

**Penn Injury Science Center  
Resources for Statistical Consultation**

**Purpose:** The PISC is committed to developing future generations of injury scientists from across disciplines and providing statistical support for projects that are focused on the core mission of the PISC and for when extramural resources are not currently available.

**Who qualifies for support:** This program supports two groups of PISC-affiliates.

- 1) PISC-affiliated post-doctoral and clinical fellows conducting a research project aimed at publication in a peer-reviewed journal and/or to provide preliminary data for an extramural grant application
- 2) PISC senior scholars who are early-stage faculty without research or discretionary account funding to secure statistical consultation.

**Source of Statistical Consultation:** Individuals obtaining support through this program are to use [the BECCA \(Biostatistics \\* Evaluation \\* Collaboration \\* Consultation \\* Analysis\) Lab at Penn Nursing](#). The BECCA provides a team of highly skilled doctoral and master's level data scientists and biostatisticians who work with investigators to design, implement, analyze, and disseminate their research. BECCA provides support in the areas of survey design and administration using REDCap, sample size computation, data management, statistical analysis, and results presentation. BECCA not only ensure statistical rigor and reproducibility, but also make sure that a study design is practical, feasible, and scientifically justifiable.

**Decisions:** This program is overseen by the PISC Training Core, who will review applications, make funding decisions, and inform applicants. Funds are not awarded directly to the investigators; instead, approved funds will be directly routed to BECCA.

**Consultation process:** There are two levels of support available, and all requests should be submitted via [the BECCA project identification form](#), once PISC decides to support the project.

- 1) One-time Consultation: A qualified PISC affiliate may request a one-hour consultation with BECCA to obtain input on a relatively straightforward statistical or methodological question that a trainee or early-stage investigator may have. In the request, identify yourself as a PISC affiliate, and PISC will pay the consulting fee.
- 2) Project: Applicants should submit a request including the following details: a) A one-page project description (an itemized format will be provided); b) A timeline; and c) The number of hours of support requested. Typical funding levels for a project will range from 5 to 15 hours. This funding is primarily intended to guide the recipient in carrying out their analysis, to check code, to address problems that arise in analysis, and to accurately interpret the findings. It may also be used to develop surveys and provide input into the design of the analysis. Additional support may be available on a case-by-case basis for more sophisticated analyses or complex data.