

## BACKGROUND

The world of medical student advising is everchanging, even more so with Emergency Medicine with the addition of numerous residency programs throughout the past several years. In addition to increasing number of programs, there is an increasing trend in academic competitiveness of EM applicants. Given this, we've developed a survey to try to provide the best data possible locally to our EM bound students.

## PURPOSE

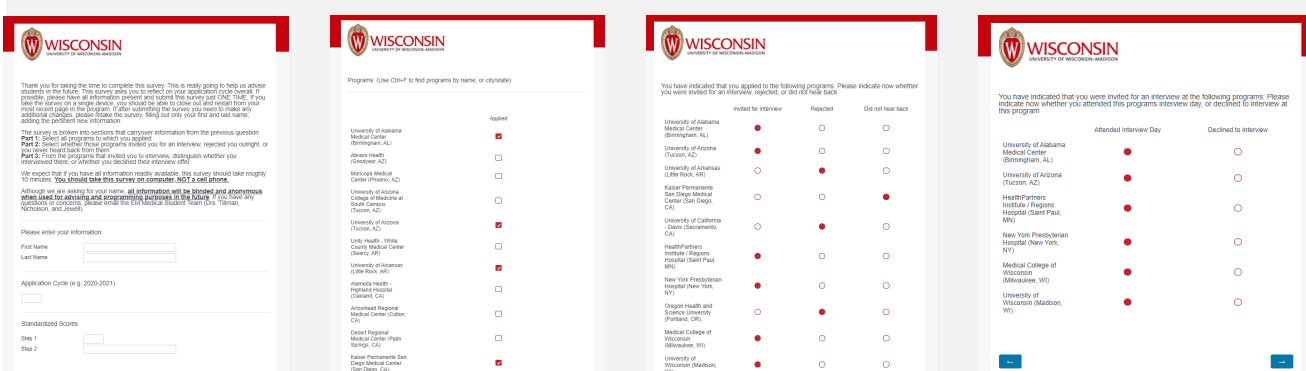
To collect data from students matching into Emergency Medicine to help augment our medical student advising on an individual basis. This data set enables us to make estimations about an individual students' competitiveness to specific programs beyond the generalizations that typically characterize medical student advising. As our survey continues, and we acquire data from additional years of students, we will have greater predictive power to advise future students.

## METHODS

### Survey Creation

1. Pull EM Residency Programs from EMRA Match site: <https://webapps.emra.org/utis/spa/match#/search/list>.
2. Create step-wise survey on UW Qualtrics that progresses student options from Applied → Invited for Interview / Rejected / Did not hear back → Attended Interview / Declined Interview Invite. Also captures Step data and Application Cycle Year

### Student View



## RESULTS

### Program Data

Total Applied	Total Invited	Total DNHB	Total Rejected	Total Declined	Total Interviewed	% Invited or Interviewed	% Rejected/DNHB
40	40	0	0	0	40	100%	0%
30	20	0	5	0	19	67%	17%
29	12	2	12	0	9	41%	48%
28	20	0	3	0	21	71%	11%
27	11	1	6	1	8	41%	26%
26	10	1	15	1	7	38%	62%
24	12	1	5	0	11	50%	25%
23	11	0	10	0	12	48%	43%
23	7	0	13	2	4	30%	57%
22	13	2	7	0	13	59%	41%
22	11	2	3	1	5	23%	23%
21	9	2	4	1	4	43%	29%
21	7	0	13	0	4	33%	62%
21	3	0	13	0	3	14%	62%
20	6	1	6	3	1	30%	35%
20	6	0	14	1	3	30%	70%
19	8	1	9	0	7	42%	53%
19	8	0	4	0	4	42%	21%
18	12	0	6	0	8	67%	33%
18	11	2	2	0	7	61%	22%
18	11	1	6	1	10	61%	39%
18	8	1	8	1	3	44%	50%
17	8	2	2	0	4	47%	24%
17	6	0	7	0	4	35%	41%
16	13	1	1	0	11	81%	13%
16	11	0	3	0	12	69%	19%
16	6	1	4	1	3	38%	31%
16	4	0	8	0	3	25%	50%

### Example: Highly Selective Program

Program Name (City, ST)	Total Applied	Total Invited	Total DNHB	Total Rejected	Total Declined	Total Interviewed	% Invited or Interviewed	% Rejected/DNHB	% students who apply here
School X	15	0	0	13	0	0	0%	87%	38%

Over the past two years, no UW student has received an interview at School X, despite 38% of all students applying. Future students would likely need a strong personal connection to the city or state in which School X is located, in addition to being exemplary candidates.

### Example: Less Selective Program

Program Name (City, ST)	Total Applied	Total Invited	Total DNHB	Total Rejected	Total Declined	Total Interviewed	% Invited or Interviewed	% Rejected/DNHB	% students who apply here
School Z	16	13	1	1	0	11	81%	13%	40%

School Z is closer geographically to UW and offers strong interview rates to the majority of UW students who apply each year. This is indicative of our Midwest connections and similar applicant base and program profiles.

### Putting it all together: Student Profiling

From the survey, we can provide more sound advice to students about the number of schools they should apply to based on their applicant profile, as well as give them an idea of how many interview invites they can expect, and offer insight into schools that are likely or unlikely to extend them an interview invite based on past applicants.

Step 1	Step 2	Total Applied	Total Invites	Total Rejections
240	250	45	26	18
237	258	45	12	7
234	257	30	25	1
232	258	60	33	12
227	232	43	13	30
227	255	40	20	20

## CONCLUSIONS

As our survey continues to accumulate data, we hope that it will become an optimized tool for providing students with the most up to date data possible and have greater predictive power to advise future students. It will help us do our best to determine an individual applicants' competitiveness for certain programs, regions, and types of programs and uniquely tailor each student's application to maximize their competitiveness and potentially minimize financial costs for our medical students.

## NEXT STEPS

- As Step 1 becomes Pass/Fail, our ability to use this survey as an accurate tool for advisement will shift. However, the more students who take the survey, regardless of Step 1 score, will allow us to have robust data.
- This survey requires continual updates each year (adding in new programs, integrating student feedback).
- Buy-in from students through advising sessions and individual touch points will ensure that data is accurate and indicative of all EM-applicants (not just those who feel good about their match).

## CONTACT INFORMATION

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