



# Current Topics in Bioinformatics

presented by the

Harvard Chan Bioinformatics Core

*Workshop materials:*

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

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## Training

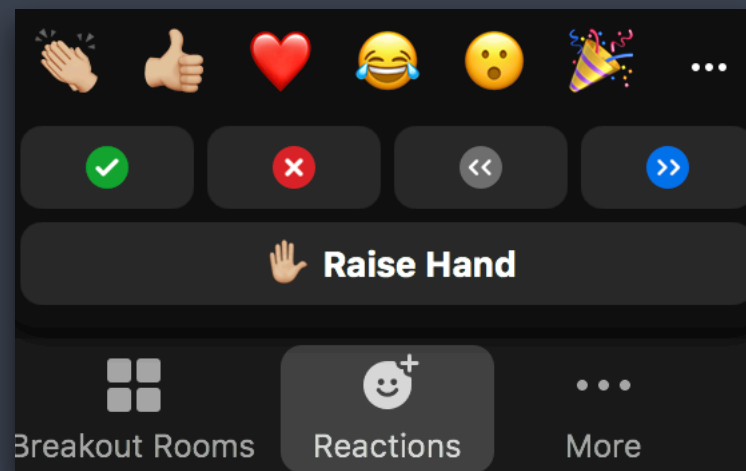
- **Basic Data Skills**
  - Introduction to **command line** (Unix) and **high-performance computing**
  - Introduction to **R**
- **Advanced Analyses of NGS Data**
  - Bulk RNA-seq
  - Single-cell RNA-seq
  - Chromatin biology (ChIP-seq/ATAC-seq)
- Monthly, short workshops on various bioinformatics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

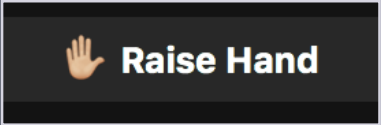
# Odds and Ends (1/2)

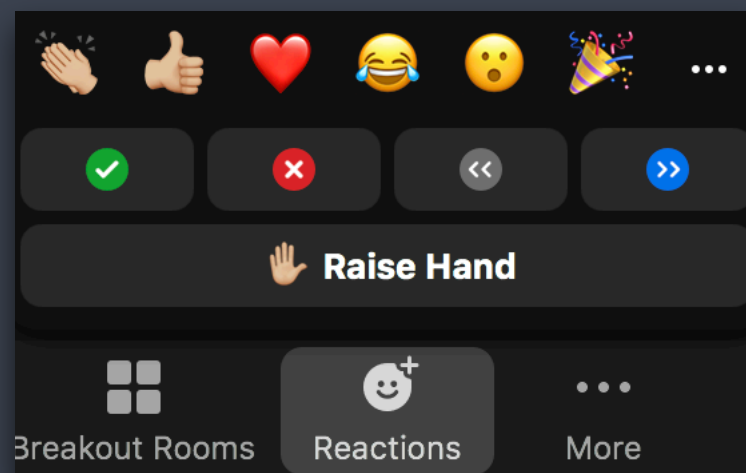
- ❖ Quit/minimize all applications that are not required for class
- ❖ Captioning is available upon request
- ❖ Are you all set?
  - ▶  = "agree", "I'm all set" (equivalent to a **green post-it**)
  - ▶  = "disagree", "I need help" (equivalent to a **red post-it**)



# Odds and Ends (2/2)

## ❖ Questions for the presenter?

- Post the question in the Chat window OR
-  when the presenter asks for questions
- Let the Moderator know



# Upcoming HBC workshop & events

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

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

# Exit Survey

<http://tinyurl.com/hbc-modules>