


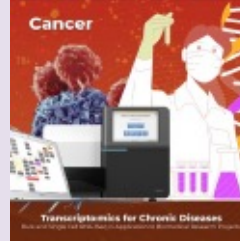



2022 LBRN Summer Bioinformatics Training Modules

(for undergraduate, graduate students, faculty and staff of LBRN Institutions)

The Louisiana Biomedical Research Network (LBRN) Summer Program is Supported by the Louisiana Board of Regents and NIH:NIGMS P20GM103424

Program					
	Omics Logic Bioinformatics	Biomedical Data Analysis in R & Python	Bioinformatics for Infectious Diseases	Transcriptomics for Chronic Diseases	Research Project
Duration (months)	3	1	3	3	3
Number of Students	30	10	10	10	4
Difficulty	Beginner	Intermediate	Intermediate	Advanced	All Levels
Description	Getting Started with Bioinformatics	Learn to explore, visualize, and analyze biomedical -omics data using R and Python.	Learn about bioinformatics for COVID monitoring and multi-omics data in infectious disease research.	Master bulk and Single Cell RNA-seq methods used in chronic disease research like cancer.	Work on an independent bioinformatics research project with big data and technical support.