

***Fiscal Year 2014 (FY14) Prostate Cancer Research Program (PCRP)
Reference Table of Award Mechanisms and Submission Requirements***

PCRP AWARD MECHANISMS WITH EMPHASIS ON IMPACT				
Award Mechanism	Eligibility	Key Mechanism Elements	Funding	Submission Deadline
Biomarker Development Award Go to: Program Announcement General Application Instructions Grants.gov Funding Opportunity Number: <u>W81XWH-14-PCRP-BDA</u>	Independent investigators at or above the level of Assistant Professor (or equivalent)	Preproposal is required; application submission is by invitation only. - Supports high-impact research aimed at analytical validation or qualification of known prostate cancer biomarkers or biomarker assays for rapid transfer to clinical practice. Biomarker discovery studies will not be supported. Applications are encouraged but not required to address validation of multiple biomarkers and/or studies on use of imaging and serum biomarkers. - Multi-institutional efforts are required. - Presentation of robust preliminary data from test samples is required. - Availability and accessibility of samples and/or data must be demonstrated; use of pre-existing resources is highly encouraged. - Partnering PI option allows for individual awards to multiple sites (maximum of three sites in total), provided the combined direct costs for all sites does not exceed the \$2.25M maximum. - Studies are expected to be initiated within 6 months of the award date.	- Maximum funding of \$2.25M for direct costs (plus indirect costs) - Maximum period of performance is 3 years	Pre-application (Preproposal): June 18, 2014 5:00 p.m. Eastern Time Application: September 24, 2014 11:59 p.m. Eastern Time

PCRP AWARD MECHANISMS WITH EMPHASIS ON IMPACT				
Award Mechanism	Eligibility	Key Mechanism Elements	Funding	Submission Deadline
Health Disparity Research Award Go to: Program Announcement General Application Instructions Grants.gov Funding Opportunity Number: <u>W81XWH-14-PCRP-HDRA</u>	<i>Established Investigators:</i> Independent investigators at or above the level of Assistant Professor (or equivalent); or <i>New Investigators:</i> Investigators that meet the following criteria at the application submission deadline date: - Have the freedom to pursue individual aims without formal mentorship - Have not previously received a PCRP Health Disparity Research Award - If not in an independent faculty position (or equivalent), have completed at least 3 years of postdoctoral training or fellowship - If in an independent faculty position (or equivalent), are within 5 years of having begun work as an independent investigator	Preproposal is required; application submission is by invitation only. - Supports new ideas for prostate cancer research that have the potential to make an important contribution to reducing and ultimately eliminating disparities in prostate cancer incidence, morbidity, and mortality. - Preliminary data are encouraged, but not required. <i>New Investigator Option</i> supports applicants early in their faculty appointments or in the process of developing independent research careers. <i>Qualified Collaborator Option</i> supports a higher level of funding for PIs who include a collaborator that significantly contributes (10% level of effort or greater and provides both intellectual input and research resources) to the research project such that it could not otherwise be accomplished. <i>Nested Health Disparity Traineeship Option</i> supports predoctoral or postdoctoral training, nested within the overall proposed project, for individuals committed to pursuing careers as independent investigators in prostate cancer health disparity research.	- Maximum funding of \$450K for direct costs (plus indirect costs) - If applying for the Qualified Collaborator Option, maximum funding of \$600K for direct costs (plus indirect costs) - Maximum period of performance is 3 years - Additional funds can be requested if including the Nested HD Traineeship Option	Pre-application (Preproposal): July 23, 2014 5:00 p.m. Eastern Time Application: September 24, 2014 11:59 p.m. Eastern Time

PCRP AWARD MECHANISMS WITH EMPHASIS ON IMPACT				
Award Mechanism	Eligibility	Key Mechanism Elements	Funding	Submission Deadline
Laboratory - Clinical Transition Award Go to: Program Announcement General Application Instructions Grants.gov Funding Opportunity Number: <u>W81XWH-14-PCRP-LCTA</u>	Independent investigators at or above the level of Assistant Professor (or equivalent)	Preproposal is required; application submission is by invitation only. - Supports product-driven preclinical studies of promising novel lead agents or medical devices that have the potential to revolutionize prostate cancer clinical care. - For lead agents, PIs are expected to demonstrate (1) a validated target, (2) that either one lead agent or a limited number of agents for optimization has been established, and (3) the agent's mechanism of action. - For devices, PIs are expected to demonstrate reliability, reproducibility, and effectiveness (including sensitivity and specificity) for the medical device. - Robust preliminary data are required, including target availability and distribution in relevant human tissues and information from model systems that supports potential efficacy of the agent or device in humans. - Supports research ranging from preclinical study through current Good Manufacturing Practice production. - Collaboration with commercial partners is highly encouraged.	- Maximum funding of \$1.5M for direct costs (plus indirect costs) - Maximum period of performance is 3 years	Pre-application (Preproposal): July 23, 2014 5:00 p.m. Eastern Time Application: October 29, 2014 11:59 p.m. Eastern Time

PCRP AWARD MECHANISMS WITH EMPHASIS ON IMPACT				
Award Mechanism	Eligibility	Key Mechanism Elements	Funding	Submission Deadline
Population Science Impact Award Go to: Program Announcement General Application Instructions Grants.gov Funding Opportunity Number: <u>W81XWH-14-PCRP-PSIA</u>	Independent investigators at or above the level of Assistant Professor (or equivalent)	Preproposal is required; application submission is by invitation only. - Supports high-impact approaches to prostate cancer research from the perspective of population science studies, generating data and/or tools that can only be achieved from the perspective of systematic studies focused on specific populations of individuals. Studies should employ the logic, concepts, and methods of one or more population sciences: epidemiology, surveillance, health services research, outcomes research, behavioral science, social science, and dissemination research, among other areas. - Studies may utilize retrospective, prospective, case-control, cohort, or other designs provided that the study population is of sufficient size to provide appropriate statistical power. - Topics may include, but are not limited to, biomarkers, especially those relevant to aggressive disease; genetics/ genomics; therapy and predictors of response or resistance; survivorship and palliative care; and health disparity. - Requires a robust statistical plan and strong biostatistics expertise on the study team. - Certain types of clinical trials are allowed.	- Maximum funding of \$750K for direct costs (plus indirect costs) - Period of performance cannot exceed 4 years	Pre-application (Preproposal): July 23, 2014 5:00 p.m. Eastern Time Application: October 29, 2014 11:59 p.m. Eastern Time

PCRP AWARD MECHANISMS WITH EMPHASIS ON INNOVATION				
Award Mechanism	Eligibility	Key Mechanism Elements	Funding	Submission Deadline
Clinical Exploration Award Go to: Program Announcement General Application Instructions Grants.gov Funding Opportunity Number: <u>W81XWH-14-PCRP-CEA</u>	Independent investigators at or above the level of Assistant Professor (or equivalent)	Preproposal is required; application submission is by invitation only. - Supports rapid execution of hypothesis-based, early phase clinical trials (e.g., Phase 0, Phase I, pilot Phase II) to test interventions that will have a major impact on prostate cancer management. Proposed studies should explore innovative and untested concepts to provide scientific rationale or initial proof-of-principle for larger clinical trials in prostate cancer. - Also supports patient-based, innovative, hypothesis-driven correlative studies associated with existing/ongoing clinical trials. - Interventions may include drugs, devices, biologics, surgical procedures, behavior modifications, or other types. - Investigational New Drug or Investigational Device Exemption approvals, if applicable, must be in place before an award will be made. - Clinical trials are expected to be initiated within 12 months of the award date.	- Maximum funding of \$450K for direct costs (plus indirect costs) - Maximum period of performance is 5 year	Pre-application (Preproposal): July 23, 2014 5:00 p.m. Eastern Time Application: October 29, 2014 11:59 p.m. Eastern Time

PCRP AWARD MECHANISMS WITH EMPHASIS ON INNOVATION				
Award Mechanism	Eligibility	Key Mechanism Elements	Funding	Submission Deadline
Exploration - Hypothesis Development Award Go to: Program Announcement General Application Instructions Grants.gov Funding Opportunity Number: <u>W81XWH-14-PCRP-EHDA</u>	Investigators at or above the level of postdoctoral fellow (or equivalent)	- Supports the exploration of highly innovative, untested, potentially groundbreaking concepts in prostate cancer. - Emphasis is on innovation; potential impact may be difficult to predict. - Human subject studies are permitted provided the studies are exempt from or eligible for expedited Institutional Review Board review. - The presentation of preliminary data is strongly discouraged.	- Maximum funding of \$75K for direct costs (plus indirect costs) - Maximum period of performance is 1 year	Pre-application (Letter of Intent): June 25, 2014 5:00 p.m. Eastern Time Application: July 9, 2014 11:59 p.m. Eastern Time

PCRP AWARD MECHANISMS WITH EMPHASIS ON INNOVATION				
Award Mechanism	Eligibility	Key Mechanism Elements	Funding	Submission Deadline
Idea Development Award Go to: Program Announcement General Application Instructions Grants.gov Funding Opportunity Number: <u>W81XWH-14-PCRP-IDA</u>	<i>Established Investigators:</i> Independent investigators at or above the level of Assistant Professor (or equivalent); or <i>New Investigators:</i> Investigators that meet the following criteria at the application submission deadline date: - Have the freedom to pursue individual aims without formal mentorship - Have not previously received a PCRP Idea Development Award - If not in an independent faculty position (or equivalent), have completed at least 3 years of postdoctoral training or fellowship - If in an independent faculty position (or equivalent), are within 5 years of having begun work as an independent investigator	Preproposal is required; application submission is by invitation only. - Supports new ideas that represent innovative, high-risk/high-gain approaches to prostate cancer research, and have the potential to make an important contribution to eliminating death from prostate cancer and enhancing the well-being of men with prostate cancer. - Preliminary data are encouraged but not required. - Innovation and Impact are the most important review criteria. - Clinical trials are not allowed. <i>New Investigator Option</i> supports applicants early in their faculty appointments or in the process of developing independent research careers.	Established PIs: - Maximum funding of \$375K for direct costs (plus indirect costs) - Maximum period of performance is 3 years New Investigator Option: - Maximum funding of \$225K for direct costs (plus indirect costs) - Maximum period of performance is 3 years	Pre-application (Preproposal): June 12, 2014 5:00 p.m. Eastern Time Application: September 24, 2014 11:59 p.m. Eastern Time

PCRP AWARD MECHANISMS WITH EMPHASIS ON INNOVATION				
Award Mechanism	Eligibility	Key Mechanism Elements	Funding	Submission Deadline
Synergistic Idea Development Award Go to: Program Announcement General Application Instructions Grants.gov Funding Opportunity Number: <u>W81XWH-14-PCRP-SIDA</u>	Independent investigators at or above the level of Assistant Professor (or equivalent)	Preproposal is required; application submission is by invitation only. - Supports new or existing partnerships between two or three independent investigators to address a central innovative question or problem in prostate cancer that may include high risk, provided there is a potential for significant impact. - PIs are expected to demonstrate within the application the synergistic components (i.e., leveraging disciplines, expertise, or critical resources) that will significantly advance the project such that the research outcomes as a whole will be realized rapidly and efficiently and could not otherwise be accomplished through independent efforts of a single PI. - Preliminary data are encouraged but not required. - Synergy, Innovation, and Impact are the most important review criteria. - Clinical trials are not allowed.	- Maximum funding of \$750K for direct costs (plus indirect costs) - Maximum period of performance is 3 years	Pre-application (Preproposal): June 12, 2014 5:00 p.m. Eastern Time Application: September 24, 2014 11:59 p.m. Eastern Time

PCRP AWARD MECHANISMS WITH EMPHASIS ON RESOURCES				
Award Mechanism	Eligibility	Key Mechanism Elements	Funding	Submission Deadline
Prostate Cancer Biospecimen Resource Site Award (New for FY14!) Go to: Program Announcement General Application Instructions Grants.gov Funding Opportunity Number: <u>W81XWH-14-PCRP-PCBRSA</u>	Independent investigators at or above the level of Assistant Professor (or equivalent)	Preproposal is required; application submission is by invitation only. - Provides support for infrastructure that will facilitate participation in an existing PCRP-funded prostate cancer biorepository network through the collection, processing, annotation, storage, and distribution of high-quality human biospecimens. - Emphasis is on the procurement and provision of prostate cancer biospecimens currently in limited supply yet needed to address critical areas in prostate cancer research and biomarker development. - Applications will be submitted by biospecimen sites only; the biorepository Coordinating Center will be identified in the Program Announcement. - Applications must provide plans for biospecimen quality assurance, bioinformatics and data management, and ethical and regulatory issues.	- Maximum funding of \$400K for direct costs (plus indirect costs) - Period of performance is 2 years	Pre-application (Preproposal): July 23, 2014 5:00 p.m. Eastern Time Application: October 29, 2014 11:59 p.m. Eastern Time

PCRP AWARD MECHANISMS WITH EMPHASIS ON TRAINING				
Award Mechanism	Eligibility	Key Mechanism Elements	Funding	Submission Deadline
Physician Research Training Award Go to: Program Announcement General Application Instructions Grants.gov Funding Opportunity Number: <u>W81XWH-14-PCRP-PRTA</u>	At the time of application submission, the PI (who is the trainee) must be either: - In the last year of an accredited medical residency or medical fellowship program; or - Within 3 years of having initiated an appointment as Instructor, Assistant Professor, or equivalent	- Supports training of physicians with clinical duties for careers in prostate cancer research. - PIs must demonstrate a commitment to a career at the forefront of prostate cancer research and clinical practice. - PIs must have a designated mentor with an established research program in prostate cancer. - Institutions must provide at least 40% protection of PI's time for research. - Projects that focus on providing training in basic research are highly encouraged.	- Maximum funding of \$130K <i>per year</i> for direct costs (plus indirect costs) - Maximum period of performance is 4 years	Pre-application (Letter of Intent): August 27, 2014 5:00 p.m. Eastern Time Confidential Letters of Recommendation: September 10, 2014 5:00 p.m. Eastern Time Application: September 10, 2014 11:59 p.m. Eastern Time

PCRP AWARD MECHANISMS WITH EMPHASIS ON TRAINING				
Award Mechanism	Eligibility	Key Mechanism Elements	Funding	Submission Deadline
Postdoctoral Training Award Go to: Program Announcement General Application Instructions Grants.gov Funding Opportunity Number: <u>W81XWH-14-PCRP-PTA</u>	<i>By March 31, 2015</i> , the PI must: - Have successfully defended a doctoral thesis or possess an M.D. degree, and - Have 3 years or less of postdoctoral fellowship experience	- Supports prostate cancer research training opportunities for postdoctoral trainees who are recent doctoral graduates. - PIs must have a designated mentor who is an experienced prostate cancer researcher.	- Maximum of \$115K for direct costs (plus indirect costs up to a maximum rate of 8%) - Maximum period of performance is 2 years	Pre-application (Letter of Intent): August 27, 2014 5:00 p.m. Eastern Time Confidential Letters of Recommendation: September 10, 2014 5:00 p.m. Eastern Time Application: September 10, 2014 11:59 p.m. Eastern Time

PCRP AWARD MECHANISMS WITH EMPHASIS ON TRAINING				
Award Mechanism	Eligibility	Key Mechanism Elements	Funding	Submission Deadline
Collaborative Undergraduate Historically Black Colleges and Universities (HBCU) Student Summer Training Program Award Go to: Program Announcement General Application Instructions Grants.gov Funding Opportunity Number: <u>W81XWH-14-PCRP-STPA</u>	Independent investigators at or above the level of Assistant Professor (or equivalent) with a proven record in prostate cancer research and training	- Supports new or existing summer training programs for undergraduate HBCU students at host institutions with thriving prostate cancer research programs. - Must enroll a minimum of four undergraduate HBCU trainees per year. - Host institution must have a record of achievement in prostate cancer research and training.	- Maximum funding of \$185K for direct costs (plus indirect costs) - Maximum period of performance is 3 years	Pre-application (Letter of Intent): August 27, 2014 5:00 p.m. Eastern Time Application: September 10, 2014 11:59 p.m. Eastern Time