Computing information

- **Email:** ucsc.edu & soe.ucsc.edu
  - Recommend forward ucsc.edu to soe.ucsc.edu
  - Webmail: webmail.soe.ucsc.edu; cruzmail.ucsc.edu. Cruzmail will switch to Gmail base in November. SOE mail will not for now.
  - SOE recommended mail program: Thunderbird using IMAP
    - http://support.soe.ucsc.edu/e-mail/thunderbird
    - Server (in and out/SMTP) : zimbra.soe.ucsc.edu
    - Using security : SSL (ports 993 in, 465 out)
  - Mailing lists: amsgrads@soe.ucsc.edu -- good information (fellowships, deadline reminders, etc). Read it!

- **Useful webpages:**
  - [http://www.ams.ucsc.edu](http://www.ams.ucsc.edu)
  - [http://www.soe.ucsc.edu/advising/graduate/new-grads](http://www.soe.ucsc.edu/advising/graduate/new-grads)
  - [http://www.soe.ucsc.edu/advising/graduate](http://www.soe.ucsc.edu/advising/graduate)
  - [http://my.ucsc.edu](http://my.ucsc.edu)
  - [http://ecommons.ucsc.edu](http://ecommons.ucsc.edu)
  - [http://support.soe.ucsc.edu](http://support.soe.ucsc.edu)

- **Desktop computers:**
  - If there is a computer on your desk, it is probably a piece of garbage. It may work, but is likely very slow, works best as a paperweight, but maybe can be used to connect to other faster SOE machines. We are trying to fix this problem.
  - Get working with a member of the faculty and get them to buy you a decent machine!
  - Use your laptop if you have one with wireless
    - cruznet
    - cruznetsecure
    - soe-nat
  - Instructions:
    - [http://support.soe.ucsc.edu/soe-wpa](http://support.soe.ucsc.edu/soe-wpa)
    - [http://its.ucsc.edu/wireless/](http://its.ucsc.edu/wireless/)
  - You can attach your laptop to the Ethernet in the wall upon activation of the jack activated [request via your advisor]
  - There is an SOE computer lab on the 3rd floor (BE 316) that have better machines (Macs and Windows) that you have access to.

- **Other computing:**
  - We have an AMS cluster – grape.cse.ucsc.edu – which is actually 13 eight-core machines for you to compute on (104 cores)
  - Rocks clusters (related to RedHat Linux).
    - Campusrocks.soe.ucsc.edu
- Soecluster.soe.ucsc.edu
- Information
  - [http://support.soe.ucsc.edu/craigslist](http://support.soe.ucsc.edu/craigslist)
  - Other servers
    - *dance.soe.ucsc.edu
    - Information:
      - [http://support.soe.ucsc.edu/servers](http://support.soe.ucsc.edu/servers)
  - Free MicroSoft OS and other software (not Office) through the School.
  - Grad student storage: 1Gbyte including email. Can be extended.
  - Help is available on all SOE computing services from the help desk BE 311, tel 9-3544, or by email from [ithelp@ucsc.edu](mailto:ithelp@ucsc.edu)

- Access from off campus:
  - VPN: Access to libraries etc
    - [https://vpn.soe.ucsc.edu/](https://vpn.soe.ucsc.edu/)
    - Beware: this is a FULL (not split) tunnel; transmits ALL your traffic through SOE.
  - Use Remote Desktop for access to Windows machines
    - [http://support.soe.ucsc.edu/remote-desktop](http://support.soe.ucsc.edu/remote-desktop)

- Printers:
  - [http://support.soe.ucsc.edu/printing](http://support.soe.ucsc.edu/printing)
  - SOE supported: luck
  - AMS: ink (137), ort (142)

- Software:
  - Matlab
  - R
  - IDL

- Other stuff:
  - [http://courses.soe.ucsc.edu/](http://courses.soe.ucsc.edu/)
  - [http://library.ucsc.edu](http://library.ucsc.edu)