2022 Spring Student-Faculty Medical Physics Meeting

Location: HAMP 2117
Date: March 9, 2022
Time: 4:00-5:00 pm
Spring Student-Faculty Medical Physics Meeting

This is a great time for everyone to meet, to discuss what we are doing, and how to best move our program forward. This Spring, we need to discuss upcoming changes to the program, a few new initiatives, and some opportunities available in the clinic.

Agenda:
(1) MPJC Updates
(2) Important Dates
(3) Annual AAPM Conference
(4) Undergraduate Updates
(5) Internships
(6) Program Updates
Medical Physics Journal Club

Presidents: Alexis Webb and Humberto Monsivais

• MP Steering Committee Meetings
• Monthly Journal Club meetings and invited speakers
• Support OVRC AAPM Meetings
• Help organize Alumni Dinner at Annual AAPM Conference
MPJC: Goals for the 2021-2022 Academic Year

(1) Register the club as an official organization:
   • Reasoning: Can receive University funding to support student activities such as travel awards or mini symposiums
   • Update: This initiative has been put on pause. May not be able to meet the requirements to be considered organization, open for input from students.

(2) Talk to MP alumni to establish financial assistance for students (i.e. awards, scholarships, ABR fees, tools, AAPM)
   • Reasoning: This initiative will help students, particularly non-funded students, who may not be able to participate otherwise
   • Update: We are actively working with the department to initiate a fundraising campaign with MP alumni to fund this award. Currently, we are leaning toward sponsoring a travel award to AAPM.

(3) Incorporate journal club discussions in between external speakers
   • Reasoning: At the start of the pandemic, the MPJC made the strategic shift to virtual meetings for everyone’s safety. With the relaxation of Protect Purdue Protocol’s we want to bring back the in-person meetings and journal discussion.
   • Update: We held our first in person meeting last month with Dr. Scarpelli. The meeting was successful and we intend to continue adding these between speakers.

(4) Set-up workshops for current and incoming students; we will send out survey for this, too.
   • Reasoning: It was brought to our attention that there would be interest in learning skills not necessarily taught in the classroom, but that would be useful in research and future careers (MC, Treatment Planning, etc.)
   • Update: We are working with some of the faculty and students to host a MC (Fluka) workshop in August.

(5) Annual Newsletter
   • Reasoning: This was something that was done in the past to share updates about the program and we would like to bring it back.
   • Update: This years Newsletter has been written (thanks, Liz!) and was sent out XXX. We will start planning the next one this summer—any volunteers?
What we need from you:

• Are you receiving our emails?
• What would you like to see from the MPJC?
• What days/times work best for meetings?
  • Is this a good time?
• Email us:
  • Humberto: hmonsiva@purdue.edu
  • Alexis: webb134@purdue.edu
External Speaker Survey
Important Dates: ABR Exam, Part 1

2022

August 1 – September 30

Applications for ABR Exam, Part I

Within 30 days, you will be notified via email of the status of your application

https://www.theabr.org/medical-physics/calendar

2023

January 13

Qualifying Exam, Part 1 (remote)

https://www.theabr.org/medical-physics/initial-certification/part-1-exam/requirements-application
AAPM Annual Conference

• July 10-14th
• Washington, DC
• Great opportunity to present your research
• Lots of professional development workshops
• Networking with people from industry, residency, and academia
• Purdue Alumni night!

Proffered Submission Deadline: MARCH 10, 2022
8:00 PM Eastern (5:00 PM Pacific)
Clinical Internships: RT Physics

Summer, 2022

• HSCI 690 (3CR) – Radiation Therapy (RT) Physics Clinical Competencies I
• Dr. Njeh, Indianapolis, Radiation Oncology, IUSM
Clinical Internships: Diagnostic Physics

Summer, 2022
- HSCI 690 (6CR) – Diagnostic MP Internship (MMC) (Dr. Jones)

Fall, 2022
- HSCI 672 – MRI QA Intern (Purdue, Life Sciences MRI Center) (Dydak)

Spring, 2023
- HSCI 674 – Diagnostic Imaging Physics Intern (Purdue, Vet Clinic) (Stantz)
New Requirement, New Course

HSCI 590  2CR  Human Sectional Anatomy

• Plan to start Fall, 2022
• This course will be required!
• Lead: Dr. Uzay Emir (taught by all faculty)
• Need: Volunteers to TA course for credit?
Other Announcements

• CAMPEP submission is done!
• Applicants visiting campus
• Audit, ask to fill out worksheets and meet (Zoom)
• Faculty Searches
• Undergraduates in Research Labs
• Congratulations to ...
  Austin Trebly – AAPM Summer Research Fellowship
  others ...
Discussion

Questions? … program … research

Comments? … ideas …