Clinical Shadow Program

Methods in Medical Image Analysis - Spring 2020
16-725 (CMU RI) : BioE 2630 (Pitt)
Dr. John Galeotti

Pick at most one per day
If you’re already signed in, clicking a “SIGN UP” button leads to this:

I suggest unchecking these boxes

Don’t forget to Save

I suggest logging into Signup.com before the signup opens, or else you will be delayed with this instead:
Schedule: Signing Up

- Signup once for each of the 6 stations.
- You may only signup for 1 station per day.
  - You will sign up to shadow on exactly 6 different days
- Up to 3 students can simultaneously visit each station on a given day.
  - Exception: Musculoskeletal can only accept 2 students per day and no students on Wednesday.
  - I suggest signing up for musculoskeletal first, since they have the fewest slots available
- If the radiologists' schedules suddenly do not comply, then we may have to notify you (with 1 week notice, if possible) that you need to reschedule for a given station.
  - This doesn't usually happen
- Open signup when? Wed. at 5pm or 9pm? Or Thrs.?

Schedule: 8:30 AM

- You must be present from **8:30 - 9:30 AM**.
  - You should arrive early (8:00 am) and be prepared to wait.
- The radiologists are doing us a big favor by allowing us to come watch them.
  - They have real patients, and chaotic schedules.
  - Some of them will probably have to keep you waiting, but you should never keep them waiting.
  - Some of them may have to leave on a moment's notice as well.
  - Usually, you will be able to remain in the reading room (under someone else's "supervision" until 9:30 though).
- Hopefully the attending will start the readout with the residents sometime between 8:30 - 9:00am
  - If you miss the readout, just mention in your report that the readout never happened between 8:30 - 9:30.
Interacting with the clinicians:
Be prepared in advance

- Have a set of questions to ask — feel free to be creative
- Sample questions are included at the bottom of the directions document—I suggest bringing it with you
- Pay close attention if the clinicians debate a patient’s diagnosis or condition.
- Come up with new questions based on what you are observing.

DON’T MESS UP

It is very important that you do not make the clinicians regret letting you come:
- Dress and act appropriately for a professional clinical environment
  - Patients might think you are a doctor — don’t make the patient’s feel uncomfortable or distrust UPMC.
- Make sure you have a signed UPMC confidentiality agreement with you.
- If you are sick and contagious, you should not go
  - Keep the clinicians healthy
  - Please notify your instructor as soon as possible to reschedule without any penalty.
DON’T MESS UP (continued)

- The first time you miss a station for which you are scheduled (without good reason), you may contact your instructor to reschedule for 50% credit for that station.
- If you do not show up a second time, you will be removed from the Shadow Program, get a 0 for all subsequent stations, and your instructor will be very unhappy with you.

Follow-up assignment (once for each station)

After visiting each station, create a report in your svn repository: `shadow/station_name.txt`, e.g.:

```
mimia/jgaleott/shadow/ultrasound.txt
```

Include the following information:
- Your name
- The date of your visit
- Which station you visited
- Your short report (≥ 100 words) about your visit:
  - What did you learn?
  - What role you see (either at present, or that you could see in the future) for computer analysis, visualization, or robotics/engineering in this branch of radiology?

Don’t forget to add and commit your shadow report!