

WHY DO RESEARCH?

Research is more valuable as measurable output (publications, conference presentations, awards/prizes) <http://medclerkships.com/role-of-research-in-a-residency-application/>. Research is viewed as Class C criteria – “used for making finer distinctions — when all else between potential candidates seems equal in comparison. **These criteria rarely help a student get a match into a specialty if one’s academic record (Class A variables) are less competitive**”. <http://medstudents.medicine.umich.edu/student-support/match/critical-components-match>

Publications increases your chances for competitive residencies

Specialty	US MG Avg # pubs	IMG Avg # pubs
Family Medicine	1.4	1.4
Integrated Plastic Surgery	8.2	16.8

Ref 1st paragraph of introduction: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4655637/>

Research is important for competitive specialties (Directors cited valuing research)

Specialty	Importance in ranking
Neurosurgery	86%
Radiation oncology	79%
Plastic surgery	75%
Dermatology	62%
Psychiatry	62%
Orthopedic surgery	61%
Otolaryngology	61%
Family medicine	17%

Ref: “extracurric act section” <http://www.studentdoctor.net/2011/02/getting-into-residency-most-important-factors/>

Research is important even if it is not in top 25 factors residency match	Rank
Building confidence to interact with faculty on a different level than during normal class activities: <i>Interactions with faculty during interview and visit</i>	2
Allows for development of teamwork and working with others toward a common goal: <i>Interpersonal skills</i>	3
<i>Perceived commitment to specialty</i>	8
Gets you a letter of recommendation. <i>Letters of recommendation in the specialty</i>	9
Make several connections while collaborating with other researchers, more so compared to clinical experiences. <i>Personal prior knowledge of the applicant</i>	20
Publications and presentations on your CV make stand out compared to other applicants (as long as your STEP 1 score is high) <i>Demonstrated involvement and interest in research</i>	30

Refs: <http://medicalopedia.org/3472/nrmp-survey-reveals-most-important-factors-used-for-ranking-applicants-in-residency-match/>, <http://medclerkships.com/role-of-research-in-a-residency-application/>

Why should I attend conferences and get publications?

- The Electronic Residency Application Service (ERAS) has sections for:
 1. Peer Reviewed Journal Articles/Abstracts and
 2. Poster Presentation.
- Thus research is ONLY valuable for residency if it results in publications, and conference abstracts.

Is research is important for residency?

- In all fields, residents are required to do a "scholarly activity," with clinical or bench research encouraged. <http://www.medscape.com/viewarticle/870041>, section II.B.5, IV.B1, IV.B2 of http://www.acgme.org/Portals/0/PFAssets/ProgramRequirements/CPRs_2017-07-01.pdf Research opportunities in residency matching to specialty are ranked ~70% importance https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3399606/bin/10.4300_JGME-D-11-00109.1.s1.docx