## Materials

## **Opening Tutorials:**

Emphasize basic and advanced computing concepts in R

- 1. Basic computing I
- 2. Basic computing II
- 3. Advanced computing

## **Tutorials:**

Emphasize general challenges in biological data science

- 4. Data visualization
- 5. Defensive Programming
- 6. Statistics for a data-rich world

## Workshops:

Expand upon and apply techniques and ideas from the tutorials in the context of specific disciplinary challenge areas

- 7. RNAseq Workshop
- 8. Population Genetics Workshop
- 9. Movement Analysis Workshop