

Radiology Interest Group X Power Research Workshop: Engaging Medical Students in Radiology Research and Mentorship

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Why it matters:

- Builds early radiology interest & pipeline
- Research productivity is a key differentiator
- Matched Diagnostic Radiology applicants averaged **8.0 scholarly works in 2022 → 12.0 in 2024** [1,2]



What we did:

med student → research + mentorship → Match

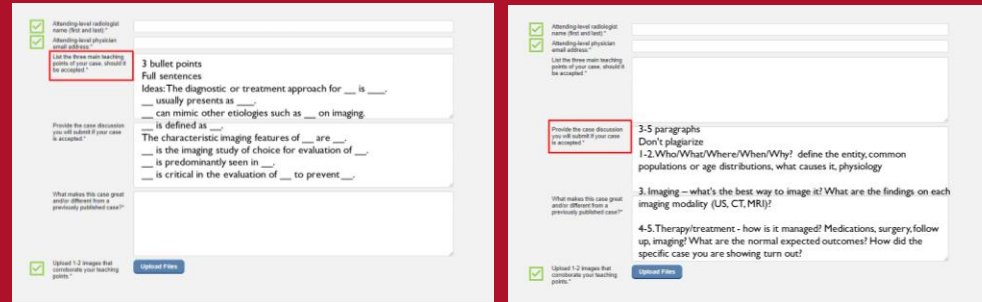
Workshop Model

- Recruit medical students through RIG
- Pair each student with faculty + unique case
- Prepare case for ACR *Case in Point* submission
- Track completion and match outcomes

Data collected (2023–2025):

- Student + faculty participants
- Case status (submitted vs. incomplete)
- Students' matched specialty (2023–2024 only)

Mentorship + Research = Futures in Radiology



Figs 1 & 2. Instructional infographics used to guide students through the ACR *Case in Point* submission process.

The Power Research Workshop connects medical students with radiology faculty to complete case reports for the ACR *Case in Point* database.

For many students, it is their first direct exposure to radiology mentorship and scholarship.

Take a picture to download the full abstract



What we found:

Participation

43 students, 20 faculty
2:1 student-faculty ratio
53 total cases



Case Outcomes:

29 submitted (55%)
– 9 published
– 9 accepted, pending publication
– 1 rejected
24 incomplete (45%)

Match Outcomes:

Among students who completed the Match, **60% entered radiology (Diagnostic or IR).**

Key Takeaways:

- Early, structured research fosters interest in radiology
- Supports both recruitment (exploring students) and preparation (committed applicants)

Future Directions:

- Add radiology residents as near-peer mentors to increase follow-through and accountability.
- Near-Peer Mentor Program model showed **83% completion with multiple publications.** [3]
- Continue tracking case completion, publications, and match outcomes to refine and expand the program.

References

1. NRMP. *Charting Outcomes in the Match 2022*. July 1, 2022. Accessed August 25, 2025.
2. NRMP. *Charting Outcomes in the Match 2024*. August 2024. Accessed August 25, 2025.
3. Oak S, Glickman C, McMackin K. *Near-peer mentorship: promoting medical student research with resident pairing*. J Med Educ Curric Dev.