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Introduction

Each MSTP student is assigned an MSTP Career Advisor throughout their MD and Ph.D. training. The MSTP Career Advisor follows the student's progress and plans and advises them relative to their development as physician scientists.

MSTP students are required to meet biannually with MSTP career advisor (all students are assigned an academic/professional career advisor at the start of our program). The MSTP has a specific Individual Development Plan (IDP) form to be completed and discussed along with an updated biosketch with the Career advisor.

Our MSTP students have generally completed their graduate studies in 4 years or less while remaining highly productive. During the 3rd/4th year, many of our students have invited their MSTP Career Advisor to attend thesis committee meetings as nonvoting members to optimize their planning for clinical re-entry. For students in a graduate project extending into a 5th year, they are required to invite their Career Advisor or an MSTP Director to thesis committee meetings as an ex officio, non-voting member beginning late in the G4 year. Any student whose graduate work extends into the 6th year must receive MSTP Promotion Committee permission to remain a member of our MSTP.

Career Advisor Program

The mission of University of Pittsburgh/Carnegie Mellon University is to produce well-rounded, outstanding physician-scientists. Our program spans 22 graduate programs across 7 schools with different requirements. Our Career Advisor program is designed to provide each student with an additional mentor, apart from their thesis advisor, to guide them through the MSTP years, including medical school and graduate school years. The Career Advisor should be familiar with the MSTP requirements as well as the graduate program requirements for the advisees assigned to him or her. All MSTP Career Advisors must complete Implicit bias training.

A Career Advisor is assigned to each matriculating MSTP student prior to their arrival, based on the research experience and programmatic interest of the student. The Career Advisor serves as an additional longitudinal mentor and an advocate for the student, separate from their research mentor, throughout **both the medical school and graduate** years of the MSTP. Associate Director Flynn assigns each new student their Career Advisor based on matching research interests and following consultation with MSTP and graduate program leadership.

Dr. Flynn meets one-on-one with new Career Advisors to introduce the concepts of the Career Advisor Program, as well as the expectations for Advisor and students.

Career Advisor Role and Requirements

- Meet with students semiannually to assess progress and plans
- Review and advise on the students' biosketch and Individualized Development Plan (IDP)
- All mentors receive the name and contact information of their MSTP trainee's Career Advisor. Career Advisors can reach out to mentor with questions or to assess a student's progress.
- Review information in AMPUP, which includes notes on previous Career advisor meetings, mentor evaluations, program evaluations, promotion letters (see below for access information).
- If a student requires more than 4 years in graduate school, the Career Advisor (or a MSTP Director) joins the thesis committee as a nonvoting member to support a reasonable timeline for graduation. Career advisors can do this prior to G4 year if requested by the student.

Career Advisor Meetings

- Meetings begin at pre-matriculation (remotely) followed by semi-annual face-face meetings
- In advance of meetings, students provide their Career Advisor with an updated NIH Biosketch and Individualized Development Plan to facilitate discussion. IDP and biosketch can also be found on the MSTP site (see below for access information).
- Career Advisors discuss all aspects of the student's progress, and projected plans for coursework, choosing a rotation or thesis lab, time management, and progress toward research aims, publications, and meeting presentations.
- Keep track of progress relative to MSTP and training milestones
- Keep track of student lab presentation on rigor and that rigor and reproducibility are addressed in the laboratory environment
- May involve confidential discussion of the laboratory as a supportive environment, mentorstudent relationship, lab dynamics, and personal concerns.

Communication of Meeting Outcomes

• The Career Advisor posts online notes (except for confidential discussions) in AMPUP (see below for access information), which are available to the Directors and Associate Directors.

Note: The thesis mentor does not have access to these notes

• Career advisors should reach out to the Directors or Associate Directors with any concerns about an advisee.

Change in the student's Career Advisor

- Should the Career Advisor pairing become misaligned with a student's evolving area of passion or the relationship is not productive, Dr. Flynn works with the student to identify a new Advisor.
- After the PhD defense and return to medical school, some students wish to transition to or add on a more clinically oriented Career Advisor. This can be a replacement, arranged with the MSTP, or a hybrid in which a clinical faculty member joins the advising team

The Career Advisor/Program Director meeting with MSTP administration

- Held on a semi-annual or annual basis
- Goal is to share information on salient training issues and best practices and to learn about new and ongoing MSTP requirements and opportunities
- Best practices shared in the context of discussion of hypothetical cases

Other resources to know about

- In addition to the MSTP Career Advisor, all students have an Advisory Dean, Eliana Bonifacino MD, who guides MSTP students relative to medical school requirements and reentry, clinical scheduling and the residency application process, and who works with Dr. Steinman on the student's Dean's letter to residencies.
- The Office for the Learning Environment at the School of Medicine. The Associate (Evelyn Reis MD) and Assistant (Wendy Mars PhD) Deans for the Learning Environment may be approached by students about any concerning unprofessional incidents relative to faculty.
- The SOM is hiring an ombudsperson who will be another channel whom trainees may choose to reach out to.

Career Advisors and the MSTP Conflict Resolution Protocol

Role of MSTP Career Advisors. CAs are a unique asset to the trainees for not just being career coaches and co-mentors, but also being an unbiased, committed and longitudinal resource for advice and support throughout their MSTP tenure. Twice yearly meetings are an invaluable platform for conflict detection and remediation; students are free to reach out to CAs outside of the required meeting times for additional discussions. During the formal confidential meetings, trainees have absolute autonomy to articulate and document any conflicts. Beyond a surveillance function, CAs, who are seasoned and experienced faculty themselves, are able to advise and formulate a plan with a trainee. These could range from communication of issues with the mentor, more frequent trainee-CA meetings to monitor the issue, or communication of the issue with the MSTP leadership.

During these years of active learning, trainees may find themselves in challenging periods facing stress or lapses in attention to their own needs. The MSTP is deeply committed to the health and well-being of all students throughout their years in the program. To support the success of its students, the MSTP wants to promote the <u>resources available to all students</u>, as they encounter challenges during their time in the program. No issue is too big or too small to warrant support from the University of Pittsburgh and Carnegie Mellon University.

How to Enter Career Advisor Notes

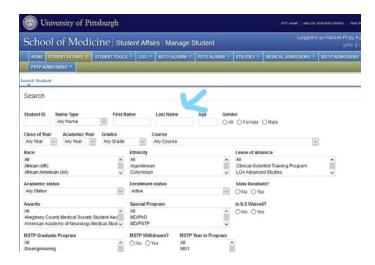
Here are the instructions on how to access AMPUP to enter notes on a meeting with a student.

Go to https://ampup.medschool.pitt.edu/Dashboard/Index and sign in.

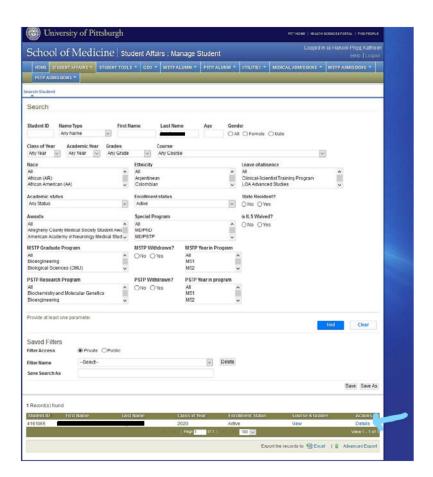
Next, find the Student Affairs Tab (shown below) – Select Manage Student



Next, search for student by last name



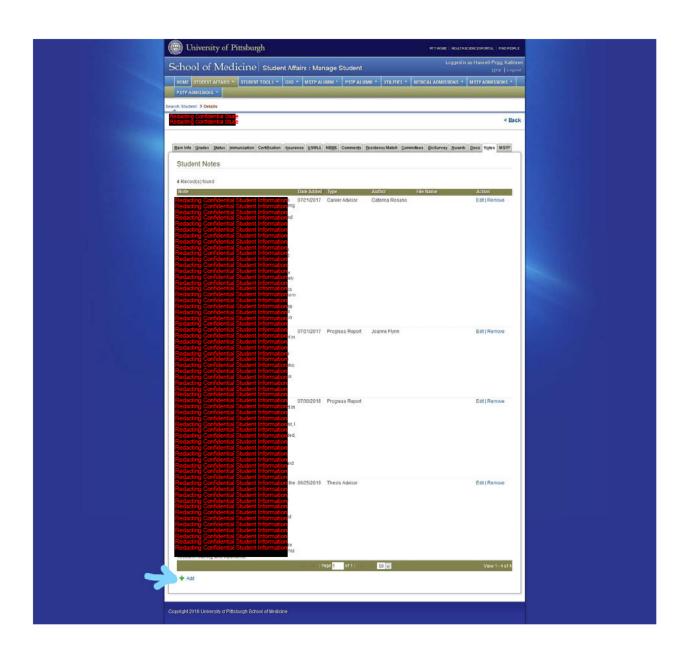
Click on details to see the full academic records.

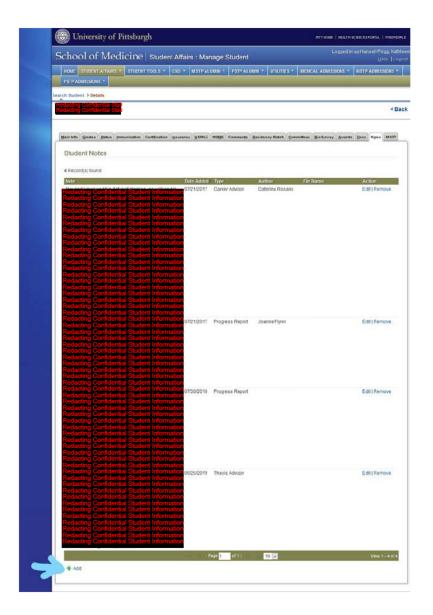


Next, click on Notes (second tab from the right)

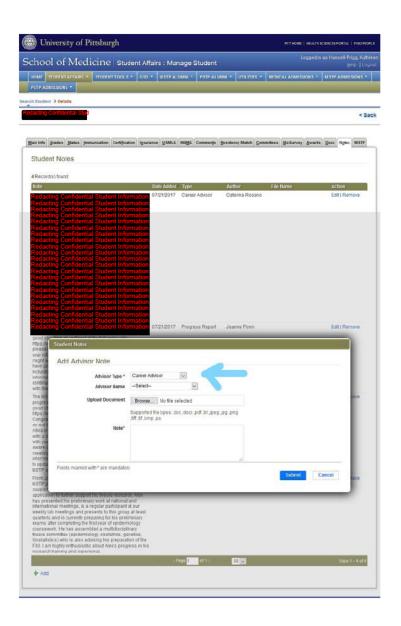


Scroll to the bottom and click add





Use the drop down menu – click Career Advisor
Then use the drop down menu to find your name in the advisor field
You can either upload your report or copy and paste in the Notes box



Where to find the students' IDP on AMPUP

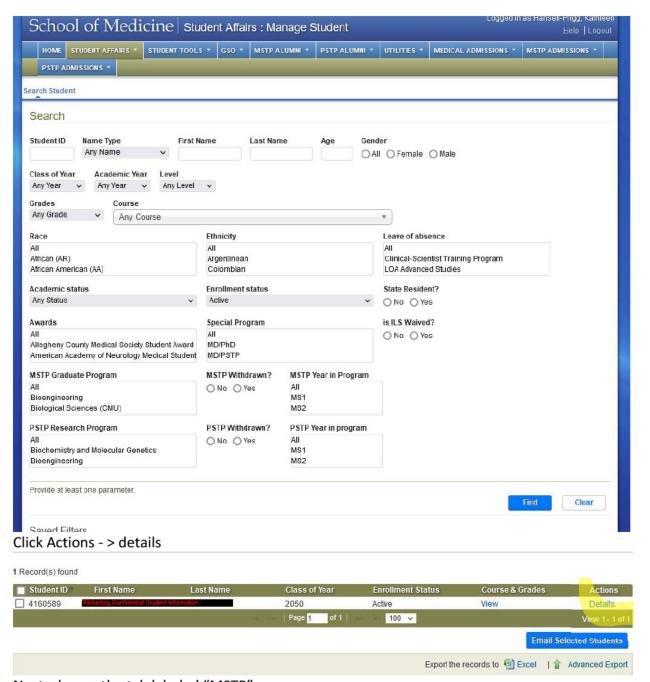
Please go to this link: https://ampup.medschool.pitt.edu/
Sign in with your Pitt.edu credentials



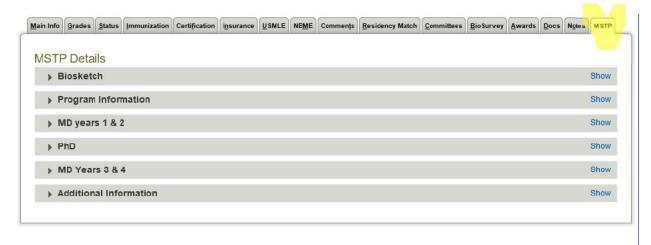
When loaded, please select Student Affairs -> Manage Student



Then search for student whose IDP you are looking up:



Next, choose the tab labeled "MSTP"



IDP information will be found here.

Who to contact if you are having issues:

For questions about the CA Program

JoAnne L. Flynn, PhD Distinguished Professor office: 412-624-7743 cell: 412-334-3802

email: joanne@pitt.edu

For questions about accessing AMPUP

Justin Markuss

Email: justinmarkuss@pitt.edu