

# Clinical Shadow Program

Methods in Medical Image Analysis - Spring 2018  
 16-725 (CMU RI) : BioE 2630 (Pitt)  
 Dr. John Galeotti



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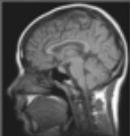


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**MIMIA Shadow Program**

Tue Feb 27, 2018 - Fri Apr 6, 2018

Please sign up to visit each station exactly 1 time this semester. Be sure to not sign up for 2 stations on the same day. I suggest signing up for Musculoskeletal first, and always unchecking the boxes for email list advertisements. You will need to bring a copy of your signed HIPAA Confidentiality form, and follow all instructions separately provided. Dress and act appropriately for the professional clinical environment you will be shadowing in, and come prepared with a few questions ready.

**Find Spots By Date**

Feb 27, 2018  Hide Full Spots

▼ Tue Feb 27, 2018 0 of 17 Filled

| SPOT  | TIME            | FILLED | PARTICIPANTS |  |
|---|-----------------|--------|--------------|--|
| ▶ Body CT<br><small>You should arrive early and b...</small>                      | 8:30am - 9:30am | 0 of 3 | 0/0          | <input type="button" value="SIGN UP"/> |
| ▶ Musculoskeletal (Bone Group)<br><small>You should arrive early and b...</small> | 8:30am - 9:30am | 0 of 2 | 0/0          | <input type="button" value="SIGN UP"/> |
| ▶ Neuroradiology<br><small>You should arrive early and b...</small>               | 8:30am - 9:30am | 0 of 3 | 0/0          | <input type="button" value="SIGN UP"/> |
| ▶ Nuclear Medicine<br><small>You should arrive early and b...</small>             | 8:30am - 9:30am | 0 of 3 | 0/0          | <input type="button" value="SIGN UP"/> |
| ▶ Thoracic Imaging<br><small>You should arrive early and b...</small>             | 8:30am - 9:30am | 0 of 3 | 0/0          | <input type="button" value="SIGN UP"/> |
| ▶ Ultrasound<br><small>You should arrive early and b...</small>                   | 8:30am - 9:30am | 0 of 3 | 0/0          | <input type="button" value="SIGN UP"/> |

▼ Wed Feb 28, 2018 0 of 15 Filled

| SPOT | TIME | FILLED | PARTICIPANTS |
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1

## 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

## 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, send an email to your TA and your instructor with the following information:

- Your name
- The date of your visit
- Which station you visited
- Your short report ( $\geq 100$  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?