

An Introduction to Next Generation Sequencing

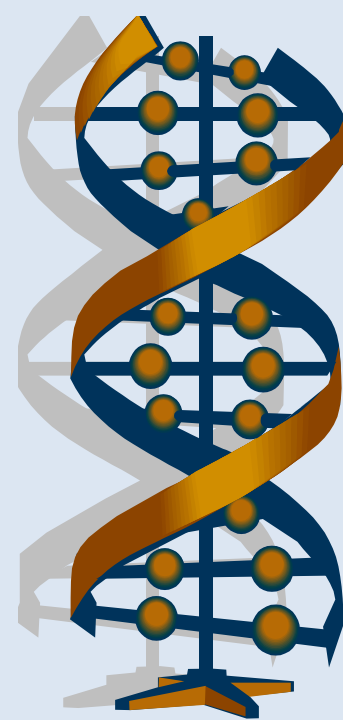
A HANDS ON WORKSHOP FOR STUDENTS, FACULTY AND RESEARCHERS AT MINORITY SERVING INSTITUTIONS

January 9 – 13, 2017

Deadline to apply and request travel support: December 9, 2016

Application deadline: December 15, 2016

Universidad Metropolitana
San Juan, Puerto Rico



Financial support in the form of lodging and transportation is available for this training to eligible participants through the National Institutes of Health Minority Access to Research Careers (MARC) grant: T36-GM-095335

The workshop will use a mixture of lectures and practical sessions to help participants select and use bioinformatics tools for analyzing Next Generation Sequencing (NGS) data.

No prior knowledge of NGS is necessary.

This workshop is ideal for those planning future NGS projects or for those having NGS data in need of analysis.

In this workshop, you will learn how to:

- Use the Galaxy web interface
- Assess the quality of NGS data
- Submit NGS data to NCBI repositories
- Assemble “de novo” a prokaryotic genome
- Annotate a prokaryotic genome
- Classify a microbiome dataset
- Use visualization tools to understand assemblies and features
- Gain access to free supercomputing resources for coursework, and research projects

For more information, or to apply, visit:
<http://biou.psc.edu/signup/>

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