



# **Department of Defense US Army Medical Research and Materiel Command**

## ***Fiscal Year 2001 Ovarian Cancer Research Program Awards Book***

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## **Introduction**

The U.S. Army Medical Research and Materiel Command is pleased to present the award list of funded projects for the fiscal year 2001 (FY01) Ovarian Cancer Research Program. Award negotiations were completed by September 30, 2002. The awards listed in this document were selected through a competitive, two-tiered review process. Funding decisions were based upon scientific excellence evaluated in the first tier of review, followed by programmatic relevance judged in the second tier. These projects represent a diverse portfolio of scientific research in six program emphasis areas: (1) etiology, (2) prevention, (3) early detection/diagnosis, (4) preclinical therapeutics, (5) quality of life, and (6) behavioral studies.

Congressional direction for FY01 specified \$12 million for ovarian cancer research. Following the receipt of funds, a programmatic strategy was developed, proposals were solicited and evaluated, awards were selected, and contract negotiations were completed. The key initiatives of the FY01 OCRP were building research infrastructure (research tools) and supporting innovative research that would foster new directions for, address neglected issues in, and bring new independent investigators into ovarian cancer. The FY01 programmatic strategy was to fund Program Project Awards. Program Project Awards were designed to enhance ovarian cancer research infrastructure through the establishment of new multidisciplinary programs in the field. FY01 funds are supporting five Program Project Awards.

As the funded investigators embark on these projects, the Department of Defense and the U.S. Army gratefully acknowledge the participation of their scientist, clinical, and consumer advisors. The expertise, vision, and diversity of perspectives of all individuals who contributed to this program were vital to developing a sound investment strategy on behalf of all persons affected by ovarian cancer. It is with great anticipation and excitement that we await the outcomes of this research.

### *Program Project Awards*

<b>Log Number</b>	<b>PI Last Name</b>	<b>PI First Name</b>	<b>Institution</b>	<b>Proposal Title</b>	<b>Award Amount</b>	<b>Award Type</b>
OC010011	<b>Berchuck</b>	<b>Andrew</b>	<b>Duke University Medical Center</b>	<b>Biological Basis for Chemoprevention of Ovarian Cancer</b>	<b>\$2,319,862</b>	<b>Program Project Award</b>
OC010011-CA	Schildkraut	Joellen	Duke University Medical Center	Epidemiology and Tissue Core		Core Facility
OC010011-P1	Berchuck	Andrew	Duke University Medical Center	Genetic Polymorphisms and Risk of Ovarian Cancer		Investigator-Initiated Research Project
OC010011-P2	Rodriguez	Gustavo	Duke University Medical Center	Evaluation of Progestins and Vitamin D for the Chemoprevention of Ovarian Cancer		Investigator-Initiated Research Project
OC010011-P3	McDonnell	Donald	Duke University Medical Center	Dissection of the Progestin Receptor Signaling Pathway in Ovarian Epithelial Cells		Idea Research Project
OC010013	<b>Ness</b>	<b>Roberta</b>	<b>University of Pittsburgh</b>	<b>Novel Risk Factors and Potential Early Detection Markers for Ovarian Cancer</b>	<b>\$1,606,642</b>	<b>Program Project Award</b>
OC010013-CA	Modugno	Francesmary	University of Pittsburgh	Population Development, Data, and Specimen Collection and Biostatistical Core Facility		Core Facility
OC010013-CB	Ness	Roberta	University of Pittsburgh	Administrative Core		Core Facility
OC010013-P1	Modugno	Francesmary	University of Pittsburgh	Genetic and Lifestyle Determinants of Hormonal Risk Factors Associated with Epithelial Ovarian Cancer: An International Comparison		Investigator-Initiated Research Project
OC010013-P2	Ness	Roberta	University of Pittsburgh	Insulin, Androgen, and Ovarian Cancer		Investigator-Initiated Research Project
OC010016	<b>Curtin</b>	<b>John</b>	<b>New York University School of Medicine</b>	<b>Development and Novel Uses of Antibodies in Epithelial Ovarian Cancer</b>	<b>\$2,313,188</b>	<b>Program Project Award</b>
OC010016-CA	Liebes	Leonard	New York University School of Medicine	Pharmacology and Tissue Immunopathology Laboratory Core		Core Facility
OC010016-CB	Curtin	John	New York University School of Medicine	Administration		Core Facility
OC010016-P1	Trakht	Ilya	Columbia University	Development and Antigen Characterization of Totally Human Monoclonal Antibodies to Ovarian Cancer-Associated Antigens		New Investigator Research Project

OC010016-P2	Kramer	Elissa	New York University School of Medicine	Potential of Radioimmunotherapy by Topoisomerase I Inhibitor When Combined for Ovarian Cancer Treatment		Investigator-Initiated Research Project
OC010016-P3	Brooks	Peter	New York University School of Medicine	Targeting Cryptic Collagen Epitopes as a Novel Therapeutic Strategy for the Treatment of Ovarian Carcinoma		Idea Research Project
OC010017	<b>Kurman</b>	<b>Robert</b>	<b>Johns Hopkins University, East Baltimore Campus</b>	<b>Pathogenesis of Ovarian Serous Carcinoma as the Basis for Immunologic Directed Diagnosis and Treatment</b>	<b>\$2,319,646</b>	<b>Program Project Award</b>
OC010017-CA	Kurman	Robert	Johns Hopkins University, East Baltimore Campus	Administration/Statistics Core		Core Facility
OC010017-CB	Montz	Frederick	Johns Hopkins University, East Baltimore Campus	Tissue and Blood Bank		Core Facility
OC010017-P1	Shih	Ieming	Johns Hopkins University, East Baltimore Campus	Molecular Characterization of Ovarian Serous Tumors Developing along Different Pathways		New Investigator Research Project
OC010017-P2	Roden	Richard	Johns Hopkins University, East Baltimore Campus	Identification of Autologous Antigens in Early-Stage Serous Carcinoma		Investigator-Initiated Research Project
OC010017-P3	Wu	Tzyy Choou	Johns Hopkins University, East Baltimore Campus	Development of Antigen-Specific Cancer Vaccines for the Control of Ovarian Cancer		Idea Research Project
OC010025	<b>Nicosia</b>	<b>Santo</b>	<b>University of South Florida</b>	<b>Cell Growth and Survival in Ovarian Epithelial Cancer</b>	<b>\$1,789,779</b>	<b>Program Project Award</b>
OC010025-CA	Nicosia	Santo	University of South Florida	Administration		Core Facility
OC010025-CB	Nicosia	Santo	University of South Florida	Pathology		Core Facility
OC010025-P1	Cheng	Jin	University of South Florida	AKT2 Oncogene and Its Associated Protein, APBP, in Human Ovarian Cancer		Investigator-Initiated Research Project
OC010025-P2	Kruk	Patricia	University of South Florida	The Anti-Apoptotic Role of Telomerase in Ovarian Cancer		Investigator-Initiated Research Project
OC010025-P4	Coppola	Domenico	University of South Florida	Ascorbyl Stearate Inhibits Proliferation and Induces Apoptosis of Human Ovarian Carcinoma Cells		Idea Research Project

## Fiscal Year 2001 Ovarian Cancer Research Program Peer Reviewers

Peer Reviewers	Degree	Institution/Affiliation
Almeida-Porada, Maria Graca D.	M.D., Ph.D.	VA Medical Center
Bandera, Christina A.	M.D.	University of Pennsylvania School of Medicine
Batra, Surinder Kumar	Ph.D.	University of Nebraska Medical College
Beattie, Craig W.	Ph.D.	University of Nevada-Reno
Bigbee, William L.	Ph.D.	University of Pittsburgh Cancer Institute
Bourguignon, Lilly Y.W.	Ph.D.	University of California-San Francisco, VA Medical Center
Boyd, Jeffrey A.	Ph.D.	Memorial Sloan Kettering Cancer Center
Carney, James P.	Ph.D.	University of Maryland School of Medicine, RORL
Deuel, Thomas F.	M.D.	Harvard Medical School, Beth Israel Hospital
Gabrielson, Edward W.	M.D.	John Hopkins Oncology Center
Haddad, Bassem R.	M.D.	Georgetown University, Institute for Molecular and Human Genetics
Hanigan, Marie H.	Ph.D.	University of Oklahoma Health Sciences Center
Hankinson, Susan E.	Sc.D., M.P.H.	Harvard School of Public Health
Hickey, Robert J.	Ph.D.	University of Maryland School of Medicine, Greenebaum Cancer Center
Holt, Jeffrey T.	M.D.	Vanderbilt University School of Medicine
Kern, Francis G.	Ph.D.	Southern Research Institute
Kitajewski, Jan K.	Ph.D.	Columbia University
Klostergaard, Jim	Ph.D.	University of Texas M.D. Anderson Cancer Center
Knepper, Janice E.	Ph.D.	Villanova University
Kuo, Calvin J.	M.D., Ph.D.	Stanford University School of Medicine
Lamb, Dolores J.	Ph.D.	Baylor College of Medicine
Lau, Ching C.	M.D., Ph.D.	Texas Children's Hospital
Lee, William M.	M.D., Ph.D.	University of Pennsylvania School of Medicine
Lum, Clark K.	Ph.D.	Executive Secretary
Maihle, Nita Jane	Ph.D.	Mayo Clinic and Foundation
Malkas, Linda H.	Ph.D., M.P.H.	University of Maryland School of Medicine
Mantulin, William W.	Ph.D.	University of Illinois at Urbana-Champaign
Marcus, Aaron J.	M.D.	Weill Medical College of Cornell University
Mason, Ann M.		Ovarian Cancer Coalition of Greater Washington

<b>Peer Reviewers</b>	<b>Degree</b>	<b>Institution/Affiliation</b>
Melancon, Cindy H.		Ovarian Cancer National Alliance
Morris, Patricia L.	Ph.D.	Rockefeller University, Population Council
Mulhern, Sally Ann	Ph.D.	Executive Secretary
Nakshatri, Harikrishna	Ph.D.	Indiana Cancer Research Institute
Ochieng, Josiah	Ph.D.	Meharry Medical College
Olopade, Olufunmilayo F.	M.D.	University of Chicago Medical Center
Olson, Susan B.	Ph.D.	Oregon Health and Science University
Patriotis, Christos	Ph.D.	Fox Chase Cancer Center
Ramakrishnan, Sundarham	Ph.D.	University of Minnesota
Rao, Jian-Yu	M.D.	University of California, Los Angeles Medical Center
Rosenblatt, Karin A.	Ph.D., M.P.H.	University of Illinois
Sanchez, Yolanda	Ph.D.	University of Cincinnati
Schwanke, Jane L.		Minnesota Ovarian Cancer Alliance, Inc.
Smith, David I.	Ph.D.	Mayo Foundation
So, Peter T.C.	Ph.D.	Massachusetts Institute of Technology
Solonche, Martha N.		SHARE: Self-Help for Women with Breast or Ovarian Cancer
Somplatsky-Jarman, Carol		Ovarian Cancer Alliance
Soprano, Kenneth J.	Ph.D.	Temple University School of Medicine
Umbreit, Jay N.	M.D., Ph.D.	University of South Alabama
Vaughn, Virginia A.		National Ovarian Cancer Coalition
Yang, Yu-Chung	Ph.D.	Case Western Reserve University
Zeleniuch-Jacquotte, Anne	M.D.	New York University School of Medicine
Zhang, Jian-Ting	Ph.D.	Indiana University School of Medicine

**Fiscal Year 2001 Ovarian Cancer Research Program  
Integration Panel (IP) Members**

<b>IP Members</b>	<b>Degree</b>	<b>Institution/Affiliation</b>
Hoskins, William (Chair)	M.D.	Memorial Sloan-Kettering Cancer Center
Alvarez, Ronald	M.D.	University of Alabama at Birmingham
Bell, Debra	M.D.	Massachusetts General Hospital
Birrer, Michael (Chair-Emeritus)	M.D., Ph.D.	National Cancer Institute
Gallion, Holly	M.D.	University of Pittsburgh
Gershenson, David	M.D.	University of Texas M.D. Anderson Cancer Center
Hamilton, Thomas	Ph.D.	Fox Chase Cancer Center
Hernandez, Enrique	M.D.	Temple University School of Medicine
Hricak, Hedvig	M.D., Ph.D.	Memorial Sloan-Kettering Cancer Center
Karlan, Beth (Executive Committee Member)	M.D.	Cedars-Sinai Medical Center
Kolker, Ann (Executive Committee Member)	J.D.	Ovarian Cancer National Alliance
Markman, Maurie	M.D.	The Cleveland Clinic Foundation
Padilla, Geraldine	Ph.D.	American Cancer Society
Risch, Harvey	M.D., Ph.D.	Yale University School of Medicine
Robinson, Elwood	Ph.D.	North Carolina Central University
Scroggins, Mary	M.A.	Ovarian Cancer National Alliance
Steller, Michael	M.D.	Brown University School of Medicine
Young, Robert	M.D.	Fox Chase Cancer Center

**Fiscal Year 2001 Ovarian Cancer Research Program  
Ad Hoc Programmatic Reviewers**

<b>Ad Hoc Reviewers</b>	<b>Degree</b>	<b>Institution/Affiliation</b>
Boyd, Jeffrey	Ph.D.	Memorial Sloan-Kettering Cancer Center
Daly, Mary	M.D., Ph.D.	Fox Chase Cancer Center
Rubin, Stephen	M.D.	University of Pennsylvania Medical Center



## Glossary of Terms

***Program Project Award:*** This award mechanism was designed to enhance ovarian cancer research infrastructure by establishing collaborations across research disciplines and institutions, supporting innovative research, and attracting new independent investigators into the ovarian cancer research field. Program Project Award proposals were required to be integrated around one or more program emphasis areas (i.e., etiology, prevention, early detection/diagnosis, preclinical therapeutics, quality of life and/or behavioral studies) as related to epithelial ovarian carcinoma and/or primary peritoneal carcinoma. Furthermore, Program Projects were to foster collaborations in ovarian cancer research among established and promising investigators, and between institutions. The proposals consisted of an Overall Program, a minimum of two and a maximum of four Research Projects and a minimum of one Core Facility supporting the proposed work. At least one of the Research Projects was an Idea or New Investigator Research Project. Investigator-Initiated Research Projects could have been included but were not required.

***Idea Research Project:*** The intent of this Research Project was to stimulate and reward creative ideas that may be viewed as speculative, but had a potential for high payoff. This research may have represented a new paradigm, challenged existing paradigms, or looked at an exiting problem from a new perspective. The proposed concept may have been untested, but had a high probability for revealing new avenues of investigation. Preliminary or pilot data were not required.

***New Investigator Research Project:*** The intent of this Research Project was to encourage new investigators (Assistant Professor or equivalent with independent research facilities but no more than 6 years of experience in ovarian cancer research) to pursue research in the field of ovarian cancer. Preliminary or pilot data were required.

***Investigator-Initiated Research Project:*** The intent of the Investigator-Initiated Research Project was to sponsor research that would provide insight into the ovarian cancer research field. The intent was to fund independent investigators across a broad spectrum of disciplines.

***Core Facility:*** The intent of the Core Facility was to support high quality services required by one or more Research Projects.