2022 HPC Summer Program Overview

April 28, 2022 - online orientation session where we’ll introduce students to projects and give them resources for preparing for the program.

Week 1
- Introduce students and project supporters and anyone else involved in the program
- Choosing Projects
  - 1-2 days revisiting project descriptions and choosing projects.
- Get students any necessary accounts/accesses.
- Begin any necessary initial training. This may be project-dependent or more general.

Week 2
- Students work through initial training.
- By end of week, should begin really diving into projects.

Weeks 3-7 or 8
A typical day during these weeks:
- Mornings - students work on projects and project supporters are available in person to help out.
- Lunch break (1 hour)
- Afternoons - students continue work on projects. Project supporters may be present, but it is not required.
- 3 events per week outside of project work times (most likely during the afternoon session)
  1. Technical - 1 hour long seminar where experts in participating organizations present research problems, talk about their careers and experiences in government, ACS data center tour, etc.
  2. Career - Visits by NSA development program members or leaders, Employee Resource Groups, Human Resources/Recruiting.
  3. Social/Educational - Field trip or hands on tour. Possible tours include, but are not limited to: Lab for Physical Science-College Park labs, National Cryptologic Museum, hike/picnic at Patapsco State Park, board games, trip to a Smithsonian museum, meet and greet with NSA employees directly working in High Performance Computing.
Weeks 8-9
- Same general schedule to weeks 3-7, but students are focusing more on documentation and preparing presentations.
- Last half of week 9 - student presentations, finishing up documentation and any other odds and ends.
- Either Thursday or Friday of week 9 will include a luncheon or something similar to conclude student presentations.
- HR/recruiting organization providing on-site help for interns starting the job application process.