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AREAS OF ENTERPRISE.
Candidates may submit projects in three categories—Applied Sciences and Invention; Exploration and Discovery; and The Environment. The Selection Committee will be evaluating these projects in terms of their spirit of enterprise, originality and the likelihood of realization.

If your venture falls outside the committee’s area of expertise, Rolex will call on specialists to appraise the merits of a particular proposal.

An illustrated Spirit of Enterprise book, summarizing the best projects submitted for the 1990 Awards, will be published concurrent with the Awards ceremony. The publicity given to projects in previous editions of the book has often led to additional support from a wide range of sources.

HOW TO APPLY
Your entry must be submitted in English on an official application form and must reach the Secretariat before March 31, 1989. To obtain that form, and the rules and conditions for entry, write: The Secretariat, The Rolex Awards for Enterprise, P.O. Box 178, 1211 Geneva 26, Switzerland.

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The Awards are administered by the American Association for the Advancement of Science under a grant from the Westinghouse Educational Foundation.

For further information and entry forms, contact the AAAS Office of Communications, 1333 H Street, N.W., Washington, D.C. 20005, or call (202) 326–6440.
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- epidemiological background to support vaccine field trials

Interested investigators, currently engaged in relevant areas of malaria research should respond by <October 21, 1988>, to the address below, for a copy of the instructions for submitting proposals. No telephone requests will be honored. The instructions provide background information and outline the conditions, procedures and format for proposals. Based on peer reviews, highly-ranked proposals may be selected for cost-reimbursement subcontracts with AIBS. Each award will be for one year. The funding level of each award will be negotiated but cannot exceed the A.I.D.-established ceiling specified in the instructions. Principal and associate investigators currently receiving A.I.D. MIVR Network funds are ineligible for consideration.

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Selected and with an introduction by
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The Cutting Edge of Molecular Biology

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Scientists and Journalists: Reporting Science as News, Edited by Sharon M. Friedman, Sharon Dunwoody, and Carol L. Rogers.
The public is interested in science and depends largely on the mass media for the latest information. But how well do scientists and journalists communicate with each other and to the public? This book examines the links between scientists and journalists as seen through the eyes of both. 1986; 334 pp.; hardcover $24.95 ($19.95 for AAAS members); AAAS Publication #86-20.

Science and Creation: Geological, Theological, and Educational Perspectives, Edited by Robert W. Hanson.
The creation/evolution controversy is examined by scientists, theologians, educators, and historians. These authors view the controversy as a false dichotomy and as an attempt to force a choice between two ideas that are not mutually exclusive. Includes case studies from several states. 1986; 240 pp.; hardcover $24.95 ($19.95 for AAAS members); AAAS Publication #86-19.

Are students in the U.S. developing the skills necessary for a high technology society, or will it be technological boom, educational gloom? Useem examines education in California’s “Silicon Valley” and Boston’s Route 128, two of the country’s leading high tech centers, and suggests ways for education and industry to forge a stronger partnership for the future. 1986; 278 pp.; hardcover $19.95 ($15.95 for AAAS members); AAAS Publication #86-18.

The Gene-Splicing Wars: Reflections on the Recombinant DNA Controversy, Edited by Raymond A. Zilinskas and Burke K. Zimmerman.
Questions of safety and ethics about recombinant DNA techniques continue to surface. This book takes a look at historical, political, industrial, scientific, and international aspects of these issues. The authors show how lessons learned from the experience can be used to cope with similar issues in the future. 1986; 288 pp.; hardcover $24.95 ($19.95 for AAAS members); AAAS Publication #86-18.

Who controls research? A growing number of legal and administrative disputes raise critical issues of professional sovereignty, scientific secrecy, and proprietary rights. Nelkin offers cases illustrating the dilemmas that arise as the interests of scientists, the rights of citizens, and the security needs of government and industry come into increasing conflict. 1984; 130 pp.; softcover $9.00 ($7.25 for AAAS members); AAAS Publication #84-17.

Order from: AAAS Marketing, Dept. SP, 1333 H Street, NW, Washington, DC 20005. Please specify the appropriate AAAS Publication #(s), add $2.00 postage & handling per order, and allow 4-6 weeks for delivery. VISA and MasterCard accepted. For shipments to CA, add applicable sales tax.

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Advances in Cognitive Science: Steps Toward Convergence

Edited by Manfred Kochen, University of Michigan, and Harold M. Hastings, Hofstra University

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$45.00; AAAS members $36.00 (include membership number from Science). 283 pp., 1988. AAAS Selected Symposium 104.

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AAAS Announces a Report on:
Science Policy Careers

Graduate Education and Career Directions in Science, Engineering and Public Policy, by Albert H. Teich, Barry D. Gold, and June M. Wiaz

Educational programs and professional practice in the field of science policy are continually evolving, shifting their focus in response to the changing demands of today's society. This study provides an up-to-date and comprehensive assessment of graduate education and career patterns in science policy. Conducted under the auspices of the AAAS Committee on Science, Engineering and Public Policy and supported by AAAS and the National Science Foundation, the project presents empirical data from the programs, graduates, and employers in the field.

...a must for policy makers, students, employers, and anyone interested in gaining insight into science policy programs.

1996; 168 pp.; softcover $10.00 ($8.50 for AAAS members).

Order from: AAAS Marketing, Dept. SJ, 1333 H Street, NW, Washington, DC 20005. Please specify AAAS Publication #86-17, add $2.00 postage & handling, and allow 4-6 weeks for delivery. VISA and MasterCard accepted. For shipments to CA, add applicable sales tax.

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The Division of Cancer Etiology

Biological Resources

Avian Myeloblastosis Virus Reverse Transcriptase—2,000 Unit Minimum Order.

Contact: Dr. G.E. Houts
Molecular Genetic Resources
6201 Johns Road, Suite B
Tampa, Florida 33614
(813) 886-5338
Citing Contract #N01—CP—51007
Cost: $0.05/Unit
(Plus Shipping Outside Continental United States)

Goat Antisera Against: Avian, Bovine, Feline, Murine, and Primate Intact Viruses and Viral Proteins; Antibodies to Immunoglobulins for a number of species. Preimmune Sera available for some Virus Antisera.

Contact: Ms. Elizabeth Donley
BCB Repository
Microbiological Associates, Inc.
5221 River Road
Bethesda, MD 20816
(301) 657-8169
Citing Contract #N01—CP—61020
Cost: $75.00/0.5 ml. (Antisera)
25.00/0.5 ml. (Preimmune Sera)
100.00/50 ml. (Immunoglobulins)
Plus shipping and handling (Frozen Material)

Human sera from donors with: Carcinomas, Sarcomas, Melanomas, Lymphomas, Leukemias, Benign Tumors, Normal Individuals, Family Members of Leukemias, Hematological Diseases, and other Non-Malignant Disorders.

Contact: Coordinator for Research Resources
Biological Carcinogenesis Branch, DCE, NCI, NIH
Executive Plaza North, Room 540
Bethesda, MD 20892
(301) 496-1951
Cost: Shipping and handling charges only.

Chemical Resources

Analytical resources for the collection, separation, and elucidation of the components of cigarette smoke and cigarette smoke condensates: A contractor with experience in the development of analytical methods for the determination of constituents of cigarette smoke and of specialty instrumentation for inhalation toxicology is available to assist qualified investigators with particular interest in studies on human and animal model exposure to environmental and sidestream smoke. A large inventory of reference experimental cigarettes, Standard Low Yield Reference Cigarettes, and an extensive chemical data base on smoke and smoke condensate components is available.

Contact: Thomas B. Owen, Ph.D.
Chemical and Physical Carcinogenesis Branch
DCE, NCI
Executive Plaza North, Room 700
Bethesda, MD 20892
(301) 496-5471
Cost: Inquire

Chemical Carcinogen Reference Standard Repository: Reference quantities of over 750 compounds are available. The newest additions are dilute aqueous standards of PAH deoxyguanosine-3'—monophosphates for Randerath 32P post labelling assays. Other classes of available compounds are: lecaptenaeas, food mutagens, polynuclear aromatic hydrocarbons (PAH), PAH metabolites, radiolabeled PAH metabolites, nitrogen heterocycles, nitrosamines/nitrosamides, aromatic amines, aromatic amine metabolites, azo/azoxy aromatics, inorganics, nitroaromatics, pesticides, pharmaceuticals, natural products, dyes, dioxins and chlorinated aliphatics. Data sheets provided with the compounds include chemical and physical properties, analytical data, hazards, storage, and handling information. Catalog available upon request.

Contact: Coordinator for Chemical Research Resources
Chemical and Physical Carcinogenesis Branch
DCE, NCI
Executive Plaza North, Room 700
Bethesda, MD 20892
Cost: Subject to chemical class code and quantity (see catalog) plus handling and shipping charges.

National Cancer Institute
Announces To the Scientific Community The Availability of the Following Resources/Services For Cancer Related Research as Noted Below:

Biological Resources


Contact: Dr. Ward Peterson
Children's Hospital of Michigan
3901 Beaumont Boulevard
Detroit, MI 48201
(313) 745-5570
Citing Contract #N01—CP—65645
Cost: $375/Analysis

Monoclonal Antibodies are available with specificities for synthetic peptides representing the amino acid sequences of the left end, right end and active site of the oncogene products of avian and mammalian retroviruses. Blocking peptides are also available, as are a limited number of cell lines producing the monoclonal antibodies.

Contact: Ms. Elizabeth Donley
BCB Repository
Microbiological Associates, Inc.
5221 River Road
Bethesda, MD 20816
(301) 657-8169
Citing Contract #N01—CP—61020
Cost: Peptides — $25.00/mg.
Ascites Fluid — 45.00/ml.
Cell Culture — 100.00/culture
(Plus shipping and handling)

Cost: Inquire

Cotton—Top Marmosets (S. oedipus) for use as models for Carcinogenesis: Holding, Inoculation, Observation, and Pathology Services are Available.

Contact: Dr. Neal Clapp
Marmoset Research Program
Oak Ridge Associated Universities
PO. Box 117
Oak Ridge, TN 37831
(615) 576-4103
Citing Contract #N01—CP—51006
Cost: $10.00 per diem (or higher for procedures involving additional care, etc.) $10.00 per blood sample.
Environmental Cancer

NCI's Chemical Carcinogenesis Research Information System (CCRIS) database is available online through the National Library of Medicine's new Toxicology Data Network (TOXNET) system. Through an interagency agreement between NCI and NLM, the CCRIS database has been built and will be maintained and updated as one of TOXNET's sponsored databases in the broad areas of chemistry, toxicology, and hazardous waste information. The CCRIS database contains evaluated data and information on carcinogens, mutagens, tumor promoters, cocarcinogens, metabolites of carcinogens and carcinogen inhibitors derived from published review articles, on-going current awareness survey of primary literature, NCI/NTP's short- and long-term bioassay studies, the IARC Monographs on the Evaluation of Carcinogenic Risk of Chemicals to Man, and special studies and reports.

**Contact:** Dr. Thomas P. Cameron
Office of the Director
Division of Cancer Etiology
National Cancer Institute
Executive Plaza North, Room 712
Bethesda, MD 20892
(301) 496-1625

**Cost:** Inquire

The Special Assistant for Environmental Cancer, Office of the Director, announces the availability of a limited number of copies of the following reports, which have been prepared under contract to NCI:


**Contact:** Ms. I.C. Blackwood
Office of the Director
Division of Cancer Etiology
National Cancer Institute
Executive Plaza North, Room 712
Bethesda, MD 20892
(301) 496-1625

**Cost:** Free to investigators interested in environmental cancer.

Epidemiology Resources

The Tumor Virus Epidemiology Repository (TVER) contains sera and other biological samples from more than 13,000 patients and controls obtained in 12 different countries. The TVER was established primarily to support collaborative research on the role of Epstein-Barr virus (EBV) in Burkitt's lymphoma, nasopharyngeal carcinoma, and related diseases. Part of the collection includes sera that were obtained from non-human primates inoculated with EBV.

The TVER is able to adjust its collection to facilitate the development of new collaborative studies. In addition, some samples are available for reagents and independent research. The most extensive collections are serum samples from patients with Burkitt's lymphoma (sera from more than 1,000 patients).

**Contact:** Dr. Paul H. Levine
Environmental Epidemiology Branch, DCE, NCI, NIH
Executive Plaza North, Room 436
Bethesda, MD 20892
(301) 496-8115

**Cost:** Free to Collaborating Investigators; Others, Shipping charges only.

The National Institute of Allergy and Infectious Diseases and the National Cancer Institute have developed a repository of biological specimens from homosexual men. The specimens were collected through contracts with five major U.S. universities for studies of the natural history of acquired immune deficiency syndrome (AIDS).

Information about specimens for collaborative use of these specimens and pertinent epidemiological data is now available from the NIAID Project Officer or the NCI Co-Project Officer.

**Contact:** Dr. Margaret Tucker
Family Studies Section, EEB, DCE, NCI, NIH
Executive Plaza North, Room 439
Bethesda, MD 20892
(301) 496-4375

**Cost:** Free to collaborating investigators

Others: $60/cell line.
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