The AACC-Pezcoller International Award for Cancer Research is given annually to a scientist who has made a major scientific discovery in the field of cancer, who continues to be active in the field, and whose ongoing work holds promise for future contributions to cancer research. The Pezcoller Foundation was established in 1982 by Professor Alessio Pezcoller, a dedicated Italian surgeon who has made important contributions to medicine during his career and who, through his foresight, vision, and generous gift in support of the formation of the Foundation, stimulated others to make significant advances in cancer research. Over the past decade the Pezcoller Foundation has given a major award for outstanding contributions to cancer and cancer-related biomedical science.

The American Association for Cancer Research (AACR) was founded in 1907 by eleven physicians and scientists dedicated to the conquest of cancer and now has nearly 14,000 members in more than 60 countries who are experts in basic, clinical, and translational cancer research. The mission of the AACR is to foster cancer research; this is accomplished in part through outstanding scientific publications, meetings, and training and educational programs. Because of the commitment of the Foundation and the AACR to scientific excellence in cancer research, these two organizations are collaborating annually on the presentation of the AACC-Pezcoller Award. This jointly sponsored award will strengthen international collaborations and will be a catalyst for advancements in cancer research internationally. The awardee will be selected by an international committee of AACR members appointed by the AACR President along with the agreement of the Council of the Pezcoller Foundation. While normally the Award will be presented to a single investigator, in exceptional cases two individuals may be selected to share the award when their investigations have resulted in related prize-worthy work. The committee will make its selection solely on the basis of the awardee's scientific accomplishments without regard to race, gender, nationality, or religious or political views. The candidate will give an award lecture during the AACR Annual Meeting in Philadelphia, USA (April 10-14, 1999) and will receive the award in an official ceremony at the Foundation's headquarters in Trento, Italy, after the annual meeting. The award consists of an honorarium of US$75,000 and a commemorative plaque.

The Pezcoller Foundation and the AACR are now soliciting nominations for the 1999 Award. Nominations can be made by any scientist who is now or has been affiliated with an institution engaged in cancer research. Institutions or organizations are not eligible for this award, and candidates may not nominate themselves.

There is no official application form for this award. The nomination package should consist of the following:

- the candidate's curriculum vitae and full list of published works
- an indication of the candidates’s most important publications
- a letter of recommendation in English (500 words, maximum) explaining why the candidate is deserving of this prestigious Award. This letter should summarize the candidate's major scientific achievements, indicate which of the candidate’s publications best describe these achievements, and explain the impact of these achievements on progress in cancer research.

Nominators are asked to maintain the confidentiality of the nomination process and to refrain from informing the candidate about the nomination.

The deadline for receipt of nominations for the 1999 Award is November 2, 1998. Questions about the nomination process should be directed to the AACR via FAX at (215) 440-9322 or E-mail at aacr@aacr.org. Nominations should be submitted to the AACR. Please forward the original nomination letter plus 15 copies of the letter and any accompanying materials to:

Peter K. Vogt, Ph.D., Chairperson, Selection Committee
AACC-Pezcoller International Award for Cancer Research
c/o American Association for Cancer Research
Public Ledger Building, Suite 826
150 S. Independence Mall West
Philadelphia, PA 19106-3483
USA
Notice to Members of the American Association for Cancer Research (AACR)
Officers for 1998–1999
President: Webster K. Cavenee, Ludwig Institute for Cancer Research, La Jolla, CA 92023-0660
President-Elect: Daniel D. Von Hoff, Institute for Drug Development, San Antonio, TX 78245
Treasurer: Bayard D. Clarkson, Memorial Sloan-Kettering Cancer Center, New York, NY 10021
Executive Director: Margaret Foti, AACR, Public Ledger Bldg., Suite 826, Philadelphia, PA 19106-3483

Annual Dues
The annual dues of active members of the AACR are $175, $55 of which may be applied toward a subscription to Cancer Epidemiology, Biomarkers & Prevention. Corresponding members of the Association will be charged an appropriate fee to offset periodicals postage costs. Payment of dues and changes of address of members of the Association should be sent promptly to Margaret Foti, Executive Director, AACR, Public Ledger Bldg., Suite 826, 150 South Independence Mall West, Philadelphia, PA 19106-3483; Telephone: (215) 440-9300; FAX: (215) 440-9313.

Submission of Manuscripts
Cancer Epidemiology, Biomarkers & Prevention publishes original research on cancer causation and prevention in humans, linking three previously unintegrated disciplines: epidemiology, biomarkers, and prevention. Topics include descriptive, analytical, biochemical, and molecular epidemiology; the use of biomarkers to study the neoplastic and preneoplastic processes in humans; chemoprevention and other types of prevention trials; and the role of behavioral factors in cancer etiology and prevention. Manuscripts that address individual subjects in any of the three disciplines are welcome as well as manuscripts with an interdisciplinary approach. All submissions undergo peer review. Papers should be sent to: Cancer Epidemiology, Biomarkers & Prevention, AACR Publications Department, Public Ledger Building, Suite 826, 150 South Independence Mall West, Philadelphia, PA 19106-3483. See Instructions for Authors (page i of this issue) for further information concerning submissions.

Back Issues and Single Copy Sales of the Journal
Copies of back stock of the journal may be ordered from AACR Subscription Office, P. O. Box 11806, Birmingham, AL 35202 [Telephone: (800) 633-4931 or (205) 995-1567; FAX: (205) 995-1588]. As long as supplies permit, single copies will be sold by this company at $25.00/copy. Orders outside the U.S. add $3.00/copy to offset postage costs.

Advertisements
Advertisement insertion orders and copy must be received one month prior to the date of issue in which the advertisement is to be published. The journal is mailed by approximately the 7th day of the month of issue. Inquiries about advertising should be directed to: M. J. Mrvica Associates, Inc., 2 West Taunton Avenue, Berlin, NJ 08009 [Telephone: (609) 768-9360; FAX: (609) 753-0064].

Copyright and Permissions
Authors who wish to publish in Cancer Epidemiology, Biomarkers & Prevention must formally transfer copyright to the proprietor of the journal, the AACR, Inc. It is understood by this transfer that the authors relinquish all exclusive rights of copyright ownership, including without limitation rights of reproduction, derivation, distribution, sale, and display of the work, in whole or in part, in any and all forms of media now or hereafter known. Authors who prepared their articles as part of their official duties as employees of the U.S. Federal Government are not required to transfer copyright to the AACR, Inc., since these articles are considered to be in the public domain. If any of the authors published government documents in a paper or other media, copyright transfer to the AACR, Inc., is required. The federal government may retain a nonexclusive license to publish or republish such material.

The Journal will routinely allow authors (or others with the permission of the authors) to include select parts of a copyrighted article in reviews, books, or subsequent papers, upon written request to the AACR Director of Publications. Requests to reproduce an article in its entirety will be considered on an individual basis, and permission may be granted contingent upon payment of an appropriate copyright fee. Further, all reproduction requests must include a brief description of intended use and a stamped, self-addressed envelope. Third parties should obtain the approval of the authors before corresponding with the AACR.

Those who wish to photocopy articles should contact the AACR Publications Department [Telephone: (215) 440-9300; FAX: (215) 440-9355].

No responsibility is accepted by the Editors, by the AACR, Inc., by the American Society of Preventive Oncology, or by Cadmus Journal Services for the opinions expressed by contributors or for the content of the advertisements.

Cancer Epidemiology, Biomarkers & Prevention is indexed in Chemical Abstracts, Current Contents/CM®, Index Medicus, MEDLINE, and the BIOSIS Previews® Database. This journal is printed on acid-free paper.

Cancer Epidemiology, Biomarkers & Prevention (ISSN 1055-9965) is published monthly by the American Association for Cancer Research, Inc., Public Ledger Bldg., Suite 826, 150 South Independence Mall West, Philadelphia, PA 19106-3483 for $55 annually for members, $110 for individual nonmembers, and $285 for institutional nonmembers. Periodicals postage paid at Philadelphia, PA and additional mailing offices. POSTMASTER: Send address changes to AACR Subscription Office, P. O. Box 11806, Birmingham, AL 35202. Copyright 1998 by the American Association for Cancer Research, Inc. Printed in the U.S.A.
The National Cancer Institute (NCI) seeks a Chief for its extramural Organ Systems Branch (OSB). This position oversees and provides leadership for the scientific and fiscal management of the OSB and the planning, development and implementation of Specialized Programs of Research Excellence (SPOREs). SPOREs are teams of extramural basic, clinical and population scientists who focus on a single organ-site cancer and dedicate themselves to translational research that will have an impact on early detection, prevention, diagnosis and treatment of human cancer. The NCI defines translational research as the movement of laboratory discoveries into patient and population research settings or observations in patients and populations back into the research laboratory. This position oversees a wide spectrum of research approaches and is responsible for promoting and facilitating interactions among SPOREs, between SPOREs and the scientific community and between the SPORE Program and other extramural units in the NCI.

**SALARY RANGE AND FRINGE BENEFITS:** Salary ranges from $77,798 to $101,142 per annum. Benefits include health and life insurance, retirement, paid holidays, vacation and sick leave. Salary includes locality pay.

**BASIC QUALIFICATIONS:** U.S. Citizenship is required. Applicants must meet the basic experience and educational qualification requirements for U.S. government Medical Officer, Biologist, Microbiologist, Geneticist, Health Science Administrator or Chemist positions. In order for the qualifications to be validated and considered, it is mandatory that you submit the following with your application: A. An undergraduate and graduate transcript or course list which includes grades, and semester hours received per course for all courses; B. A current curriculum vitae; and C. A description of your proficiency in the following Knowledge, Skills and Abilities (KSAs):

1.) General knowledge or familiarity with the basic, clinical and population sciences relating to cancer.
2.) Knowledge or familiarity of multidisciplinary research and/or translational research.
3.) Ability to work effectively with scientists and science administrators to promote important scientific opportunities.
4.) Ability to lead and manage a research grant program or equivalent.

**APPLICATION PROCEDURES:** The NCI recruitment bulletin for this position contains complete application procedures and lists all mandatory information which you must submit in your application. To obtain the recruiting bulletin, call 1-800-728-JOBS (for local calls, 301-594-2953). When prompted, enter the "Fax ID Number" - 1917. You will be prompted for your fax machine number. If you have any questions on qualification requirements or application procedures, or if you wish to obtain a position description or other information, please call (301) 402-2812.

Please submit your resume, SF-171 Application for Federal Employment or OF-612 Optional Application Form by the closing date to:

**NATIONAL CANCER INSTITUTE**
**NATIONAL INSTITUTES OF HEALTH**
**HUMAN RESOURCE AND COUNSELING BRANCH**
6120 Executive Boulevard, MSC 7211
Executive Plaza South, Suite 550
Rockville, Maryland 20852-7211

NIH is an Equal Opportunity Employer
Faculty Positions
Cancer Epidemiologist

The Division of Epidemiology of the Department of Preventive Medicine and Environmental Health in the College of Medicine at the University of Iowa is seeking candidates for two tenure-track faculty positions with training and expertise in cancer epidemiology. The Department has 41 faculty, M.S. and Ph.D. graduate programs and over $20 million in research funding. Research resources include the Iowa Cancer Registry, the Preventive Intervention Center, the Survey and sampling Unit, and the Environmental Health Sciences Research Center. Candidates should have a Ph.D., Dr.P.H. or M.D. with appropriate epidemiologic training. Preference will be given to candidates with training or experience in population surveillance, risk factor assessment, e.g. nutrition, environmental agents, or genetics, molecular epidemiology, chemoprevention, educational or behavioral interventions or health services utilization for cancer screening and/or treatment. The faculty member may be any rank, assistant to full professor, dependent upon experience. The faculty member will be responsible for instruction and research. Salary will be commensurate on experience. Curriculum vitae and the names of three references should be sent to James C. Torner, Ph.D., Division Director, Department of Preventive Medicine and Environmental Health, 2800 Steindler Building, University of Iowa, Iowa City, Iowa 52242. Information on the Department of Preventive Medicine and Environmental Health at www.pmeh.uiowa.edu

We are committed to a diverse faculty. Women and minorities are strongly urged to apply. The University of Iowa is an Equal Opportunity/Affirmative Action Employer.

HEAD, DEPARTMENT OF EPIDEMIOLOGY AND BIOSTATISTICS
SCHOOL OF RURAL PUBLIC HEALTH, TEXAS A&M UNIVERSITY

The newly established School of Rural Public Health is seeking a senior level epidemiologist for the position of Professor and Head of the Department of Epidemiology and Biostatistics. Candidates should hold a doctorate in epidemiology, or M.D., or other terminal health professions degree, with a M.P.H. or M.S. in epidemiology. The individual should have a record of accomplishment in teaching and scholarly activities such as research, grantsmanship, and peer-reviewed publications. Experience in administration in an academic or scientific institution is essential. The successful candidate will establish the new department, recruit faculty, set goals and objectives, develop and implement quality professional, graduate, and postgraduate education, stimulate research and other scholarly activities, manage the resources of the department, establish collaborative relationships both within and external to the health science center, and assist the Dean in the evolution of the school.

The School of Rural Public Health is a component of the Health Science Center at Texas A&M, a land, sea, and space grant university with more than 40,000 undergraduate and graduate students. Texas A&M ranks among the top seven universities in the country in research funding. A broad range of interdisciplinary research, education, and service activities are possible through on-campus academic components as well as multiple campuses and extension units scattered throughout Texas.

Interested individuals should send a cover letter of application, curriculum vitae, and the names, addresses and telephone numbers of three references to: Dr. David McMurray, Chair, Search Committee, Texas A&M University Health Science Center, 102 Reynolds Medical Building, College Station, Texas 77843-1114. For additional information you may contact Dr. McMurray at (409) 845-2387. Deadline for application is October 15, 1998, or until the position is filled.

Texas A&M University is an equal opportunity employer.
ASSISTANT OR ASSOCIATE PROFESSOR
Cancer Epidemiologist

The Stanley S. Scott Cancer Center and the Louisiana State University School of Medicine, Department of Public Health and Preventive Medicine invite applications for an academic position in the Department of Public Health and Preventive Medicine. Candidates must have a Dr.P.H. in epidemiology or an M.D. with an M.P.H. in epidemiology. Candidates must have at least three years post-doctoral experience with a documented record of research productivity and strong analytic skills. Appointment rank will be commensurate with experience and training. Candidates should send a cover letter, curriculum vitae, and names of three references to:

Dr. Elizabeth T. H. Fonseca
Professor and Head
Dept. of Public Health and Preventive Medicine
LSU School of Medicine
1600 Canal Street, Suite 800
New Orleans, LA 70112

LSU IS AN EQUAL OPPORTUNITY EMPLOYER

NATIONAL CANCER INSTITUTE
DIVISION OF CANCER EPIDEMIOLOGY AND GENETICS
BETHESDA, MARYLAND

CHIEF, CLINICAL GENETICS BRANCH

The Division of Cancer Epidemiology and Genetics (DCEG), National Cancer Institute (NCI), is seeking candidates for the position of Chief of the Clinical Genetics Branch (CGB). Candidates should be internationally recognized for their expertise, leadership, and collaborative abilities in the area of human cancer genetics.

CGB is one of eight branches and a laboratory within the Division’s intramural research program. The CGB (1) integrates clinical observations in an interdisciplinary approach involving epidemiologic, statistical, and laboratory methods to define the role of susceptibility genes in cancer etiology; (2) identifies and characterizes phenotypic manifestations of genetic and familial syndromes predisposing to cancer; (3) counsels high-risk individuals regarding their personal risk of specific cancers; (4) conducts research into the clinical, social psychological, and ethical issues involved in predisposition testing and counseling programs; (5) conducts observational studies and clinical trials to evaluate strategies for the intervention and prevention of hereditary cancer; (6) participates in the cancer genetics training program; and (7) cooperates with national and international organizations to promote research on genetic determinants of cancer.

The Chief plans, manages and directs the activities of the CGB, utilizing intramural resources, contracts, interagency agreements, and multi-disciplinary collaborations. He/she designs, implements and analyzes interdisciplinary studies of cancer-prone individuals and families to achieve the mission of the branch. In addition, the Chief fosters a mentorship program to train clinicians, epidemiologists, allied researchers and health care providers in the skills needed to characterize and counsel individuals and families predisposed to cancer.

Research experience must include extensive interdisciplinary investigations using clinical, epidemiologic, and laboratory approaches toward the identification and characterization of genetic and familial syndromes predisposing to cancer. Candidates must also have satisfactory experience in the administration and management of a research program that is relevant to the Branch’s mission. Candidates must hold a medical or other doctoral-level degree in a relevant scientific field. Nonresident aliens must have a valid employment visa.

The annual salary range is commensurate with education and experience, and may range as high as $151,800. Depending on the hiring mechanism, an individual with an M.D. degree may receive a Physician’s Comparability Allowance of up to $20,000 per annum.

To obtain information on the application procedures and documents required for consideration for this position, please contact Dr. Ruthann Giusti at (301) 496-1611, FAX: (301) 402-3265 or e-mail her at: giusti@epndce.nci.nih.gov

NIH is an Equal Opportunity Employer

FACULTY POSITIONS
UNC
DEPARTMENT OF EPIDEMIOLOGY
SCHOOL OF PUBLIC HEALTH
LINEBERGER COMPREHENSIVE CANCER CENTER

CANCER EPIDEMIOLOGY

The Department of Epidemiology, School of Public Health, and the UNC Lineberger Comprehensive Cancer Center at the University of North Carolina at Chapel Hill are seeking outstanding individuals with demonstrated ability in any area of cancer epidemiology research. Two to three tenure-track appointments in the Department of Epidemiology will be available. Rank will be determined by the applicant’s qualifications. Successful candidates will be expected to develop a funded research program, teach, and advise students. The Department and the Cancer Center will provide research space and start-up funds.

The University of North Carolina at Chapel Hill offers a wide range of epidemiologic and multidisciplinary resources and collaborative opportunities to conduct cancer research. Current projects include studies of breast, colon, head and neck, and childhood cancers. Opportunities exist for research on other cancer sites. Available resources include a mechanosensory for population-based, rapid ascertainment of cancer cases, facilities for processing and storing biologic specimens, and well-developed laboritories for molecular and immunohistochemical analyses.

Applicants should send a curriculum vitae, a description of research plans, and names of three references to:

Andrew F. Olshan, Ph.D.
614 Melissa Stroud
UNC Lineberger Comprehensive Cancer Center, CB# 7295
University of North Carolina at Chapel Hill • Chapel Hill, NC 27599-7295

The Committee will begin reviewing applications immediately.

The University of North Carolina at Chapel Hill is an Affirmative Action/Equal Opportunity Employer.
CHIEF, NUTRITIONAL EPIDEMIOLOGY BRANCH

The Division of Cancer Epidemiology and Genetics (DCEG), National Cancer Institute (NCI), is seeking candidates to fill the position of Chief of the Nutritional Epidemiology Branch (NEB). Candidates should be internationally recognized for their expertise leadership, and collaborative capabilities in the area of nutritional epidemiology.

NEB is one of eight branches and a laboratory within the Division’s intramural research program. The Branch conducts studies aimed at identifying the role of diet and nutrition in the etiology of cancer. Emphasis is placed on interdisciplinary studies that integrate epidemiologic, clinical, and laboratory approaches.

The Chief plans, manages and directs the activities of NEB, utilizing intramural resources, contracts, interagency agreements, and extramural collaborations. He/she designs, implements and analyzes epidemiologic and interdisciplinary studies, employing morbidity, mortality and registry data from national and international sources to generate hypotheses on the role of diet and nutrition and their interactions with other factors in the etiology of cancer. Descriptive and analytical studies are undertaken: (1) to generate and test specific hypotheses on the role of diet and nutrition in the etiology of cancer, using clues from epidemiologic, clinical and laboratory research; (2) to assess interactions of diet and nutrition with environmental, genetic and other host factors on cancer risk through interdisciplinary studies; (3) to develop and validate methods to assess the role of diet and nutrition in the etiology of cancer; (4) to develop and utilize dietary and nutritional databases and other resources to facilitate epidemiologic and interdisciplinary studies on the etiology and prevention of cancer; and (5) to elucidate biologic mechanisms of carcinogenesis through epidemiologic and interdisciplinary studies into nutritional determinants of cancer.

Research experience should include extensive interdisciplinary investigations using epidemiologic, clinical and laboratory approaches to study the role of diet and nutrition and their interactions with environmental and host factors in the etiology of cancer. Candidates should also have experience in the administration and management of an epidemiology research program that includes clinical and laboratory components. Candidates must hold a medical or other doctoral-level degree in a relevant scientific field. Nonresident aliens must have a valid employment visa.

The annual salary is commensurate with education and experience, ranging from $77,798 to $151,800. Depending upon the hiring mechanism, an individual having an M.D. degree may receive a Physician’s Comparability Allowance of up to $20,000 per annum.

To obtain more information on this position, please contact Dr. Shelia Hoar Zahm, Chair Search Committee, at (301) 496-8157, FAX: (301) 402-3256, or e-mail: zahms@epndce.nci.nih.gov

NCI is an Equal Opportunity Employer

---

Postdoctoral Fellowships in Cancer Prevention: Nutrition, Epidemiology, Behavioral Sciences

The Fred Hutchinson Cancer Research Center invites applications for two-year post-doctoral fellowships in its Cancer Prevention Research Program. Opportunities are available for trainees interested in nutrition, epidemiology, genetics, screening, and behavior change interventions. Ongoing research includes large, population-based studies, intervention trials, surveillance, and epidemiologic studies of cancer etiology.

Fellowships require a Ph.D. or M.D., with training in nutrition, epidemiology, or related fields. These positions are restricted to U.S. citizens and permanent residents, and stipends range from $30,000 to $40,000 depending on training and experience.

To apply please send a CV and a cover letter describing your background to:
Alan R. Kristal, Dr.P.H.
Cancer Prevention Research Program
Fred Hutchinson Cancer Research Center
1100 Fairview Avenue North, MP-702
P.O. Box 19024
Seattle, WA 98109-1024

---

Cancer Prevention Fellowship

The Wake Forest University School of Medicine is accepting applications for the Cancer Prevention Fellowship Program, a National Cancer Institute-funded postdoctoral fellowship to train individuals from a multiplicity of health science disciplines for academic careers in cancer prevention and control research. The program provides salary support for up to three years of training and tuition for optional graduate work leading to an MS degree in epidemiology.

Eligibility: MD, Ph.D., or other doctoral degree

Citizenship: U.S. Citizen or resident alien of U.S. eligible for citizenship within four years

Request for information or applications:
Electra D. Paskett, Ph.D.
Director, Cancer Prevention Fellowship Program
Wake Forest University School of Medicine
Medical Center Boulevard
Winston-Salem, NC 27157
epaskett@rc.fwsu.edu