



*Department of Defense*

*Prostate Cancer  
Research Program*

*2000 Awards Book  
September 2001*

Headquarters, U.S. Army Medical Research and Materiel Command  
MCMR-PLF, 1077 Patchel Street  
Fort Detrick, Maryland 21702-5024



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## INTRODUCTION

The U.S. Army Medical Research and Materiel Command (USAMRMC) is pleased to present the award list of funded projects for its fiscal year 2000 (FY00) Prostate Cancer Research Program. Award negotiations were completed on September 30, 2001. The awards listed in this document were selected by a competitive two-tiered review process. Funding decisions were based on evaluations of scientific excellence in the first review tier, followed by determinations of programmatic relevance in the second tier. These projects represent a diverse portfolio of scientific research in two categories: (1) Research Awards and (2) Training/Recruitment Awards.

Congress directed \$75 million in appropriations for prostate cancer research in FY00. Following receipt of funds, a programmatic strategy was developed, proposals were solicited and evaluated, awards were selected, and contract negotiations were completed. A total of 142 studies was funded.

The Research Award category includes New Investigator Awards and Idea Development Awards. New Investigator Awards are targeted to investigators in the early phases of their careers and to investigators established in other fields who desire to move into prostate cancer research but who have little or no preliminary data in prostate cancer. Idea Development Awards are aimed at giving established prostate cancer investigators and those investigators who want to move into prostate cancer research and who have preliminary data relevant to prostate cancer the necessary support and time to undertake underinvestigated areas of research. Idea Development Awards contain an option for supporting Nested Historically Black Colleges and Universities/Minority Institutions (HBCU/MI) Traineeships. These nested traineeships provide assistance to train new HBCU/MI scientists for careers in prostate cancer research.

In addition to the two Research Award mechanisms listed above, execution of the Dual Phase Awards was completed in FY00. As described in the FY97 PCRFP Broad Agency Announcement, Phase II Dual Phase Awards were offered as competitive continuation awards for funded FY97/98 Phase I Idea Development and New Investigator awards. In FY00, the FY97/98 Phase I awardees were invited to compete for Phase II support, which led to 33 Phase II awards.

The Training/Recruitment Award category includes Postdoctoral Traineeship Awards and Minority Population Focused Collaborative Training (MPFCT) Awards. Postdoctoral Traineeship Awards provide support for recent doctoral degree graduates to gain experience in prostate cancer research. The intent of the MPFCT Award mechanism is to encourage new investigators to focus their research efforts on the disparity in prostate cancer incidence and mortality among different ethnic groups.

As the funded scientists 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 prostate cancer. It is with great anticipation and excitement that the USAMRMC awaits the outcomes of these research projects.

***FY00 Prostate Cancer Research Program***

***RESEARCH AWARDS***

## FY00 Prostate Cancer Research Program

### New Investigator Awards

Log Number	Principal Investigator		Institution	Proposal Title	Award Amount
	Last Name	First Name			
PC001046	Ashby	Andrea	Lawrence Livermore National Laboratory	Multi-Modality Transurethral and Transvesicle Prostate Imaging for Diagnostics, Treatment Planning, and Therapy Monitoring	\$489,022
PC001229	Atalar	Ergin	Johns Hopkins University, East Baltimore Campus	Endourethral MRI Guidance for Prostatic RF Ablation	\$368,112
PC001482	Bates	Paula	Louisville, University of	Mechanism of Action of Novel Antiproliferative Oligonucleotides	\$323,324
PC001461	Bristow	Robert	University Health Network, Toronto	Molecular Determinants of Radioresponse in Prostate Cancer	\$189,410
PC001264	Budunova	Irina	AMC Cancer Research Center	Role of IKKs and Transcription Factor NF-(kappa)B in Prostate Tumorigenesis	\$380,155
PC991539	Carstens	Russ	Pennsylvania, University of	Identification of Alternative Splicing Factors Involved in Prostate Cancer Progression	\$337,984
PC001276	Chen	Hongwu	California, University of, Davis	Aberrant Chromatin Modification as a Mechanism of Prostate Cancer Progression	\$332,136
PC001549	Corey	Eva	Washington, University of	Study of Direct Effects of Estrogen on Prostate Cancer	\$349,027
PC991544	Corey	Eva	Washington, University of	Studies of Role of Cathepsin K and Inhibitory Effects of Biophosphonates in Prostate Cancer Bone Metastasis	\$341,780
PC001204	Daaka	Yehia	Duke University Medical Center	G Protein Dependent Progression of Prostate Cancer	\$345,663
PC001426	Daliani	Danai	M.D. Anderson Cancer Center, University of Texas	The Clinical Development of Thalidomide as an Angiogenesis Inhibitor Therapy for Prostate Cancer	\$283,616
PC001374	Devi	Gayathri	AVI BioPharma	Preclinical Development of Antisense Therapeutics for Prostate Cancer Using Phosphorodiamidate Morpholino Oligomers	\$225,000

Log Number	Principal Investigator		Institution	Proposal Title	Award Amount
	Last Name	First Name			
PC001532	Ghosh	Jagadananda	Virginia, University of	Molecular Regulation of Apoptosis in Prostate Cancer Cells by Dietary Fat	\$333,000
PC001288	Hahn	William	Dana-Farber Cancer Institute	Development of Immortalized and Tumorigenic Prostate Cell Lines of Defined Genetic Constitution	\$385,563
PC001053	Hurwitz	Arthur	New York, State University of, Syracuse	Modulation of T Cell Tolerance in a Murine Model for Immunotherapy of Prostatic Adenocarcinoma	\$337,562
PC991256	Kazanietz	Marcelo	Pennsylvania, University of	Protein Kinase C Isozymes and Prostate Cancer	\$357,750
PC991111	Keller	Evan	Michigan, University of	Interleukin-6 and Prostate Cancer Progression	\$321,219
PC001591	Koeneman	Kenneth	Texas Southwestern Medical Center, University of, Dallas	Targeting Osteoblastic Bone Metastasis with a Novel Site Restricted Gene Therapy	\$350,993
PC001308	Kotula	Leszek	Research Foundation for Mental Hygiene, Inc.	The Role of Human Spectrin SH3 Domain Binding Protein 1(HSSH3BP1) in Prostatic Adenocarcinoma	\$391,663
PC001078	Lam	Wan	British Columbia Cancer Agency	A Genomic Approach to Identifying Novel Targets for Early Detection and Intervention of Prostate Cancer	\$224,905
PC001557	Li	Honglin	Children's Hospital, Chicago	TRAIL: A Novel Therapeutic Agent for Prostate Cancer	\$319,500
PC001525	Li	Song	Pittsburgh, University of	Targeted Delivery of Therapeutic Oligonucleotides for the Treatment of Prostate Cancer	\$219,639
PC001118	Lillard	James	Morehouse School of Medicine	The Role of Chemokines in Prostate Cancer	\$334,022
PC001583	Milosevic	Michael	University Health Network, Toronto	A Study of Transrectal Tumor Oxygen Measurements in Patients with Clinically Localized Prostate Cancer	\$198,375
PC001407	Moscattello	David	Coriell Institute for Medical Research	Epidermal Growth Factor (EGF) Receptor Intron 1 CA Repeat Polymorphisms in African-American and Caucasian Males: Influence on Prostate Cancer Risk or Disease Progression and Interaction with Androgen Receptor CAG Repeat Polymorphisms	\$384,701

Log Number	Principal Investigator		Institution	Proposal Title	Award Amount
	Last Name	First Name			
PC001193	Odedina	Folakemi	Florida A&M University	Development and Validation of a Model of Prostate Cancer Screening in African-American Men	\$318,608
PC001059	Pagenkopf	Brian	Texas, University of, Austin	Synthesis of Acetogenin Analogs as Potential Therapeutics for Treating Prostate Cancer	\$335,689
PC001562	Ravindranath	Mepur	John Wayne Cancer Institute	Gangliosides during Tumor Progression in Prostate Cancer	\$281,250
PC001216	Rogers	Buck	Alabama, University of, Birmingham	Enhanced Peptide Radiotherapy of Prostate Cancer Using Targeted Adenoviral Vectors	\$322,875
PC001347	Roth	Monica	New Jersey, University of Medicine and Dentistry of, Robert Wood Johnson Medical School	Development of Retroviral Vectors Targeted to Prostate Cells	\$353,223
PC991438	Sheikh	Saeed	New York, State University of, Stony Brook	TRAIL-Mediated Apoptotic Signaling in Prostate Cancer	\$230,579
PC001019	Shuler	Charles	Southern California, University of	Smad-Mediated Signaling during Prostate Growth and Development	\$365,625
PC001325	Signoretti	Sabina	Dana-Farber Cancer Institute	The Basal Cell Maker p63 and Prostate Stem Cells	\$384,617
PC001266	Songyang	Zhou	Baylor College of Medicine	Identification of Signaling Proteins That Modulate Androgen Receptor Activity	\$361,125
PC001322	Tseng	Marilyn	Fox Chase Cancer Center	Dietary Patterns and Prostate Cancer Risk in the NHEFS Cohort	\$156,121
PC001172	Von Seggern	Daniel	Scripps Research Institute	Adenoviral Gene Therapy Vectors Targeted to Prostate Cancer	\$395,739
PC001101	Wang	Zhengxin	Rockefeller University	Mechanism and Regulation of Gene Expression by Androgen Receptor in Prostate Cancer	\$375,750
PC001428	Weber	Horst	Boston University, Boston Campus	Molecular Mechanisms of Aberrant Human Gastrin-Releasing Peptide Receptor Expression and Its Signaling in Prostate Cancer	\$312,708
PC001243	Yao	Tso-Pang	Duke University Medical Center	Functional Analysis of p53 Acetylation in Prostate Tumor Suppression	\$344,394

Log Number	Principal Investigator		Institution	Proposal Title	Award Amount
	Last Name	First Name			
PC001593	Yee	Jiing Kuan	City of Hope Beckman Research Institute	Anti-Angiogenic Gene Therapy of Prostate Cancer with Lentiviral Vectors	\$393,640
PC001108	Zheng	Jianping	Southern California, University of	L-Plastin Expression and Its Role for Invasion and Metastasis in Prostate Carcinoma	\$365,625



## FY00 Prostate Cancer Research Program

### Idea Development Awards

Log Number	Principal Investigator		Institution	Proposal Title	Award Amount
	Last Name	First Name			
PC001375	Abraham	Robert	Burnham Institute	Targeting the Target of Rapamycin for Prostate Cancer Therapy	\$701,763
PC001040	Alfano	Robert	New York, City University of, City College of New York	Prostate Cancer Detection Using Near Infrared Spectral Polarization Imaging	\$536,956
PC001001*	Asal	Nabih	Morehouse School of Medicine	Study of Prostate Cancer Screening and Mortality among Black and White Men in the Five Atlanta Area SEER Counties	\$676,675
PC001434	Boothman	David	Case Western Reserve University	Exploiting IR-Inducible NQO1 Levels Using (Beta)-Lapachone, a Novel Apoptotic Agent	\$489,007
PC001076	Burk	Robert	Albert Einstein College of Medicine of Yeshiva University	Characterization of the HPCX Prostate Cancer Susceptibility Gene	\$626,971
PC991068	Carraway	Robert	Massachusetts Medical Center, University of	Prostate Cancer Cell Growth: Role of Neurotensin in Mediating Effect of Dietary Fat and Mechanism of Action	\$584,284
PC991163	Carson	Daniel	Delaware, University of	Mucin (MUC1) Expression and Function in Prostate Cancer Cells	\$533,202
PC001404	Chen	Tai	Boston University, Boston Campus	The Role of 25-Hydroxyvitamin D-1 Alpha-Hydroxylase in the Normal Prostate Growth and Prostate Cancer	\$610,398
PC991572	Chung	Leland	Virginia, University of	Accelerated Tumor Cell Death by Angiogenic Modifiers	\$554,997
PC001533	Clark	Jack	Boston University, Boston Campus	Living with Early Prostate Cancer: Decisions and Outcomes	\$438,503
PC001116	Conti	Claudio	M.D. Anderson Cancer Center, University of Texas	Studies of Prostate Tumor Development via Cre/LoxP Technology	\$562,499
PC001424	Corry	Peter	William Beaumont Hospital	Thermobrachytherapy for Recurrent Prostate Cancer	\$518,399

\*Provides support for Historically Black Colleges and Universities/Minority Institutions Traineeship(s).

Log Number	Principal Investigator		Institution	Proposal Title	Award Amount
	Last Name	First Name			
PC001480	Dalton	James	Ohio State University	Novel Strategy for Prostate Cancer Imaging: Synthesis and Pharmacology of Novel Nonsteroidal Ligands	\$466,084
PC991139	Diefenbach	Michael	Fox Chase Cancer Center	Facilitating Treatment Decision Making, Adjustment, and Coping in Men Newly Diagnosed with Prostate Cancer	\$629,740
PC009115	Donato	Nicholas	M.D. Anderson Cancer Center, University of Texas	Calcium-Mediated Apoptosis and Apoptotic Sensitization in Prostate Cancer	\$431,781
PC001502	Ellerby	Howard	Buck Center for Research in Aging	Comprehensive Development Program of Hunter-Killer Peptides for Prostate Cancer	\$697,725
PC001052	Epner	Daniel	Baylor College of Medicine	Dietary Methionine Restriction: Novel Treatment for Hormone-Independent Prostate Cancer	\$564,375
PC001174	Feng	Pei	Maryland, University of, Baltimore	Genetic Alteration of Metabolism and Tumorigenicity of Prostate Cancer Cells	\$554,048
PC001228	Fox	Bernard	Providence Portland Medical Center	Development of Effective Immunotherapy for Prostate Cancer	\$525,364
PC001104	Gao	Allen	Pittsburgh, University of	The Role of Stat3 Activation in Androgen Receptor Signaling and Prostate Cancer	\$433,932
PC001364	Hait	William	New Jersey, University of Medicine and Dentistry of, Robert Wood Johnson Medical School	Regulation of Drug Sensitivity by Functional Status of p53 in Human Prostate Cancer	\$579,613
PC001147	Halpern	Ethan	Thomas Jefferson University	Intermittent Ultrasound Imaging of Prostate Cancer	\$587,854
PC001212	Hoffman	Robert	Anticancer Incorporated	Whole-Body Optical Imaging of Prostate Cancer Metastasis and Gene Expression	\$418,997
PC001411	Honn	Kenneth	Wayne State University	Thromboxane Synthase and Prostate Cancer Progression	\$558,575
PC001138	Hung	Mien-Chie	M.D. Anderson Cancer Center, University of Texas	The p202 Gene as a Tumor Suppressor in Prostate Cancer Cells	\$455,679

Log Number	Principal Investigator		Institution	Proposal Title	Award Amount
	Last Name	First Name			
PC001595	Imperiale	Michael	Michigan, University of	Role of the Human Polyomavirus, BKV, in Prostate Cancer	\$566,084
PC001527	Ittmann	Michael	Baylor College of Medicine	Sprouty-1, an Inhibitor of Prostate Cancer Signal Transduction	\$512,237
PC001446	Kinch	Michael	Purdue University	Targeting of EphA2 in Prostate Cancer Metastases	\$539,329
PC001272	Koch	Tad	Colorado, University of, Boulder	Design, Synthesis, and Evaluation of Activated Doxorubicin Targeted to Advanced Prostate Cancer	\$532,291
PC001340	Kraft	Andrew	Colorado Health Sciences Center, University of	Overcoming Resistance of Prostate Cancer to TRAIL-Mediated Apoptosis	\$555,544
PC001156	Lazebnik	Yuri	Cold Spring Harbor Laboratory	A New Pathway of Chemotherapy-Induced Apoptosis in a Prostate Cancer Cell Line	\$623,148
PC001420	Libermann	Towia	Beth Israel Deaconess Medical Center, Boston	A Novel Prostate Epithelium-Specific Transcription Factor in Prostate Cancer	\$637,499
PC010431	Miller	Duane	Tennessee, University of	Selective Cytotoxic Phospholipids for Prostate Cancer	\$556,364
PC001296	Modugno	Francesmary	Pittsburgh, University of	Bone Mineral Density, Sex Steroid Genes, Race, and Prostate Cancer Risk	\$560,495
PC991550	Mukhtar	Hasan	Case Western Reserve University	Green Tea in Prevention and Therapy of Prostate Cancer	\$324,291
PC001416	Neuhausen	Susan	Utah, University of	Genetic Epidemiology of Prostate Cancer	\$562,399
PC991496	Ostrer	Harry	New York University School of Medicine	Genetic Susceptibility to Prostate Cancer in the Netherlands Cohort Study	\$532,234
PC001440	Pretlow	Thomas	Case Western Reserve University	Prostatic Fluid Cells	\$571,746
PC991526	Radinsky	Robert	M.D. Anderson Cancer Center, University of Texas	Cellular Mechanisms Regulating Urokinase-Type Plasminogen Activator in Hormone Refractory Prostate Cancer: A Novel Therapeutic Target	\$518,745
PC001280	Reichardt	Juergen	Southern California, University of	Genetic Variation in the HSD3B2 Gene and Prostate Cancer	\$570,894

Log Number	Principal Investigator		Institution	Proposal Title	Award Amount
	Last Name	First Name			
PC001588	Reiter	Robert	California, University of, Los Angeles	Prostate Stem Cell Antigen (PSCA): A Promising Prognostic Marker and Therapeutic Target in Prostate Cancer	\$410,732
PC001149	Rinker-Schaeffer	Carrie	Chicago, University of	Evaluation of the Role of the Metastasis-Suppressor Gene MKK4/SEK1 in Transgenic Models of Prostate Cancer	\$528,062
PC001302	Rui	Hallgeir	Henry M. Jackson Foundation	Novel Isoform of Transcription Factor Stat5 in Prostate Cancer	\$545,859
PC001551	Shuai	Ke	California, University of, Los Angeles	PIAS Proteins in Androgen Signaling and Prostate Cancer	\$572,917
PC001186	Smith	Jeffrey	Burnham Institute	Protease Profiling in Prostate Cancer	\$730,629
PC001481	Vessella	Robert	Washington, University of	Does the Phenotyping of Disseminated Prostate Cancer Cells in Blood and Bone Marrow Prior to Radical Prostatectomy Provide Prognostic Information?	\$567,100
PC001354	Wang	Zhou	Northwestern University Medical School	Suppressive Role of Androgen-Response Gene Calreticulin in Prostate Cancer	\$534,689
PC001142*	Wells	Alan	Pittsburgh, University of	Cell Motility in Tumor Invasion	\$668,715
PC991333	Wilson	Elaine	New York University School of Medicine	Behavior and Characterization of Prostatic Stem Cells	\$617,752
PC991505	Wong	Jiemin	Baylor College of Medicine	Mechanism of Transcriptional Regulation by Androgen Receptor and Its Coactivators in the Context of Chromatin	\$556,738
PC001122	Young	Charles	Mayo Clinic and Foundation, Rochester	Identification of Tumor-Associated Antigens and Development of DNA Vaccines for Prostate Cancer	\$517,736
PC001590	Zhang	Xiao Kun	Burnham Institute	Orphan Receptor TR3/nur77 and Apoptosis in Prostate Cancer Cells	\$740,278

\*Provides support for Historically Black Colleges and Universities/Minority Institutions Traineeship(s).

## FY00 Prostate Cancer Research Program

### Phase II New Investigator Awards

Log Number	Principal Investigator		Institution	Proposal Title	Award Amount
	Last Name	First Name			
PC000005	Basu	Hirak	SLIL Biomedical Corporation	Development of Novel Cytotoxic Telomerase Inhibitors	\$298,955
PC000008	Brady-Kalnay	Susann	Case Western Reserve University	PTP(mu) Regulates Cell Adhesion and Signaling in Human Prostate Cancer Cells	\$459,000
PC001350	Brooks	James	Stanford University	Patterns of Gene Expression and Prostate Cancer Prevention	\$480,000
PC001545	Ford	Marvella	Henry Ford Health System	Understanding Factors Related to Prostate, Lung, and Colorectal Screening among African-American Men	\$434,692
PC001336	Hsieh	Jer-Tsong	Texas Southwestern Medical Center, University of, Dallas	Characterization of Putative Homeostatic Molecules in Prostate Development and Androgen-Independent Prostate Cancer	\$468,000
PC001392	Jaffray	David	William Beaumont Hospital	On-Line Tomographic Guidance for Radiotherapy of the Prostate	\$392,150
PC001363	Loh	Stewart	New York, State University of, Syracuse	Structural Basis for Small Molecule Rescue of Mutant p53	\$352,538
PC000041	Sellers	William	Dana-Farber Cancer Institute	Forkhead Transcription Factors as Downstream Effectors of PTEN Function	\$500,900
PC001263	Strauss	William	Beth Israel Deaconess Medical Center, Boston	An Experimental System to Evaluate LOH in Prostate Cancer	\$495,760
PC001209	Wang	Bingcheng	Case Western Reserve University	EphA2 Kinase Agonists as Novel Suppressors of Both Prostate Cancer Cell Motility and Growth: Structure-Function Relations and the Role of RAS/MAPK Pathway	\$410,796

## FY00 Prostate Cancer Research Program

### Phase II Idea Development Awards

Log Number	Principal Investigator		Institution	Proposal Title	Award Amount
	Last Name	First Name			
PC000046	Belldegrun	Arie	California, University of, Los Angeles	Targeted Gene Therapy for Advanced Prostate Cancer: Pre-Clinical Studies Using the Pro-Apoptotic TRAIL Gene Controlled by an Enhanced PSA Promoter with In-Vivo Monitoring by Non-Invasive PET Imaging	\$710,055
PC001565	Buttynan	Ralph	Columbia University	Protocadherin-PC and Therapeutic Resistance of Prostate Cancer	\$638,333
PC000018	Doxsey	Stephen	Massachusetts Medical Center, University of	Centrosome Defects, Genetic Instability and Prostate Cancer Progression	\$777,154
PC000016	Gelmann	Edward	Georgetown University	NKX3.1 in Prostate Cancer	\$557,355
PC000023	Ho	Shuk-Mei	Massachusetts Medical Center, University of	Characterization of an ICI182,780-Induced, Estrogen Receptor (ER)(beta)-Mediated Apoptotic Pathway in Prostatic Cancer Cells and Establishment of ER(beta)-Regulated Electrophile-Processing Phase II Enzyme Downregulation as a Promotional Factor in Human Pr	\$684,789
PC000029	Honn	Kenneth	Wayne State University	Bioactive Lipids: Role in Prostate Cancer Angiogenesis, Part II	\$550,764
PC001403	Isaacs	William	Johns Hopkins University, East Baltimore Campus	Mapping Hereditary Prostate Cancer Genes (HPC2, HPC3,...)	\$668,801
PC000030	Languino	Lucia	Yale University	(beta)1 and (beta)3 Integrins in Prostate Cancer	\$717,719
PC001491	Lee	Chung	Northwestern University	TGF-(beta)-Based Gene Therapy in Rat Prostate Cancer	\$506,107

Log Number	Principal Investigator		Institution	Proposal Title	Award Amount
	Last Name	First Name			
PC000034	Lin	Sue-Hwa	M.D. Anderson Cancer Center, University of Texas	Tumor-Specific Regulation of C-CAM Cell Adhesion Molecule in Prostate Carcinogenesis	\$441,930
PC001210	Lokeshwar	Balakrishna	Miami School of Medicine, University of	An Innovative Strategy for the Prevention and Treatment of Metastatic Prostate Cancer: Modified Tetracyclines as Chemotherapeutics II	\$613,320
PC000011	Martuza	Robert	Massachusetts General Hospital	Herpes Virus Therapy of Prostate Cancer	\$811,264
PC000017	Miller	Donald	Louisville, University of	G-Rich Oligonucleotides as Novel Therapeutic Agents for Prostate Cancer	\$657,171
PC001366	Naylor	Susan	Texas Health Science Center, University of, San Antonio	Y Chromosome Aberrations in Prostate Cancer	\$666,606
PC000020	Peace	David	Illinois, University of, Chicago	Identification of Class I HLA-Restricted Prostatic Epitopes for Specific T Cell Immunotherapy of Human Prostate Cancer	\$641,106
PC001386	Reed	John	Burnham Institute	Regulation of Hormone Responses in Prostate Cancer by BAGIL	\$986,030
PC000009	Sadar	Marianne	British Columbia Cancer Agency	Inhibition of Ligand-Independent Activation of the Androgen Receptor: A Potential Mechanism for Blocking Malignant Tumor Progression of Prostate Cancer	\$346,798
PC000027	Sawyers	Charles	California, University of, Los Angeles	Transgenic Models for Prostate Cancer	\$723,846
PC000042	Vallabhajosula	Shankar	Cornell University Medical Center	(90)Y-DOTA-huJ591, Humanized Monoclonal Antibody Specific to the Extracellular Domain of PSMA: Dose Escalation Trial in Patients with Prostate Cancer	\$804,126
PC000025	Waters	David	Purdue University	Effect of Selenium Supplementation on Molecular Biomarkers of Carcinogenesis in the Aged Dog Prostate	\$734,026

Log Number	Principal Investigator		Institution	Proposal Title	Award Amount
	Last Name	First Name			
PC000021	Winkler	Jeffrey	Pennsylvania, University of	Design and Synthesis of New Prostate Cancer Chemotherapeutic Agents	\$513,419
PC000001	Witte	John	Case Western Reserve University	Genetic Epidemiology of Prostate Cancer	\$580,220
PC000012	Young	Charles	Mayo Clinic and Foundation, Rochester	Chemotherapeutic and Immunotherapeutic Effects of 15-Deoxy-(delta)12,14-Prostaglandin J(2) on Prostate Cancer	\$542,995



***FY00 Prostate Cancer Research Program***

***TRAINING/RECRUITMENT AWARDS***

## FY00 Prostate Cancer Research Program

### Postdoctoral Traineeship Awards

Log Number	Principal Investigator		Institution	Proposal Title	Award Amount
	Last Name	First Name			
PC001454	Agoulnik	Irina	Baylor College of Medicine	The Role of Coregulators in the Activation of Androgen Receptor by Androgen-Independent Pathways	\$98,000
PC001082	Arafat	Waleed	Alabama, University of, Birmingham	Endothelial Vehicles as a Novel Anti-Angiogenic Gene Therapy in Cancer of the Prostate	\$88,023
PC001008	Cooper	Carlton	Michigan, University of	Induced Expression of Androgen Receptor in Androgen-Independent Prostate Cancer Cells Using an I (kappa) B (alpha) Super-Repressor	\$98,000
PC001582	Du	Jian	Cold Spring Harbor Laboratory	A Molecular Basis of Genomic Instability in Prostate Cancer: Regulation of the Centrosome Duplication Cycle	\$98,000
PC001514	Goldberg	Julie	Illinois, University of, Chicago	Prostate Cancer Utility Assessment: Contextual Factors Affecting Patients' Evaluation of Health Outcomes and Treatment Choice	\$65,957
PC001099	Hanlon	Alexandra	Fox Chase Cancer Center	Hierarchical Nonlinear Mixed Effect Modeling: Defining Post-Radiation Therapy Relapse in Prostate Cancer Patients	\$98,000
PC001137	Hashimoto	Yoshihiro	Baylor College of Medicine	The Role of Steroid Receptor Coactivators (SCRs) in the Development of Prostate Cancer	\$97,766
PC001247	Lee	Li-Fen	California, University of, Davis	Neurotrophic Factors, Tyrosine Kinases, and Androgen Independence in PCA	\$95,123
PC001265	Li	Rong	Cornell University, Weill Medical College	Molecular Markers of Retinoid Action in Human Prostate	\$97,570

Log Number	Principal Investigator		Institution	Proposal Title	Award Amount
	Last Name	First Name			
PC001041	Martiniello-Wilks	Rosetta	New South Wales, University of	Augmentation of a Novel Enzyme/Pro-Drug Gene Therapy 'Distant Bystander Effect' to Target Prostate Cancer Metastasis	\$97,850
PC001237	Padalecki	Susan	Texas Health Science Center, University of, San Antonio	Prostate Cancer Metastases to Bone: Role of High Bone Turnover Induced by Androgen Deprivation	\$97,966
PC001283	Song	Young	Pittsburgh, University of	Development of Gene Therapy with TRAIL for Prostate	\$97,932
PC001035	Williams	Karin	California, University of, San Francisco	Human Prostate Cancer in a Tissue Recombination Model	\$97,993
PC001158	Wu	Yi-Mi	California, University of, Davis	Screening and Functional Characterization of Protein Tyrosine Kinases Differentially Regulated in Human Prostate Cancer	\$84,487
PC001472	Zhao	Dawen	Texas Southwestern Medical Center, University of, Dallas	Tumor Oxygen Dynamics as a Prognostic Indicator of Effective Antiangiogenic Therapy	\$98,000

## FY00 Prostate Cancer Research Program

### Minority Population Focused Collaborative Training Award

Log Number	Principal Investigator		Institution	Proposal Title	Award Amount
	Last Name	First Name			
PC001384	Plowden	Keith	Maryland, University of, Baltimore	Motivators and Barriers to Seeking Prostate Cancer Screening and Treatment of Urban African-American Men	\$72,956

***FY00 Prostate Cancer Research Program Participants***

## FY00 Prostate Cancer Research Program Peer Reviewers

Peer Reviewer	Degree	Institution/Affiliation
Abcouwer, Steven F.	Ph.D.	Department of Biochemistry and Molecular Biology, University of New Mexico School of Medicine
Abdel-Mageed, Asim B.	D.V.M., Ph.D.	Department of Urology, Tulane University Medical Center
Adair, W. Lee, Jr.	Ph.D.	Department of Biochemistry, University of South Florida College of Medicine
Adams, Gregory P.	Ph.D.	Department of Medical Oncology, Fox Chase Cancer Center
Ahmed, Khalil	Ph.D.	Cellular and Molecular Biochemistry Laboratory, University of Minnesota and Veterans Affairs Medical Center
Anderson, Robert John		American Cancer Society
Arlen, Philip	M.D., Ph.D.	Laboratory of Tumor Immunology and Biology, National Cancer Institute
Asseffa, Amha	Ph.D.	Howard University College of Medicine
Aube, Jeffrey	Ph.D.	Department of Medicinal Chemistry, University of Kansas
Babior, Bernard M.	M.D., Ph.D.	Division of Biochemistry, The Scripps Research Institute
Bachur, Nicholas R.	M.D., Ph.D.	Department of Medicine, University of Maryland Cancer Center
Bahnson, Robert R.	M.D.	Division of Urology, Ohio State University College of Medicine
Baker, William C., Jr.	M.D.	Northern California Veterans Administration System
Balk, Steven P.	M.D., Ph.D.	Hematology Oncology Division, Beth Israel Deaconess Medical Center
Bar-Eli, Menashe	Ph.D.	Department of Cell Biology, University of Texas M.D. Anderson Cancer Center
Barca, Richard A.		PAACT, Inc.
Bartke, Andrzej	Ph.D.	Department of Physiology, Southern Illinois University School of Medicine
Basu, Alakananda	Ph.D.	Department of Molecular Biology and Immunology, University of North Texas Health Science Center
Becich, Michael J.	M.D., Ph.D.	Department of Pathology, University of Pittsburgh Medical School
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# ***GLOSSARY OF TERMS***

## Glossary of Terms

***Idea Development Awards:*** The intent of Idea Development Awards is to encourage innovative approaches to prostate cancer research from established prostate cancer investigators and those investigators at the Assistant Professor level or above who want to move into the prostate cancer field. Idea Development Award research should represent the start of something new, creating or introducing a unique or unusual approach to the study of prostate cancer. This research may represent a new paradigm, challenge existing paradigms, or look at an existing problem from a new perspective. Nested Historically Black Colleges and Universities/Minority Institutions Traineeships are offered as an optional part of the Idea Development Awards. These nested traineeships will prepare new scientists from HBCU/MI for careers in prostate cancer research under the mentorship of an experienced Principal Investigator. It is expected that the training will offer a valuable opportunity to further develop the experience necessary to advance the trainee's research career in prostate cancer.

***Minority Population Focused Collaborative Training Award:*** Minority Population Focused Collaborative Training (MPFCT) Awards are intended to enable investigators to design and initiate a prostate cancer research concept that focuses on the disparity in prostate cancer incidence and mortality among different ethnic groups. The focus should center on issues relevant to prostate cancer biology, prevention, and/or therapy. One of the goals of these awards is to establish and foster collaborations between applicant and established investigators; therefore, applications are required to include collaboration with an established investigator. The long-term goal of this award mechanism is to increase research efforts in this area by preparing investigators to submit competitive, well-developed research proposals to funding agencies.

***New Investigator Award:*** The intent of New Investigator Awards is to promote and reward innovative ideas and technology from investigators in the early phases of their careers as well as those established investigators new to prostate cancer research who have little or no preliminary data in prostate cancer to conquer the disease. A New Investigator is defined as an independent investigator with access to appropriate research facilities. The proposed studies may be untested but have a high probability of revealing new avenues of investigation. Although this research is inherently risky in nature and does not require preliminary or pilot data, these proposals nonetheless should be based on a sound scientific rationale that is established through a critical review and analysis of the literature and logical reasoning.

***Phase II Idea Development Award:*** The Phase II Idea Development Award is a continuation of the Phase I Idea Development Awards described in the FY97 Broad Agency Announcement. The intent of the Phase II Idea Development Award is to encourage and reward innovative approaches to prostate cancer research from Phase I-funded awards that have shown promise in conquering prostate cancer. Only those investigators invited by the U.S. Army Medical Research and Materiel Command to submit a Phase II Idea Development Award are eligible to compete for Phase II Idea Development Award funding. Phase II Idea Development Award proposals should represent the continuation of work begun in Phase I and should involve novel, innovative, unique, or unusual approaches to the study of prostate cancer that will have a significant impact on the field.

***Phase II New Investigator Award:*** The Phase II New Investigator Award is a continuation of the Phase I New Investigator Award described in the fiscal year FY97 Broad Agency Announcement. Note that this is the final phase of this award. The intent of the Phase II New Investigator Award is to promote and reward innovative ideas and technology that have shown promise from Phase I in conquering prostate cancer. Only those investigators invited by the U.S. Army Medical Research and Materiel Command to submit a Phase II New Investigator Award are eligible to compete for Phase II New Investigator Award funding. The proposed studies in Phase II New Investigator Award proposals must be supported by Phase I research and, while innovation and novelty remain key features, the proposed research must demonstrate a high probability of making a significant contribution in the area of prostate cancer.

***Postdoctoral Traineeship Award:*** The intent of Postdoctoral Traineeship Awards is to enable recent doctoral degree graduates with limited postdoctoral experience (i.e., 3 years or less at the time of proposal submission) either to extend ongoing research related to prostate cancer, or to broaden the scope of their research to include work relevant to prostate cancer under the guidance of a designated mentor. Eligible applicants must have successfully defended a doctoral thesis and completed all academic requirements at the time of award negotiation.