

Interested in Spending Part of Your Spring Break 2022 Learning How to Sequence DNA?

Apply Now to Participate in a Free 2.5 Day Genomics
Workshop, March 21-23, 2022, on the campus of the
University of Arkansas for Medical Sciences

- Day 1** Attendees will work in groups to conduct Oxford Nanopore MinION flow cell sequencing on an organic sample. Lectures will cover “What is Biological Information and Where Does it Come From?”, “DNA, RNA, and Proteins”, and “History of the Human Genome Project”.
- Day 2** Attendees will learn basic methods for comparing, analyzing, and visualizing genomes followed by a lab where they will analyze the preliminary results of their Oxford Nanopore Flow Cells.
- Day 3** Attendees will complete the analysis of their sequenced data and receive instruction on how to present their results. Day 3 will conclude by noon with team presentations, open discussion and evaluation, and awarding of certificates of completion.
- Other Info** Breakfast, Lunch, and course materials will be provided each day of the workshop. Attendees should bring a laptop with RStudio (free, open source software) installed. For those workshop attendees needing a place to stay, hotel accommodations along with free shuttle service to UAMS will be provided by Four Points by Sheraton Little Rock Midtown. All other travel expenses will need to be covered by attendees.

20 In Person Participants Limit. Virtual Attendance Option is Available.
Apply at <https://www.surveymonkey.com/r/PFTGL77>



DONAGHEY COLLEGE OF SCIENCE,
TECHNOLOGY, ENGINEERING,
AND MATHEMATICS



ArC-GEM
ARKANSAS CENTER FOR GENOMIC EPIDEMIOLOGY & MEDICINE



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