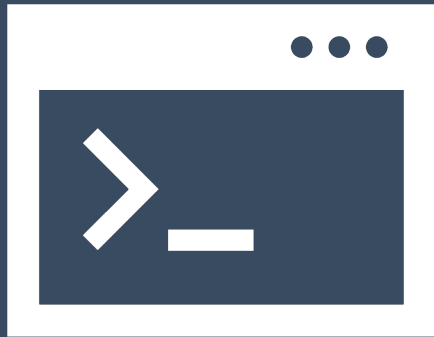


# Current Topics in Bioinformatics

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



Harvard Chan Bioinformatics Core

*HBC training team: [hbctraining@hsph.harvard.edu](mailto:hbctraining@hsph.harvard.edu)  
HBC consulting: [bioinformatics@hsph.harvard.edu](mailto:bioinformatics@hsph.harvard.edu)*



## Training

### ❖ Basic Data Skills

- ❖ Shell
- ❖ R

### ❖ Advanced Topics: Analysis of high-throughput sequencing data

- ❖ Chromatin Biology
- ❖ Bulk RNA-seq
- ❖ Differential Gene Expression
- ❖ scRNA-seq
- ❖ Variant Calling

### ❖ Current Topics in Bioinformatics

## Consulting

- ❖ **Transcriptomics:** RNA-seq, small RNA-seq, scRNA-seq
- ❖ **Epigenetics:** ChIP-seq, genome wide methylation, ATAC-seq
- ❖ **DNA Variation:** WGS, resequencing, exome-seq, CNV studies
- ❖ **Functional enrichment analysis**
- ❖ **Experimental design help**
- ❖ **Grant support**

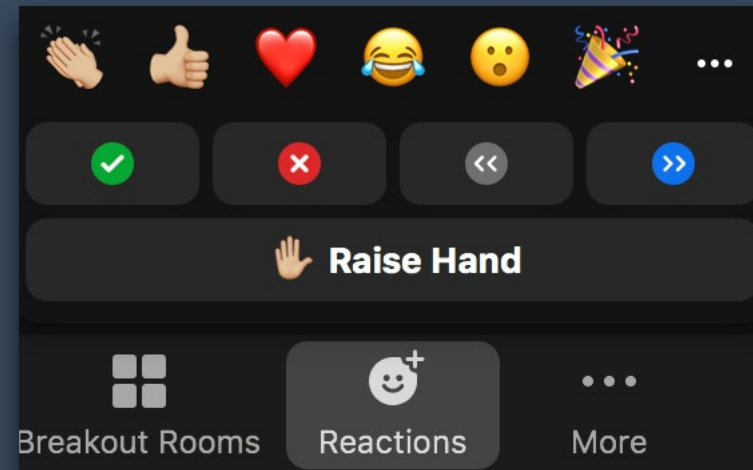
# Odds & Ends

❖ Quit/minimize all applications that are not required for class

❖ Are you all set?

❖  = "agree", "I'm all set"

❖  = "disagree", "I need help"



# Odds & Ends

## ❖ Questions for the presenter?

- ❖ Post the question in the Chat window OR

- ❖  when the presenter asks for questions

- ❖ Let the Moderator know

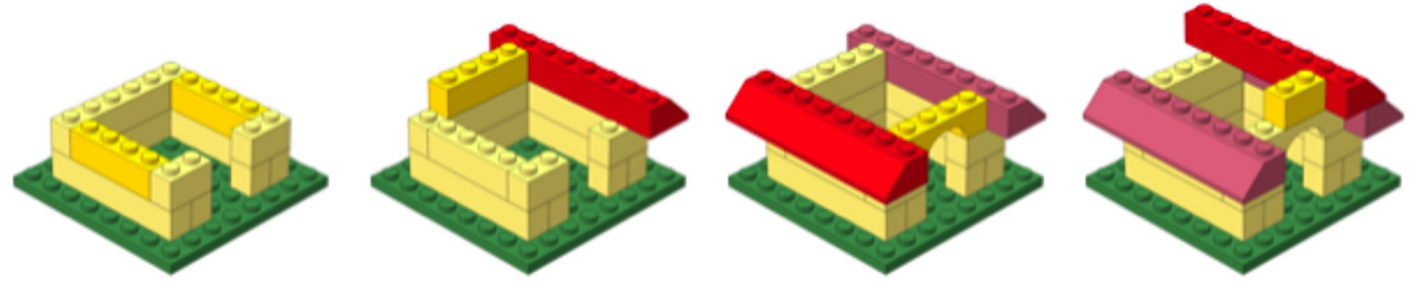
## ❖ Technical difficulties with software?

- ❖ Start a private chat with the Troubleshooter with a description of the problem

# Exit survey

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

# Keep building!



Topic	Pre-requisites	Date/Time	Time	Registration
Publication Perfect II	<a href="#">R basics</a>	8/21/24	1 – 4pm	Coming soon!
RShiny	<a href="#">R basics</a>	9/18/24	1 – 4pm	Coming soon!

# Join us for HBC Community Breakfast!

- ❖ An opportunity to get to know others in the community
- ❖ Free food and beverages
- ❖ Great conversations



**Thursday September 5<sup>th</sup>, 2024  
9:00 to 10:30am**

**More Info:**

<http://bioinformatics.sph.harvard.edu/breakfast/>