awarded to individuals who have demonstrated ability and special
aptitude for advanced training in the sciences. These fellowships are
awarded for study or work leading to master's or doctoral degrees in
the mathematical, physical, medical, biological, engineering, and social
sciences, and in the history and philosophy of science.

ELIGIBILITY: Students at or near the beginning of their graduate
study (college seniors or first-year graduate students); in particular,
individuals without graduate-level study experience prior to Summer 1975.

AMOUNT OF AWARDS: \$3,900 for 12-month tenures, pro-rated at \$325 @ month
for lesser periods + limited travel allowance.

DEADLINE: DECEMBER 1, 1975

CONTACT: Fellowship Office, National Research Council
2101 Constitution Avenue, N.W.
Washington, D. C. 20418

APPLICATION MATERIALS
REQUESTED BY ORD: YES NO

NAME OF PROGRAM: NSF POSTDOCTORAL ENERGY-RELATED FELLOWSHIPS

AGENCY: National Science Foundation

PURPOSE: For postdoctoral research and study on energy-related scientific problems. Awards will be made for energy-related study or research in the mathematical, physical, medical, biological, engineering, and social sciences. Applicants interested in inter-disciplinary energy-related studies are encouraged to apply. No awards made in clinical, education, or business fields, nor in history, social work, or public health. Usual tenure is 9 - 12 months; entire tenure need not be undertaken in a single, uninterrupted period but no single period of tenure may be less than 4 months.

ELIGIBILITY: U.S. citizens who will have earned a doctoral degree by beginning of fellowship or will have held the doctorate for no more than 5 years as of December 8, 1975.

AMOUNT OF AWARDS: \$12,000 per annum, pro-rated for shorter tenures + travel allowance and \$300 for incidental expenses.

DEADLINE: DECEMBER 8, 1975

CONTACT: Fellowship Office, National Research Council
2101 Constitution Avenue, N.W.
Washington, D. C. 20418

APPLICATION MATERIALS
REQUESTED BY ORD: YES NO