HPC Training and Consulting

- Training
  - Technical support
  - Training
    - Weekly tutorials on selected topic
    - Graduate Student Forums
      - Bootcamps – getting started
      - One-One help
    - Meetup groups
  - Online materials

- Consulting
  - Software development
  - Performance optimization
  - Data management
Possible HPC Model – Statistics/Bioinformatics Lab

Service/Consulting Arm

- Graybill Statistics Lab
  - Existing successful structure can be expanded.
  - Provides a framework for growth.

- Current director is retiring
  - Opportunity for change in leadership and expansion of scope.

- Combination of institutional support, a fee-for-service model, and collaborative science.
  - User fees for services with deliverables (e.g. full service data analysis)
  - Consulting/education continue to freely accessible.

- Physical space provided by CNS and administrative support provided by Department of Statistics.

- Director (TBD)
- Special Faculty Appointment
  - Bioinformatics Focus

- Statistics Consultants:
  - Phil Turk, Ph.D.
  - Ann Hess, Ph.D.
  - TBD, Ph.D.

- Bioinformatics Analyst(s) (TBD)
- GTAs
- Regional Resources
  - UCD/CCTSI
- GTAs
Questions to consider:

• Relative importance of training/consulting to HPC

• What training/services are necessary

• How would fee for service be structured
  ▲ Proposals
  ▲ Contracts

• Staffing needs
  ▲ GTA’s an option