Day 1: Introduction to Linux

Date: October 25th, 2017, 9 am – 12:30 pm
Instructors: Jessica Holmes (HPCBio), Jenny Drnevich (HPCBio)
Location: 607 IGB

Class Materials:

Plan A:
- Presentation: Linux-Oct2017.pptx

Plan B:
- Presentation: Linux-Oct2017-planB.pptx
- Practice files: unix_exercise.zip

Additional files:
- Class Video: HERE
- Linux cheat sheet: LinuxCheatSheet-v2.xlsx
- Appendix: Linux_appendix.docx
- Exercise 3: exercise3-blank.pptx
- Exercise 3 answers: exercise3-answers.pptx

- Self-guided tutorials for Linux beginners
  - Tutorial from the book UNIX and Perl to the RESCUE!
  - Parts 1 and 2 cover UNIX
  - http://korflab.ucdavis.edu/Unix_and_Perl/current.html#part2
  - SIB tutorial
    - If it asks you to log in, just log in as a "guest user"
    - Click on "UNIX elearning module" at the bottom to get started

- Linux Terminal Software
  - Windows users:
    - MobaXterm: http://mobaxterm.mobatek.net/
    - PuTTY: http://www.putty.org/
  - Macintosh users:
    - You can use the pre-installed program "Terminal" by going to Applications -> Utilities -> Terminal.
Day 2: HPC on Biocluster

**Date:** October 27th, 2017, 9 am – 12:30 pm

**Instructors:** David Slater (CNRG), Jessica Holmes (HPCBio), Jenny Drnevich (HPCBio)

**Location:** 607 IGB

### Class Materials:

- **Biocluster presentation:** [Fall_Workshop_2017_IntroToBiocluster.pptx](#)
- **FASTQC presentation (optional):** [FASTQC-Oct2017.pptx](#)
- **Class Video:** [HERE](#)

### Biocluster2 Resources

- Biocluster2 help page
- Campus cluster help page
- How to obtain a Biocluster2 account
- SLURM job script generator