

StatFund

Your resource for information about biostatistical funding opportunities, mechanisms, application procedures, and funded grants

<https://statfund.cancer.gov>

statfund.cancer.gov is an online resource that provides information about biostatistical funding opportunities and mechanisms as well as grant application and review procedures within the National Institutes of Health (NIH). It also lists funded grants within the NCI Surveillance Research Program. The StatFund site emphasizes funding opportunity announcements that are particularly relevant to statisticians, from new to established investigators.

Statistical Funding Opportunities in Methodology, Applications, and Software

NCI accepts grant proposals for statistical methodology development and applications related to the study of cancer. Statistical research can be basic, clinical, translational, or behavioral. The primary purpose of the StatFund website is to provide a central location for links to the constantly changing variety of funding opportunity announcements that relate to statistical methodology and applications.

NCI's Division of Cancer Control and Population Sciences (DCCPS) is interested in accelerating the development and application of statistical methodologies and software for a broad audience of researchers. Dissemination of user-friendly, robust software and related documentation for cutting-edge statistical methodology is a high priority for diverse areas of cancer control and population science. NCI's priority is to accelerate the movement of code and accompanying documentation from rudimentary stages in which the developer is

the sole user to later stages in which the code and documentation are accessible to non-statisticians and the general research community.

Investigators who wish to apply for NIH grants should become familiar with the application process and policies that determine how grants are awarded to researchers. In addition to content developed to help familiarize statisticians with the NIH funding processes, the StatFund website includes links to application forms and instructions, NIH grants policies, and other online resources.

Statistical Funding Mechanisms and Application Procedures

The NIH funds biostatistical research through a variety of career development awards and research project awards. These include:

- [Mentored Quantitative Research Development Award](#) (K25)
- [Pathway to Independence Award](#) (K99/R00)
- [NCI Cancer Research Education Grants Program](#) (R25)
- [Small Grants Program](#) (R03)
- [NIH Research Enhancement Award](#) (R15)
- [Exploratory/Developmental Research Grant Award](#) (R21)
- [Research Project Grants](#) (R01)
- [Research Program Project/Center Grants](#) (P series)
- [NIH Support for Scientific Conferences](#) (R13 and U13)

For more information about these mechanisms or how to apply, visit

<https://statfund.cancer.gov>.

The Statistical Grant Portfolio — Division of Cancer Control and Population Sciences

The StatFund website lists the portfolio of currently funded grants within DCCPS that are managed by the Surveillance Research Program (SRP). SRP's portfolio includes some statistical methodology grants. Please visit <https://statfund.cancer.gov/> to view the portfolio.

SRP's grant portfolio represents a large proportion of NCI's statistical methods grants. Many of these biostatistical grant applications were reviewed in the following Study Sections/Special Emphasis Panels (SEP):

- Biostatistical Methods and Research Design (BMRD)
- Biodata Management and Analysis (BDMA)
- Biomedical Informatics Library and Data Sciences (BILDS)
- Cancer Biomarkers (CBSS)
- Cancer, Heart, and Sleep Epidemiology Panel A (CHSA)
- Cancer, Heart, and Sleep Epidemiology Panel B (CHSB)
- Healthcare and Health Disparities (HHD)
- Basic Mechanisms in Cancer Health Disparities (BMCD)
- Social Sciences and Population Studies A (SSPA)
- Modeling and Analysis of Biological Systems (MABS)
- Biomedical Computing and Health Informatics (BCHI)
- Genomics, Computational Biology and Technology (GCAT)
- several Special Emphasis Panels (SEP) that review biostatistical applications

Additional information about these Study Sections and SEPs can be found at <https://statfund.cancer.gov/>.

The SRP statistical grants portfolio currently consists of about 100 funded projects related to areas of research that NCI is emphasizing, including cancer treatment, epidemiology, cancer prevention, outcomes research, and cancer surveillance. The portfolio represents a wide range of statistical topics—such as longitudinal models, spatial models, fixed/mixed/random effects models, survival analysis, sequential analysis, and Bayesian inference—which enable interpretation of research results across the full spectrum of the cancer control continuum: prevention, detection, diagnosis, treatment, and survivorship.

Contact Information

Visit <https://statfund.cancer.gov/contact.html> to view a list of the SRP Program Directors who manage biostatistical grants in their portfolio. If you are interested in learning more about grants in the areas listed, please contact the relevant Program Director using the e-mail address provided.