

CAMPEP Residency Program Report

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AAPM Meeting
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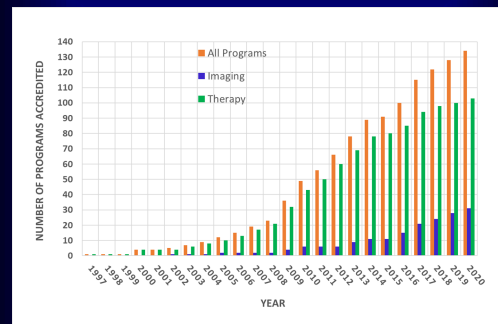
2020 Accreditation Status

- # of accredited residency programs: 128
 - ✓Therapy: 103
 - ✓Imaging: 31 (Diag: 22, Nuc Med: 9)
- # of accredited programs in:
 - ✓USA: 118
 - ✓Canada: 15
 - ✓Outside of North America: 1

Current REPRC Activity

- # of programs in initial review process: 7
 - ✓ Therapy: 2
 - ✓ Diagnostic Imaging: 2
 - ✓ Diagnostic Imaging + Nuc Med: 3
- # of programs in re-accreditation process
 - Therapy: 16
 - Diagnostic Imaging: 8 (1 DMP)

Residency Program Growth



2019 Annual Survey Data

- # of programs responded: 133
- # of program offerings responding
 - ✓ Therapy: 103
 - ✓ Imaging: 30
 - ✓Diagnostic Imaging: 17
 - ✓Diagnostic Imaging + Nuc Med: 8
 - ✓Other: 5

Participation in the Match

2019	Therapy	Imaging
All positions	60.2%	65.5%
Some positions	4.9%	0.0%
Not participated	34.9%	34.5%

Next 2 years	Therapy	Imaging
Definitely participate	49.6%	32.7%
Likely to participate	18.4%	44.9%
May participate	5.8%	4.1%
Not sure	6.8%	4.0%
Unlikely to participate	13.6%	8.2%
Definitely not participate	5.8%	6.1%

Reasons for non-Participation

Reason	#
Start date of Match does not coincide with start of residency program	15
We could do better outside the Match	14
Want to be independent of outside organizations	4
Program recruits primarily Canadians	11
We can only recruit through military channels	1
Problem with matching algorithm	2
We prefer to make an offer as soon as we find an acceptable applicant	15
We receive too many applicants	4
Other	30

Interview Requirements

	Therapy / Imaging
In-person interview	65 / 12
Either in-person or via telephone/Skype/FaceTime	24 / 11
Other	11 / 6

Financial Assistance for Interviews

	Therapy / Imaging
Transportation	6 / 3
Lodging	19 / 9
Meals	34 / 12
Fixed	5 / 3
None	56 / 9
Other	5 / 5

Funding Sources

Funds	2019
Hospital	43.8%
Departmental	34.3%
Other	21.9%

Residents Admitted

Specialty	2018	2019
Therapy	150	149
Imaging	28	27

Total # of Residents	2018	2019
Therapy	330	339
Imaging	59	64
Nuclear Medicine	3	5
TOTAL	392	408

Residents Admitted by Degree and Gender

Prior Degree	2018	2019
CAMPEP MS/MSc	39.3%	41.5%
CAMPEP PhD/DSc	36.5%	32.8%
Certificate Program & Non-Medical Physics Programs (assumed to be PhD graduates)	24.2% (15.7% Certificate, 5.1% non-CAMPEP Med Phys, 3.4% non-Med Phys, 0% other)	25.7% (18% Certificate, 3.9% non-CAMPEP Med Phys, 3.3% non-Med Phys, 0.5% other)

Gender	2018		2019	
Female	65	36.5%	54	29.5%
Male	113	63.5%	129	70.5%

Residents Admitted from Underrepresented Minorities

Racial/Ethnic Group	2018	2019
Black/African American	2	10
Latino/Hispanic	6	6
Native American/First Peoples	3	0
Pacific Islander	0	3

Graduates

# Graduates	2018	2019
Therapy (#Programs Reporting)	133 (98)	140 (103)
Imaging (#Programs Reporting)	32 (27)	22 (30)

Average # Graduates Per Program	2018	2019
Therapy (#Programs Reporting)	1.35 (98)	1.36 (103)
Imaging (#Programs Reporting)	1.18 (27)	0.73 (30)

Premature Departure

Reason	2018	2019
Poor Clinical Performance	2	0
Poor Academic Performance	1	0
Academic Misconduct	0	0
Other Misconduct	0	0
Medical or Personal Reasons	2	2
Left to Take Job	4	2
Decided Medical Physics not a Good Match	0	3
Other	0	1

Resident Training Sites

	2018	2019
Trained at a single site	39.2%	40.6%
Trained at a single site although the program includes multiple sites	25.6%	24.1%
Trained at multiple sites	35.2%	35.3%

Courses Offered

	Required	Optional	Not offered
Safety	129	1	0
Ethics	124	5	2
Professionalism	119	9	2
Leadership	93	23	14
Regulatory issues	114	10	4
Career development / job search	47	58	24
Board exam preparation	94	29	7

Benefits Package

	Therapy	Imaging
Book Allowance	53.4%	46.7%
Educational Benefit	42.7%	60.0%
Health Insurance	94.2%	93.3%
Meeting Attendance	92.2%	86.7%
Retirement Savings	51.5%	36.7%
Other	19.4%	26.7%

Resident Involvement in Clinical Support Activities

	2018	2019
Required	96.6%	86.5%
Optional	0.0%	9.00%
Not required	3.4%	4.5%

Resident Involvement in Clinical Support Activities

	2018	2019
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Optional	0.0%	9.00%
Not required	3.4%	4.5%

Resident Publications / Presentations

	2018	2019
Publications	203 (therapy)	184 / 1.79 (therapy)
	34 (Imaging)	33 / 1.10 (Imaging)
Presentations	454 (therapy)	426 / 4.14(therapy)
	57 (Imaging)	87 / 2.90 (Imaging)

of months to 1st Employment after Completion of Residency

	2018	2019
Therapy (#Programs Reporting)	0.54	0.84
Imaging (#Programs Reporting)	0.30	1.04

Destination of Residents

Destination	2018	2019
Private or Community Hospital	49 (28%)	46 (28.7%)
Government Hospital	6 (3%)	9 (5.6%)
Medical School	80 (45%)	66 (41.2%)
College /University	4 (2%)	4 (2.5%)
Government (non-hospital)	0 (0%)	1 (0.6%)
Med Phys Service Group	15 (8%)	10 (6.2%)
Medical Physician's Group	2 (1%)	1 (0.6%)
Industry / Commercial Firm	0 (0%)	0 (0%)
Cancer Center	15 (8%)	21 (13.1%)
Outside of Medical Physics	2 (1%)	0 (0%)
Still Seeking position	2 (1%)	0 (0%)
Other	3 (2%)	2 (1.2%)

Board Exam Enrollment / Pass Rate

	2019
Took ABR Part II	147
Passed ABR Part II	142
Took CCPM Written	25
Passed CCPM Written	23

Time Allocation

FTE Allotment	2018	2019
Time Allocated for PD by Institution (mean FTE)	0.15 ± 0.16	0.15 ± 0.19
Time Allocated for Administrative Support for PD (mean FTE)	0.18 ± 0.17	0.20 ± 0.18
Time Allocated for Faculty/ Staff to Mentor / Supervise (mean FTE)	0.42 ± 0.45	0.42 ± 0.45

Summary

- Thank you very much for your attention
- Any questions??