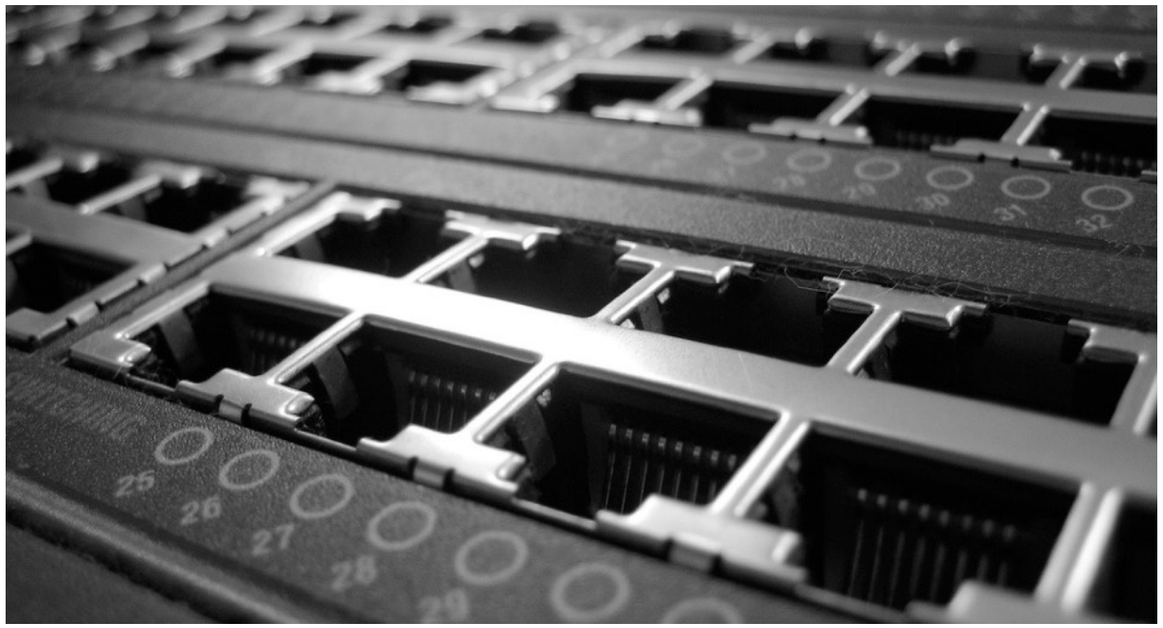


Current Topics in Bioinformatics

presented by the

Harvard Chan Bioinformatics Core

Workshop materials:

https://hbctraining.github.io/Training-modules/

HBC training team: hbctraining@hsph.harvard.edu

HBC consulting: bioinformatics@hsph.harvard.edu

HARVARD MEDICAL SCHOOL

DF/HCC
DANA-FARBER / HARVARD CANCER CENTER

HARVARD T.H. CHAN SCHOOL OF PUBLIC HEALTH

Training

- **Basic Data Skills**
  - Introduction to **command line** (Unix) and **high-performance computing**
  - Introduction to **R**
- **Advanced Analyses of NGS Data**
  - Bulk RNA-seq
  - Single-cell RNA-seq
  - Chromatin biology (ChIP-seq/ATAC-seq)
- Monthly, short workshops on various bioinformatics topics

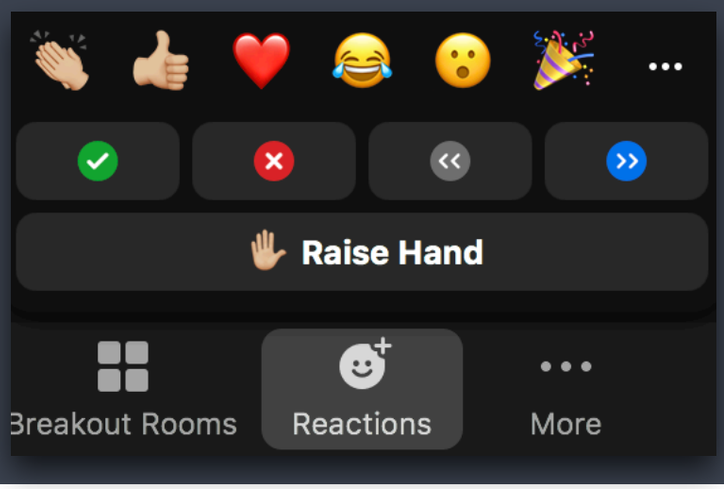
Consulting

- **Transcriptomics:** RNA-seq, small RNA-seq, scRNA-Seq
- **Epigenetics:** ChIP-seq, genome-wide methylation, ATAC-Seq
- **DNA Variation:** WGS, resequencing, exome-seq and CNV studies
- **Functional enrichment** analysis
- **Exp. design help** & **grant support**

http://bioinformatics.sph.harvard.edu/

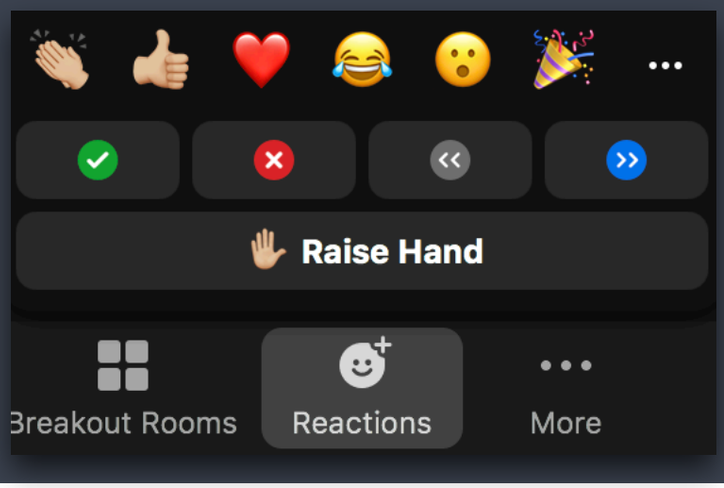
Odds and Ends (1/2)

- Quit/minimize all applications that are not required for class
- Captioning is available upon request
- Are you all set?
  -  = "agree", "I'm all set" (equivalent to a green post-it)
  -  = "disagree", "I need help" (equivalent to a red post-it)



Odds and Ends (2/2)

- Questions for the presenter?
  - Post the question in the Chat window OR
  - ✋ **Raise Hand** when the presenter asks for questions
  - Let the **Moderator** know



Upcoming HBC workshop & events

Topic and Link(s) to lessons	Prerequisites	Date	Registration
Publication Perfect: Part II	Publication Perfect: Part I	10/18/2023	Sign up!
Rmarkdown	R Basics or Online R course - Harvard Catalyst	11/15/2023	Sign up!

https://bioinformatics.sph.harvard.edu/current-bioinformatics-topics-workshops

Exit Survey

http://tinyurl.com/hbc-modules