2019 SUMMER INSTITUTES MASTER SCHEDULE

**Week 1** (all modules run 2.5 days)

- **Tuesday, July 9, 8:30 a.m. - 5 p.m.**
  - SISCER 1: Probability and Statistical Inference
  - SISCER 3: Evaluation of Biomarkers and Risk Models (1 day)
  - SISCER 2: Introduction to Longitudinal Data Analysis (1 day)

- **Wednesday, July 10, 8:30 a.m. - 5 p.m.**
  - SISG 8: The Analysis of Survival Data
  - SISG 1: Probability and Statistical Inference

- **Thursday, July 11, 8:30 a.m. - 5 p.m.**
  - SISG 9: Population Genetics
  - SISG 14: Association Mapping: GWAS and Sequencing Data

- **Friday, July 12, 8:30 a.m. - 5 p.m.**
  - SISG 11: Genetic Epidemiology
  - SISG 6: Integrative Genomics

- **Monday, July 15, 8:30 a.m. - 5 p.m.**
  - SISBID 1: Data Wrangling with R
  - SISG 3: Introduction to R

**Week 2** (all modules run 2.5 days)

- **Tuesday, July 16, 8:30 a.m. - 5 p.m.**
  - SISCER 6: Introduction to Survival Analysis (1 day)
  - SISBID 4: Visualization of Biomedical Big Data

- **Wednesday, July 17, 8:30 a.m. - 5 p.m.**
  - SISCER 17: Joint Modeling of Longitudinal and Survival Data (1 day)
  - SISG 2: Introduction to Genetics and Genomics

- **Thursday, July 18, 8:30 a.m. - 5 p.m.**
  - SISCER 16: Special Topics in Design, Conduct and Analysis of Clinical Trials (1 day)
  - SISG 4: Conservation Genetics

**Week 3** (with the exception of Clinical & Epidemiological Research (SISCER), all modules run 2.5 days)

- **Monday, July 22, 8:30 a.m. - 5 p.m.**
  - SISCER 7: Leveraging Individual Subject Characteristics to Guide Treatment Decisions: Methodology for Precision Medicine (1 day)

- **Tuesday, July 23, 8:30 a.m. - 5 p.m.**
  - SISG 18: MCMC for Genetics

- **Wednesday, July 24, 8:30 a.m. - 5 p.m.**
  - SISCER 8: Bayesian Adaptive Clinical Trial Design (1 day)
  - SISG 13: Statistical Genetics

- **Thursday, July 25, 8:30 a.m. - 5 p.m.**
  - SISG 10: Pathway & Network Analysis for Omics Data
  - SISG 15: Advanced Quantitative Genetics

- **Friday, July 26, 8:30 a.m. - 5 p.m.**
  - SISG 8: Bayesian Statistics for Genetics
  - SISG 17: Computational Pipeline for WGS Data