

Zhe He, PhD, FIAHSI, FAMIA  
BIRD Co-Lead / Informatics Lead

**FSU | BIostatistics, Informatics & RESEARCH DESIGN PROGRAM**  
CLINICAL & TRANSLATIONAL SCIENCE AWARD

Debajyoti Sinha, PhD  
BIRD Co-Lead / Biostatistics Lead

## What is BIRD Program?

The Biostatistics, Informatics, and Research Design (BIRD) Program is your resource for research design support and consulting services from health data experts. The BIRD Program provides a central location to access support services related to human health data science, informatics, and clinical and translational research design including: Biostatistical data analysis, Clinical trial and research design, EHR database access (e.g., OneFlorida+, TMH), informatics, AI methods, and qualitative data analysis.

### Team Co-Leads



**Dr. Zhe He:** Informatics Lead and a Professor at School of Information

**Expertise:** Biomedical informatics, Natural language processing, machine learning, EHR



**Dr. Debajyoti Sinha:** Biostatistics Lead and Hobbs Endowed Professor of Statistics.

**Expertise:** Design & analysis of clinical studies; Longitudinal & Survival Analysis; Bayesian Biostatics



**Dr. Michael Killian:** Associate Professor at College of Social Work

**Expertise:** Statistical analysis, Power analysis



**Dr. Joshua Loyal:** Assistant Professor in the Department of Statistics.

**Expertise:** Statistical network analysis; Repeated measures data analysis; Machine learning.



**Dr. Balu Bhasuran:** Research Faculty at School of Information.

**Expertise:** Machine learning, EHR, and Natural language processing



**Dr. Jessica De Leon** Associate in Research at College of Medicine.

**Expertise:** Qualitative methods, Community-based health research



**Dr. Jason Chapman:** Research Faculty at College of Medicine.

**Expertise:** Implementation designs, Measurement development and evaluation

### Key Resources and Programs

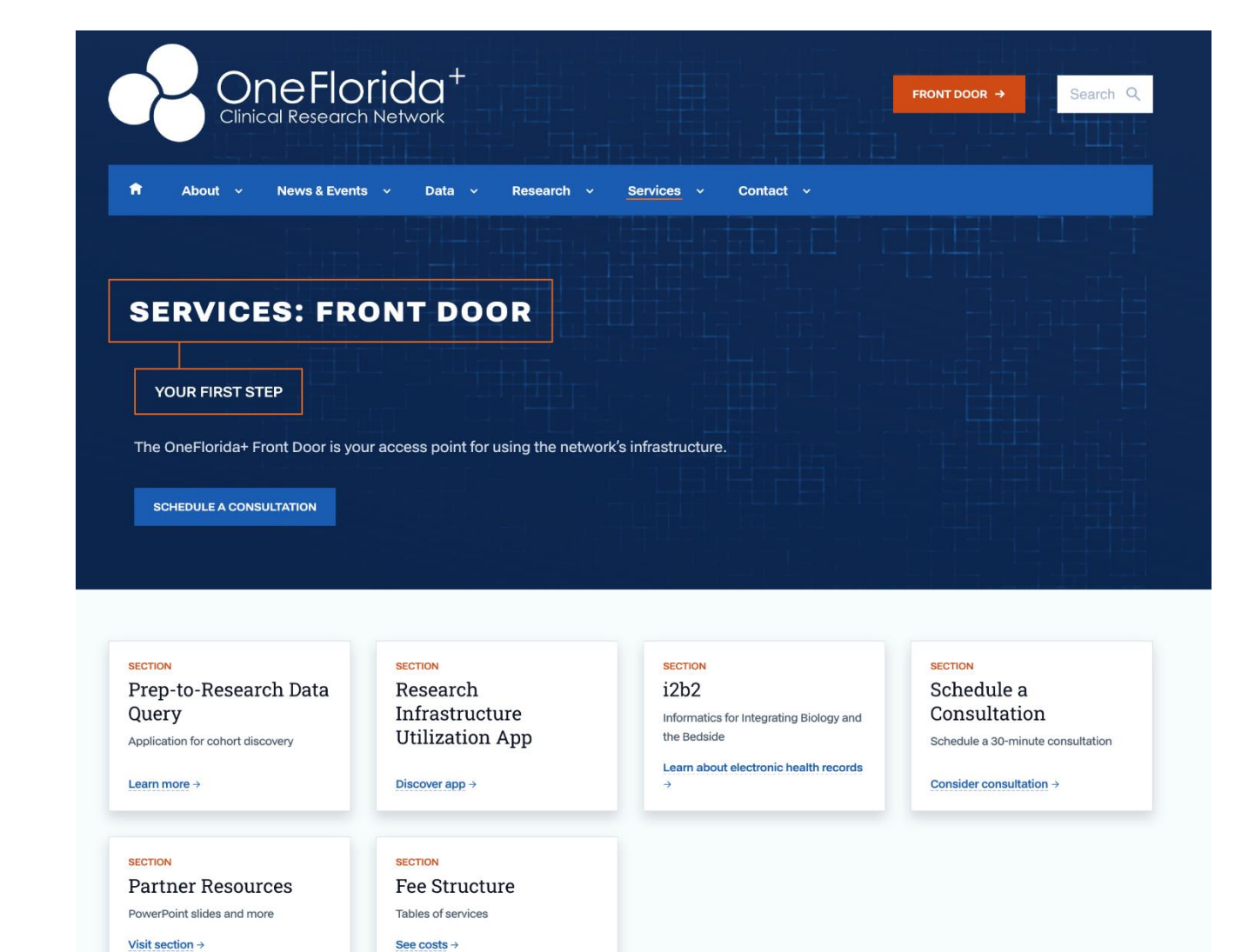
BIRD services can be accessed through **FSU Health Research Connections** and **monthly office hours**. BIRD also manages a **Canvas site** for training materials related to health data sciences and hosts workshops/webinars. The CTSA BIRD program provides support to access OneFlorida+ Data Trust, All of Us, and a variety of data assets related to human health.



FSU Health Research Connections (<https://fsuhealth.fsu.edu>)



Self-enrolled Canvas site (<https://canvas.fsu.edu/enroll/G6WHT4>)



OneFlorida Data Trust <https://onefl.net>