

TITLE: Spatial Uncertainty: Data, Modeling, and Communication

[\(PA-15-009\)](#) (R21), [\(PA-15-010\)](#) (R01), [\(PA-15-011\)](#) (R03)

SPONSOR: National Cancer Institute, National Institute of Environmental Health Sciences

Synopsis: The purpose of this funding opportunity announcement (FOA) is to support innovative research that identifies sources of spatial uncertainty (i.e., inaccuracy or instability of spatial or geographic information) in public health data, incorporates the inaccuracy or instability into statistical methods, and develops novel tools to visualize the nature and consequences of spatial uncertainty. The FOA aims to facilitate multidisciplinary collaborations among researchers to promote research in identifying, quantifying, and communicating spatial uncertainty in health research to improve disease control and prevention. An additional goal of this reissuance is to facilitate integration of data collection, information technology, visualization tools, statistical models, and health communication to reduce spatial uncertainty in the planning, implementation, and evaluation of disease control programs.

TITLE: Novel and Innovative Tools to Facilitate Identification, Tracking, Manipulation, and Analysis of Glycans and their Functions

[\(RFA-RM-14-014\)](#) (R21), [\(RFA-RM-14-013\)](#) (U01)

SPONSOR: National Cancer Institute (NCI)

Synopsis: The Common Fund Program - Accelerating Translation of Glycoscience: Integration and Accessibility- aims to develop accessible and affordable new tools and technologies for studying carbohydrates that will enable researchers in all biomedical fields to dramatically advance our understanding of the roles of these complex molecules in health and disease and to not abandon glycan discovery due to the difficulty or inability to study them.

Application Receipt/Submission Date(s): November 10, 2014

TITLE: Breast Cancer Research Program, Breakthrough Award Levels 1 and 2

[W81XWH-14-BCRP-BREAKTHROUGH2_FL12](#)

SPONSOR: Department of Defense CDMRP

Synopsis: The BCRP challenges the scientific community to design research that will address the urgency of ending breast cancer. Specifically, the BCRP seeks to accelerate high-impact research with clinical relevance, encourage innovation and stimulate creativity, and facilitate productive collaborations. Research proposed under this award mechanism may be small- to large-scale projects, at different stages of idea and research development. Two different funding levels, based on the scope of the research, are available under this Program Announcement/Funding Opportunity. Funding Level 1: Innovative, high-risk/high-reward research that is in the earliest stages of idea development. Research with potential to yield new avenues of investigation. Proof of concept. No preliminary data required. Funding Level 2: Research that is already supported by preliminary data and has potential to make

significant advancements toward clinical translation. Demonstration of efficacy in in vivo models, as applicable.