

## **Introduction to Quantitative Genetics (Module 9)**

**All lectures are prerecorded and posted with notes on the SISG website  
All times are Pacific Daylight Time (PDT)**

### **Zoom link for all class discussions**

<https://arizona.zoom.us/j/96769587674>

**Zoom link for open class meeting (open zoom forum for students to chat amongst themselves) M-F; 5 to 8pm PDT**

<https://arizona.zoom.us/j/99379067551>

**The above two zoom links are also posted on the SISG website**

### **20 July: Morning:**

1) **Quantitative Genetics overview** (Bruce) 45 minutes

2) **Resemblance Between relatives, Heritability** (Bruce) 66 minutes

10:00-11:30 (PDT) **Zoom discussion**/reviews/breakouts  
Structure: 5 minute breaks every 20-25 minutes

### **20 July: Afternoon**

3) **Inbreeding and cross breeding** (Bruce) 56 minutes

1:00-2:30 (PDT) **Zoom discussion**/reviews/breakouts  
SS

5:00-8:00 (PDT) **Open Zoom for students** to have general discussion amongst themselves (different link, see above) from class zoom discussion)

### **21 July: Morning**

4.1) **Artificial Selection -1** (Bruce) 31 minutes

4.2) **Artificial Selection -2** (Bruce) 17 minutes + bonus 11 minutes (if interested)

5) **Correlated Characters** (Bruce)

10:00-11:30 (PDT) **Zoom discussion**/reviews/breakouts

### **21 July: Afternoon**

6) **Estimation** (Guilherme)

1:00-2:30 (PDT) **Zoom discussion**/reviews/breakouts

5:00-8:00 (PDT) **Open Zoom for students** to have general discussion amongst themselves (different link, see above) from class zoom discussion)

**22 July : Morning:**

7) **QTL/Association mapping** (Guilherme)

9:30- 11:00 (PDT) **Zoom discussion**/reviews/breakouts

5:00-8:00 (PDT) **Open Zoom for students** to have general discussion amongst themselves (different link, see above) from class zoom discussion)