



## LBRN/CCT Summer Bioinformatics Course

### Events

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LSU CCT in conjunction with LBRN is excited to announce registration for the upcoming [Louisiana Biomedical Research Network Summer Bioinformatics Program](#). The program will start June 6 and go through July-August of 2018, providing students and faculty access to online resources and practical experiences analyzing large biomedical datasets. Online materials will be reviewed in interactive sessions and on-site workshops that will provide an opportunity to discuss and practice studied topics and analysis methods. The program will review major types of Next Generation Sequencing data types and analysis methods (i.e. genomics, transcriptomics and metagenomics), applications to research, clinical questions, and machine learning concepts (supervised vs. unsupervised methods, dimension reduction, classification, feature selection, etc.).



**Goals:** By the end of this summer course, participants will be prepared to read and understand typical methods used in cutting edge research publications and learn to deal with complexities of data processing, analysis, and visualization. We will also discuss exciting applications for bioinformatics in basic and clinical research and discuss independent or group collaborative research projects that can be prepared in a short time.

**Cost:** The program is supported by [LBRN](#) in collaboration with [Pine Biotech](#) and is offered at no cost to a limited number of participants at supported non-Baton Rouge institutions. For LSU Baton Rouge, the [LSU Center for Computation & Technology \(CCT\)](#) will pay for a limited number of registrations at no cost to the participant. In addition, a few discounted registrations are available.

**Online Registration:** [Click here.](#)

**Tentative Schedule:**

06/25/2018: 10AM - 5:30 PM

06/26/2018: 10AM - 3:00 PM

For more details, reach out to Sahil Sethi ([sahil@pine.bio](mailto:sahil@pine.bio)), Ramesh Subramanian ([ramji@lsu.edu](mailto:ramji@lsu.edu)) and Nayong Kim ([nykim@cct.lsu.edu](mailto:nykim@cct.lsu.edu)).

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