

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
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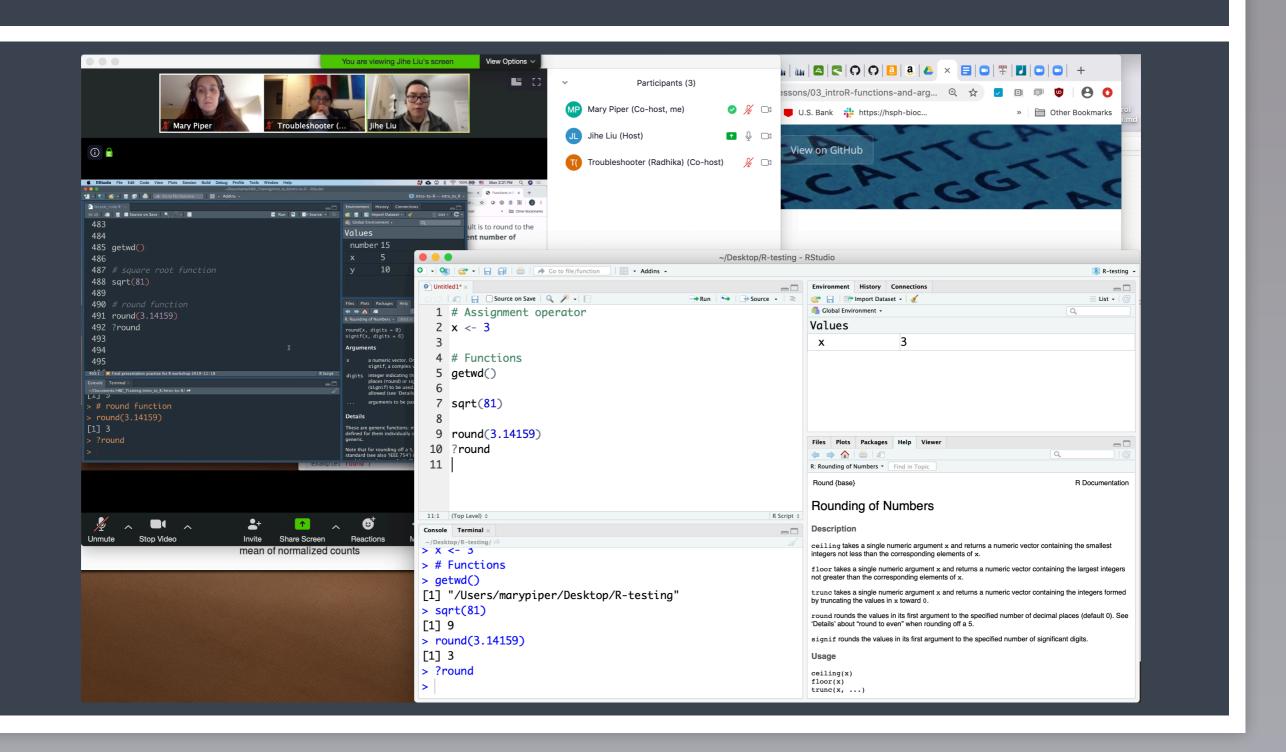
Training

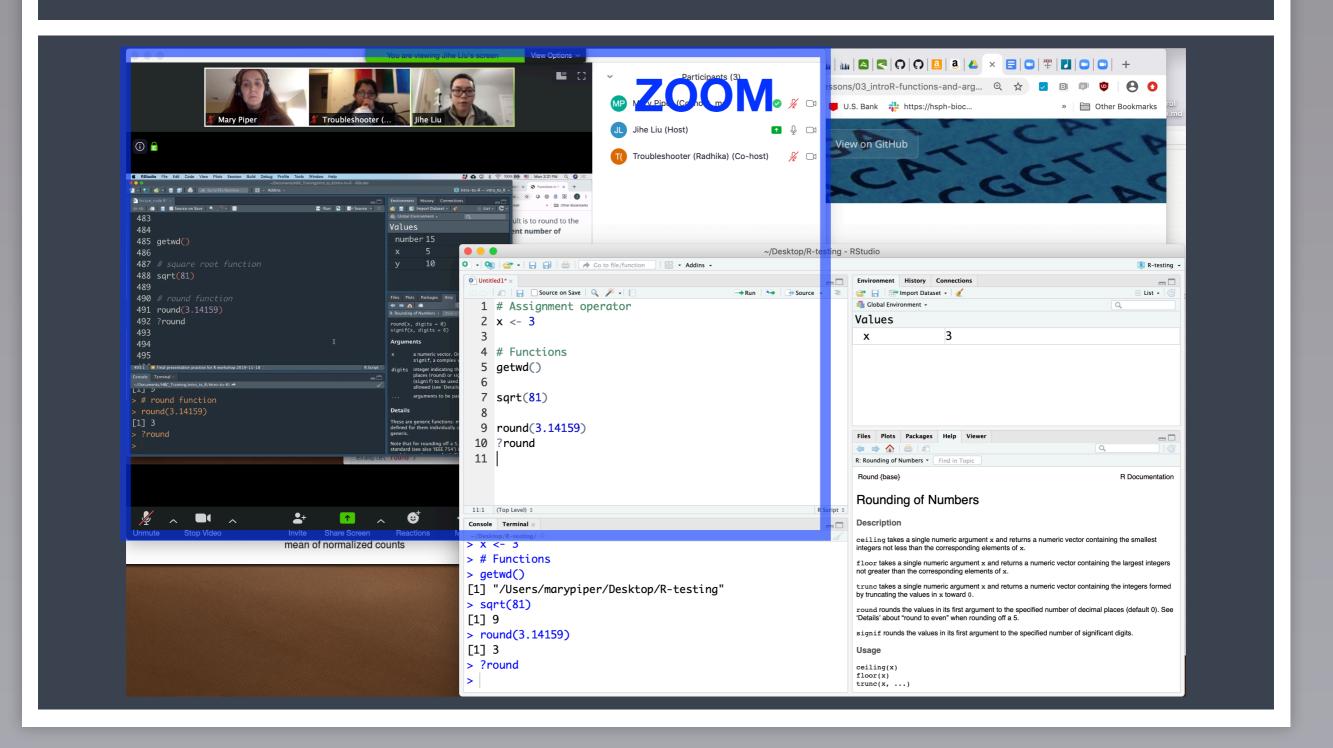
- Basic Data Skills
 - Introduction to command line (Unix) and high-performance computing
 - Introduction to R
- Advanced Analyses of NGS Data
 - Bulk RNA-seq
 - Single-cell RNA-seq
 - ChIP-seq
- Monthly, short workshops on various bioinformatics topics

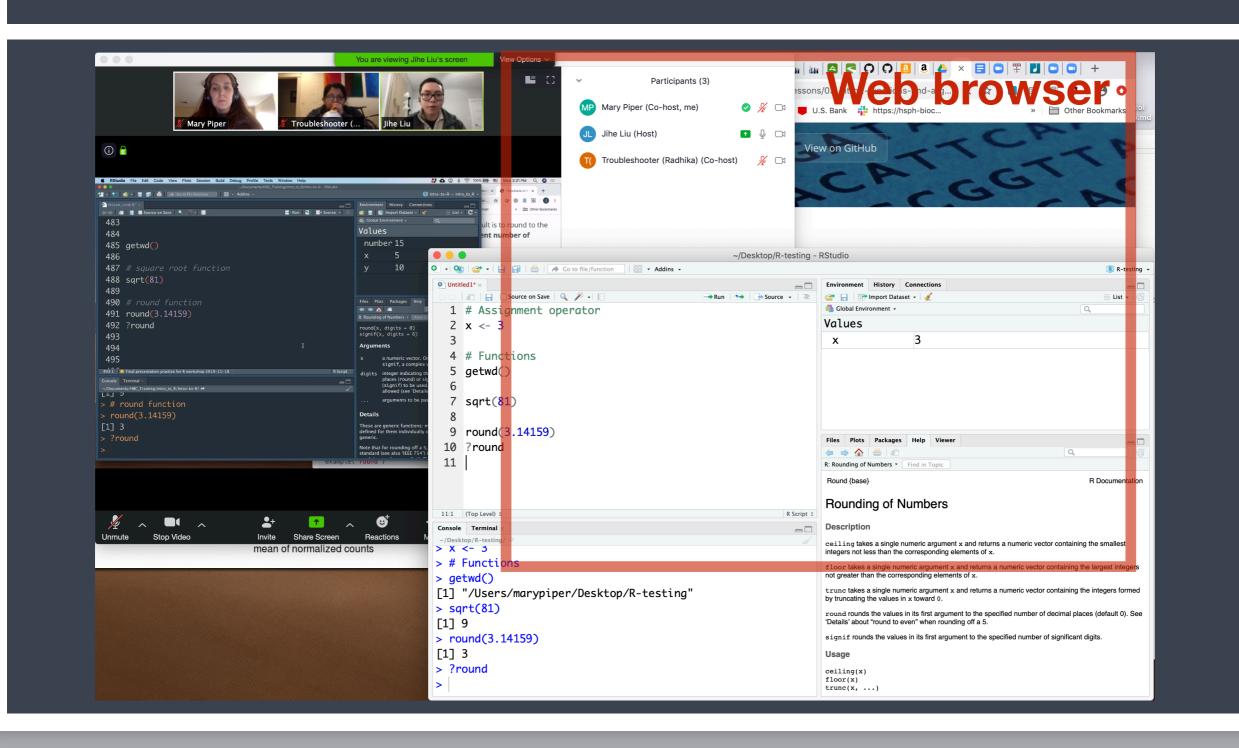
Consulting

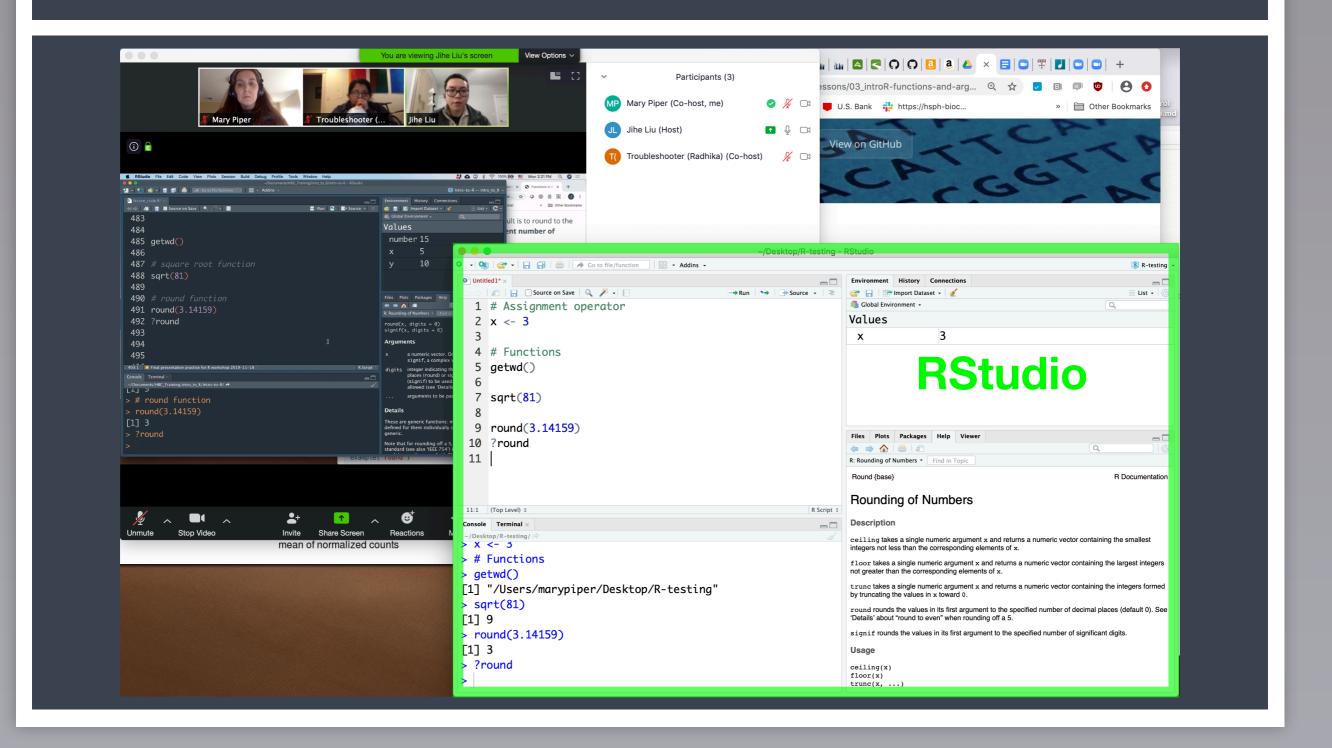
- Transcriptomics: RNA-seq, small RNA-seq, scRNA-Seq
- **Epigenetics:** ChIP-seq, genome-wide methylation, ATAC-Seq
- DNA Variation: WGS, resequencing, exome-seq and CNV studies
- Functional enrichment analysis
- Exp. design help & grant support

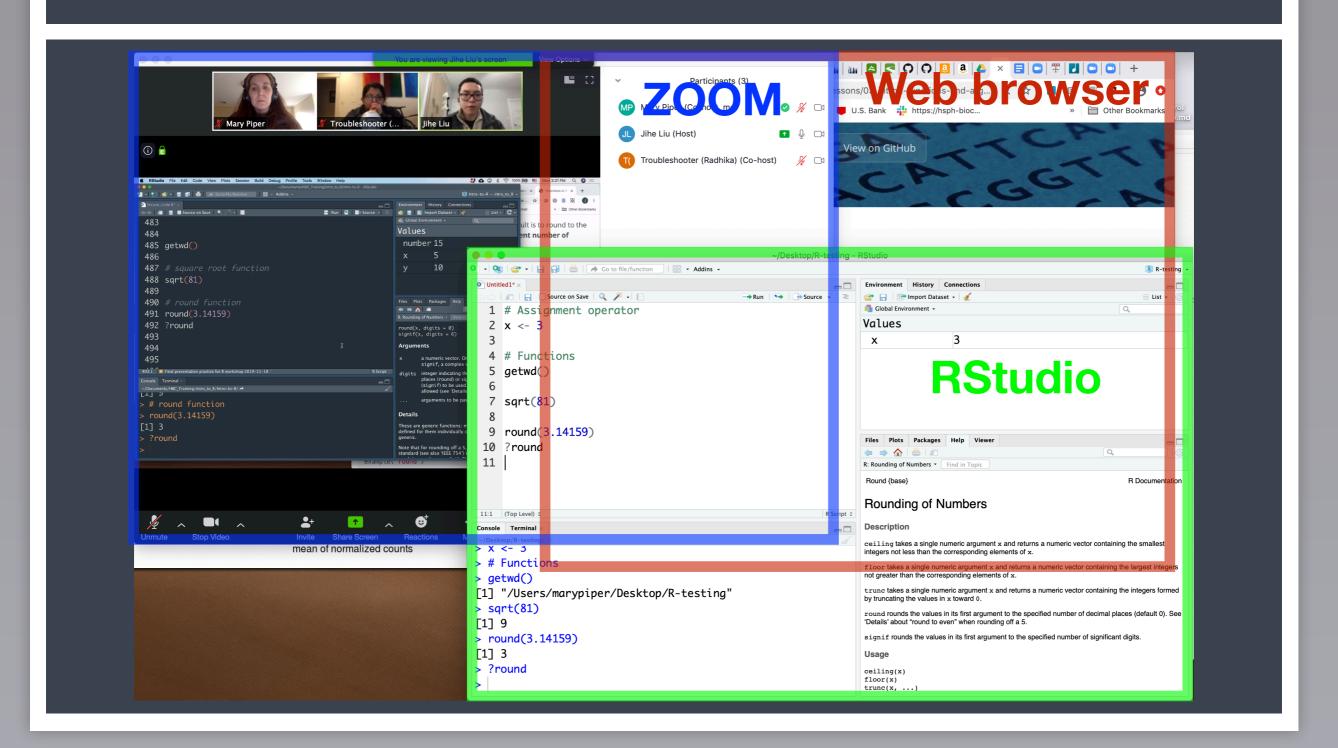
http://bioinformatics.sph.harvard.edu/





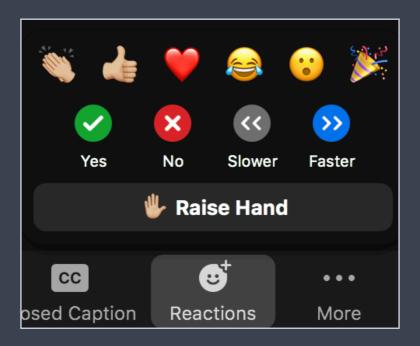






Odds and Ends

- Quit/minimize all applications that are not required for class
- Are you all set?
 - = "agree", "I'm all set" (equivalent to a green post-ii)
 - Type "X" in chat = "disagree", "I'm not ready" (equivalent to a red post-it)



Odds and Ends

- Questions for the presenter?
 - Post in the chat window to Moderator
- Technical difficulties?
 - Open the chat window and start a <u>private</u> chat with the *Troubleshooter* with a description of the problem.

Upcoming HBC workshop & events

Upcoming workshops:

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