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# 2015 MedPhys Match & MP-RAP

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John Gibbons, Jonah Peranson

SDAMPP and AAPM webinar  
Oct 20 and Oct 22, 2014

# Goals for this webinar

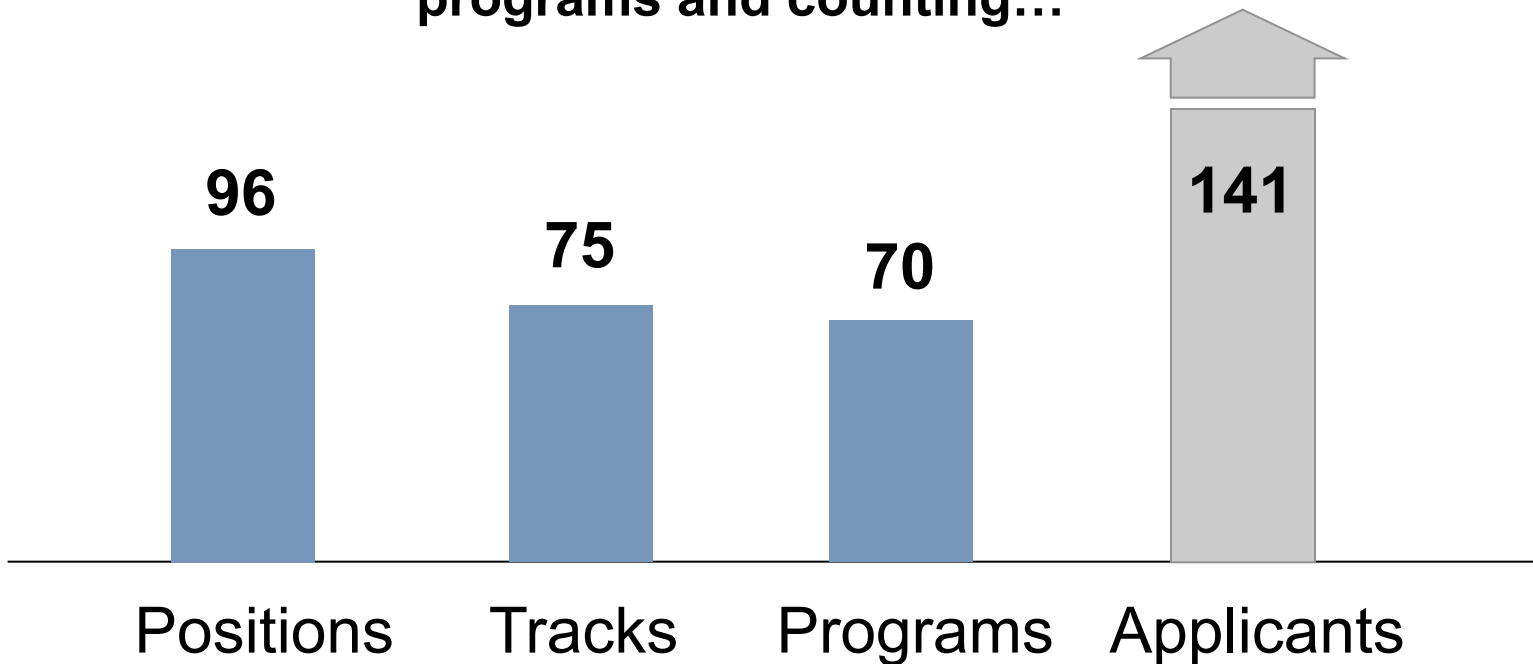
- Provide some basic information about the 2015 MedPhys Match
- Provide some basic information about Medical Physics Residency Application Program (MP-RAP)
- Provide a forum for program directors to ask pertinent questions about either one
  - If one PD has a question, chances are there are other with the same or similar questions.
  - Please send your questions directly to the meeting host via webex chat message as you think of them.
  - The webex is being recorded so that we can provide all participants with a summary of the content from both days.

# MedPhys Match – Participation

Participation by residency programs and applicants has been strong

**2015 Participation to date** (Oct 19, 2014)

**75% of all CAMPEP accredited programs and counting...**



# MedPhys Match – Schedule of Dates

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**Aug – Sep** Program registration

**Oct. 1** List of Participating Programs goes live

**Dec. 1** Recommended deadline for applicant registration

**Feb. 18** Rankings instructions distributed online and by email

**Mar. 4** Online rankings system opens

**Mar. 20** Rank Order List deadline

**Mar. 27** Results released online and by email

**Mar. 27 –  
Apr. 26** Letters of confirmation signed

# Interviews and Evaluations

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Applicants and programs interview and evaluate each other **independently** of the MedPhys Match

**Do**

Freely discuss any matter  
Express interest in an applicant  
Voluntarily disclose your intention to rank

**Do NOT**

Make any offers  
Solicit information about rankings  
Disclose information about rank positioning

# Submit Rank Order Lists

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Each applicant and program submits a Rank Order List of preferred placements to the MedPhys Match

- ▶ Verify applicant code numbers before ranking
- ▶ Submit lists online via secure ROLIC system
- ▶ Submit and certify list, or withdraw by the Rank Order List deadline

***Rank Order List deadline is 11:59 p.m. ET on Mar. 20, 2014***

# Submit Rank Order Lists (cont.)

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## Tips for Program Directors

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- ▶ The only strategy is to rank your choices in order of true preference
- ▶ Longer Rank Order Lists may reduce the likelihood of being left with unfilled positions
- ▶ Go for the best applicants, but rank all those acceptable
- ▶ Do not rank any applicant that you consider unacceptable

# Matching Algorithm

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The matching algorithm uses the preference Lists to place applicants into positions

- ▶ MedPhys Match uses the Roth-Peranson algorithm
- ▶ Originally designed for the US Medical Match, now used for residency matching in many other professions
- ▶ Guaranteed to provide the best results available for both applicants and programs

*Illustrative video and detailed explanation available on Match web site*



# Matching Algorithm (cont.)

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The matching algorithm is **stable**

## Stable

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**You will be matched to the most preferred applicants on your Rank Order list that rank you, and do not obtain positions at programs they prefer**

- If Applicant X ranks your program #1, and you also ranked Applicant X, then your program is guaranteed to fill a position with an applicant ranked at least as highly as Applicant X
- Assuming that all of your program's ranked applicants also ranked you, any applicants that were higher on your list than those that were matched to your program will have matched to other programs that they preferred over yours.

# Matching Algorithm (cont.)

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The matching algorithm is **strategy proof**

## Strategy Proof

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**You cannot improve your result by ranking applicants in any order other than according to your true preference**

- Ranking a “likely” applicant first or second on your list does not improve your chances of filling the position
- An applicant cannot be bypassed by a less-preferred applicant on an program's Rank Order List, regardless of how the two applicants ranked the program.

# Resources

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- ▶ MedPhys Match Web Site: **[natmatch.com/medphys](http://natmatch.com/medphys)**
  - Complete schedule of dates
  - Instructions, FAQs, description of Match algorithm
- ▶ Contact NMS
  - Email: [medphys@natmatch.com](mailto:medphys@natmatch.com)
  - Phone: (800) 461-6322

# Questions & Answers

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# Medical Physics Residency Application Program (MP-RAP)

John A. Antolak, PhD

SDAMPP and AAPM webinar  
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# Medical Physics Residency Application Program (MP-RAP)

- The Medical Physics Residency Application Program (MP-RAP) is a program started by the Workgroup for Coordination of Medical Physics Residency Programs (WGCMR) to do three things
  - Make it easier for applicants to apply for residency programs.
  - Reduce administrative burden for residency programs that have to process these applications.
  - ~~• Provide a mechanism that will allow programs to work towards a match system, putting applicants in their preferred programs, and getting preferred applicants into participating programs. The match system is currently used by medical residents, but is not currently in place for physics residents.~~

# Register

The screenshot shows the AAPM website's registration page for institutions. The header includes the AAPM logo and tagline, navigation links (Home, Directory, Career Services, etc.), and social media icons. A left sidebar lists navigation options like 'Institution Home', 'FAQ - Applicants', and 'Register'. The main content area is titled 'Residency CAP - Institution Home' and contains instructions for registering as a Program Director or Administrator. A red box highlights a message for non-AAPM members. Below this, there are instructions on fees and payment methods, followed by a registration form with fields for Institution Email, UserID, and Password.

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**Residency CAP – Institution Home**

**Register as Program Director or Administrator**

If you already registered and would like to make a payment, please [click here](#)

We have not detected that you are an AAPM member. If you are an AAPM member, it is strongly recommended that you first log in to the main AAPM site ([click here](#)) and come back to this page. Your UserID and password will be the same as your current AAPM Username and password if you do so.

The current fee to register your program is \$200, and credit card payment is preferred. If you wish to pay by check, you can select this option on the payment pages, but you will have to wait for your account to be activated by AAPM staff when they receive your check.

If you are not an AAPM member, or prefer to not use your AAPM information, please fill in the following form.


Institution Email

UserID



Type Password

Type Password Again

# Institution Info

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## Residency CAP – Institution Home

*We advance the science, education and professional practice of medical physics*

- Institution Home**
- FAQ - Applicants
- FAQ - Programs
- Institution Info**
  - Institution Users
  - Payments & Receipts
- Openings**
  - Your Openings
  - All Openings
  - All Programs
- Applicant List**
- Logout**
- Contact Us**
- Applicant Home**
- AAPM Home**

### Institution Info

The information on this page is what applicants can see at any time, even if you do not have any current openings. If you have a program website, you should include the link here. Your description should be a general description about your residency program and institution and not specific to any given position.


The address field should only include the postal address information not present in other data entry fields.

Institution Name	<input type="text" value="Mayo Clinic Rochester"/>
Address <small>max. 60 characters</small>	<input type="text" value="Radiation Oncology, Desk R&lt;br/&gt;200 First St SW"/>
City	<input type="text" value="Rochester"/>
State	<input type="text" value="MN"/>
Zip	<input type="text" value="55905"/>
Phone	<input type="text" value="507-284-4655"/>
Email	<input type="text" value="mueller.julie@mayo.edu"/>
Website	<input type="text" value="http://www.mayoclinic.org/radiation-oncology-rst"/>
Description <small>max. 2000 characters</small>	<input type="text" value="The Mayo Clinic Radiation Oncology Medical Physics Division has 15 Ph.D. faculty, 17 clinical physicists, 9 clinical fellows, post doctoral fellows and computer support personnel. The Medical Physics Division supports all aspects of the Mayo Clinic Rochester clinical radiation oncology program, research and graduate education. The main"/>

**Opt-In**  
By checking the "Opt-In" checkbox, you are requesting that the CAP send you no more than 1-2 emails each day with important updates to the system, such as added programs, upcoming deadlines, and CAP changes.






# Institution Users



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## Residency CAP – Institution Home

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**Institution Home**

**FAQ - Applicants**

**FAQ - Programs**

**Institution Info**

- ▶ Institution Users
- Payments & Receipts

**Openings**

- Your Openings
- All Openings
- All Programs

**Applicant List**

### User Login Information


This page lists all users that can access your institutional and program information. To add a non-AAPM member as a user, you will need to enter the name (first and last) and email address for the user. Then you will need to create a user ID and password for the user. For AAPM members, entering the AAPM member number and last name will copy the login information from the AAPM user database to the CAP.

Please keep in mind that the CAP user database is separate from the AAPM user database. If you change your AAPM password (AAPM members), you will need to separately change your CAP password. If you forget your CAP password, any other user that can access your institutional data can reset the password for you.

LOGINID	AAPM ID	FIRSTNAME	LASTNAME	EMAIL	
				mayo.edu	<a href="#">delete</a>
				mayo.edu	<a href="#">delete</a>
				@mayo.edu	<a href="#">delete</a>




[Click here to add a user](#) | [Click here to add AAPM user](#)

# Payments & Receipts



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## Residency CAP – Institution Home







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- Institution Home
- FAQ - Applicants
- FAQ - Programs
- Institution Info
  - Institution Users
  - ▶ Payments & Receipts
- Openings
  - Your Openings
  - All Openings
  - All Programs

### Payment History

The following table includes past payments and open invoices. Click on the invoice number to generate a pdf of the invoice, which will include the payment status.

Opening credit remaining: 0, [click here to add a credit](#)

INVOICE NUMBER	AMOUNT	DATE	STATUS
	\$200.00	12/9/2011	Paid
	\$200.00	8/31/2012	Paid
	\$200.00	9/13/2012	Paid
	\$200.00	9/30/2013	Paid
	\$200.00	11/14/2013	Open Invoice
	\$200.00	10/14/2014	Open Invoice

# Your Openings

## Openings

- ▶ Your Openings
- All Openings
- All Programs

## Applicant List

## Logout

## Contact Us

## Applicant Home

## AAPM Home

You may delete an opening at any time after the deadline has passed, which will also delete all of the associated applications. However, it is suggested that you keep at least one prior opening to use as a template when creating new openings.

Note: Programs are asked to self-certify that the position is included in the MedPhys Match residency-matching program. Programs need to be registered at the [MedPhys Match website](#) before National Matching Services (NMS) will provide an NMS ID for the particular position (or track). Applicants use the NMS ID to ensure that they are ranking the correct program. If you have multiple positions or tracks (e.g., different start dates or program length), each position will have a different NMS ID so that applicants can indicate their preference among the choices.

NAME	OPEN	DEADLINE	LENGTH OF PROGRAM	OPENINGS	PROGRAM SIZE	NMSID		
<a href="#">Mayo RadOnc Clinical Medical Physics Fellowship</a>	12/1/2011	12/31/2011	36	4	9		<a href="#">preview</a>	<a href="#">delete</a>
<a href="#">Mayo RadOnc Clinical Medical Physics Fellowship</a>	9/19/2012	12/16/2012	36	3	9		<a href="#">preview</a>	<a href="#">delete</a>
<a href="#">Mayo RadOnc Clinical Medical Physics Fellowship</a>	10/1/2013	12/1/2013	36	3	9		<a href="#">preview</a>	<a href="#">delete</a>
<a href="#">Mayo RadOnc Clinical Medical Physics Fellowship</a>	9/29/2014	1/1/2015	36	3	9	13411	<a href="#">preview</a>	

Opening credit remaining: 0, [click here to add a credit](#)

[Add a MedPhys Match opening](#)



# Adding a MedPhys Match Opening

## Add a MedPhys Match opening

Please fill out the following form (all fields required unless stated otherwise)

**Opening Name**

**Description** (text only, no html or links allowed, max 2000 characters)  
The Division of Medical Physics in the Department of Radiation Oncology at Mayo Clinic, Rochester, MN invites applications for positions in our CAMPEP-accredited clinical medical physics residency and fellowship program. Individuals will receive training in all essential aspects of clinical radiation oncology physics as outlined by the American Association of Physicists in Medicine and required for American Board of Radiology certification in Medical Physics. The 3-year fellowship commences in July 2015, and also includes clinical research effort under the supervision of one of the faculty members. Qualified individuals should possess a recent Ph.D. in medical

Click here for Programs without Current Openings

**Open Date**  
(Format: MM/DD/YYYY)

**Deadline**  
(Format: MM/DD/YYYY)  **Sell Your Opening!**

**Start Date**  
Optional, Format: MM/DD/YYYY

**Length of program**  
(in months)

**Current openings**

**Size of Program**

**Link to advertisement**  
Optional

**Program Website**  
Optional

**Degree requirements**

MS only  
 PhD only  
 MS or PhD

**CAMPEP GRAD**

Yes  No

**Spec**


Radiation Therapy Physics  
 Diagnostic Imaging Physics  
 Nuclear Imaging Physics

**Incomplete Data**  OK  Not OK

**NMS ID**  **5-digit NMS ID**

- Information from last opening is copied for convenience
- Edit as needed for current opening




# All Openings



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Residency CAP – Institution Home

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Institution Home

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FAQ - Applicants

---

FAQ - Programs

---

Institution Info

- Institution Users
- Payments & Receipts

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Openings

- Your Openings
- ▶ All Openings
- All Programs

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Applicant List

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Logout

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Contact Us

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Applicant Home

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AAPM Home

## All Openings

This list shows all current openings that are visible to applicants, including yours (if applicable). The purpose of this list is to allow you to easily compare your opening (or potential opening) to what others have posted.

Click on any heading to sort the list by that column. Click again to reverse the sort order. Entering a search string (not case sensitive) will filter the list to show only those openings that contain the search string (in any column). For example, to filter the list by degree requirements, enter "MS" or "PhD" in the search box.

**Note:** Programs are asked to self-certify that the position is included in the MedPhys Match residency-matching program. Programs need to be registered at the [MedPhys Match website](#) before National Matching Services (NMS) will provide an NMS ID for the particular position (or track). Applicants use the NMS ID to ensure that they are ranking the correct program. If you have multiple positions or tracks (e.g., different start dates or program length), each position will have a different NMS ID so that applicants can indicate their preference among the choices.

Show  entries Search:

NAME	DEADLINE	START	DEGREE	CAMPEP GRAD	SPEC	MEDPHYS MATCH
[REDACTED]	12/31/2014	07/01/2015	PhD Only	No	Therapy	Yes
[REDACTED]	12/15/2014	07/01/2015	MS or PhD	No	Therapy	Yes
[REDACTED]	01/12/2015	07/01/2015	MS or PhD	Yes	Therapy	Yes

# Applicant List

- ▶ Applicant List
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<a href="#">Mayo RadOnc Clinical Medical Physics Fellowship</a>	9/29/2014	1/1/2015	7
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**Click here first**

## Applicant List

Please click on the applicant name to create and download the application file.

The applicants listed below have officially submitted their application to your program. However, they can submit the application before reference letters have been submitted. **Therefore, it is very important that if you download any applications before the deadline, you download them again after the deadline to ensure that you have the most complete information possible to evaluate the applicants.**

**Note: Some programs have reported sporadic problems downloading some applications using Internet Explorer 10. If this happens, the download stops before completion (appears to hang), or the download appears to complete properly, but Acrobat reports the file as damaged. If you experience this, you can try turning on compatibility mode and/or standards mode (IE developer settings). You can also try another browser (e.g., a previous version of IE, or another vendor's browser) or a different computer. We are working to resolve the issue, but don't have an estimate for when we will have a solution. Feel free to contact us if you find an application you are unable to download and we will help you get the information you need.**

Mayo RadOnc Clinical Medical Physics Fellowship - Deadline: 1/1/2015 [\[export applicant list to Excel\]](#)

NAME (CLICK NAME TO DOWNLOAD APPLICATION)	EMAIL	APPLY ON
[blurred]	[blurred]	10/1/2014
[blurred]	[blurred]	10/1/2014
[blurred]	[blurred]	10/6/2014
[blurred]	[blurred]	10/10/2014
[blurred]	[blurred]	10/13/2014
[blurred]	[blurred]	10/15/2014
[blurred]	[blurred]	10/15/2014



# Questions & Discussion