








2020 LBRN Virtual Summer Program

(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

| Institution |  | | |  | |  |  | |
|--------------------|---|---|---|---|--|---|---|------------------------------|
| |  |  |  | | | | | |
| Program | Omics Logic Basics | Bioinformatics for Infectious Diseases | SARS-COV2: Genomic Data Analysis | Information Visualization | Computational -Aided Drug Discovery (CADD) of Anti-Viral Therapeutics for COVID-19 | Bacteriophage Investigations – in Silico Bacteriophage Annotation Project | Computer Aided Recognition (CAR) System | Quantum Dots Imaging Project |
| Length (months) | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 2 |
| Number of Students | 50 | 15 | 15 | 12 | 24 | 15 | 3 | 3 |
| Instructor | LBRN / PINE.BIO | LBRN / PINE.BIO | LBRN / PINE.BIO | Dr. Marjan Trutschl | Dr. Elahe Mahdavian | Dr. Ann Findley / Dr. Chris Gissendanner | Dr. Omer Soysal | Dr. Patrick Moyer |
| Certificate | Course Certificate | Program Certificate | Program Certificate | LBRN Certificate of Completion | | | | |
| | | | | Invitation to present at either the LBRN annual meeting or Annual Bioinformatics Conference | | | | |