



University Shared Resources

Biostatistics & Design Program

OHSU's cores are your campus technology partners dedicated to the success of your project. For optimal results, take advantage of the state-of-the-art scientific resources within the OHSU community.

www.ohsu.edu/cores



The primary directive of the Biostatistics & Design Program (BDP) is to improve scientific quality and rigor of research through biostatistics collaboration at all phases of research. The BDP can provide research design and analysis support to basic, clinical and population science investigators at OHSU, our partners, and throughout the region.

Director

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About Us

Our mission is to facilitate collaboration with investigators on questions of study design and analysis. BDP faculty and staff have experience in a wide range of content areas in the health sciences, and are experts in the design of clinical trials, clinical and community-based intervention studies, laboratory experiments, and observational studies. We will help investigators select the most appropriate study design to align with their research questions.

Our group has expertise in a wide variety of traditional and modern statistical methods. We can help with trial design and analysis, epidemiologic analysis, sample size and power, high-dimensional data analysis, risk prediction, complex survey analysis, time-to-event and longitudinal models, and statistical simulation.

The BDP also does data management and wrangling, analytic variable coding and data set creation, research database design, data visualization, manuscript preparation, statistical programming, and much more. **We coordinate with our colleagues in other cores** that generate and process data when projects require it—such as the Bioinformatics Core, the Knight Biostatistics Shared Resource, REDCap, the Research Data Warehouse, and the Evaluation Core, among others.

We encourage researchers to consult with the BDP as early as possible and to work with a biostatistician when designing studies and developing statistical analysis plans.

What we do

- **Advice sessions:** Discussion of statistical questions scheduled for approximately an hour, free of charge. These sessions, sponsored by OCTRI-BERD, tend to book a few weeks out; please contact us ahead of time to reserve your spot.
- **“Triage”:** Detailed conversations leading to a recommendation for biostatistics support tailored to research aims, budget, and timeline.
- **Grant preparation:** Proposal development, study design, statistical analysis planning, sample size and power analysis.

We are partially funded by **Oregon Clinical & Translational Research Institute (OCTRI)**'s Biostatistics, Epidemiology, and Research Design (BERD) Program, which hosts a series of **workshops** on a variety of topics as part of the OCTRI Research Forum.

Fees

- Fees for **short-term collaborations** lasting weeks or months are based on projected effort needed to complete the scope of work in the time frame specified. These projects have distinct goals and deadlines.
- **Longer-term collaborations** can be funded by FTE on grants or contracts.

Can We Help You?

Contact us by emailing bdp@ohsu.edu to discuss your needs—we can work with you to determine the scope of statistical support required for your project or grant application, or schedule an advice session for you.



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