

## Supplemental materials for

Ringwald BA, Taylor M, Seehusen DA, Middleton JL. Family Medicine Resident Scholarly Activity Infrastructure, Output, and Dissemination: A CERA Survey. *Ann Fam Med*. 2024;22(5):400-409.

## Supplemental Appendix

Recurring Standardized CERA Demographic Questions for Family Medicine Program Directors

Please describe the type of residency program you direct:

- University-Based
- Community-Based, University-Affiliated
- Community-Based, Non-Affiliated
- Military
- Other (please specify):

In what state is your residency program located? (This information will be aggregated into regions before data is disseminated.)

What is the approximate size of the community in which your program is located?

- Less than 30,000
- 30,000 to 75,000
- 75,001 to 150,000
- 150,001 to 500,000
- 500,001 to 1 million
- More than 1 million

How many residents (total complement) were in your program as of July 2019?

- < 19
- 19 - 31
- > 31

What percentage of the current residents in your program are graduates of non-US medical schools?

- 0-24%
- 25-49%
- 50-74%
- 75-100%
- Don't Know

Your medical degree is:

- MD
- DO

How long have you been in your current program director role?

How many total years have you served as a program director?

What is your current gender identity? Select all that apply

- Female/Woman
- Male/Man
- Genderqueer/Gender non-conforming
- Non-binary
- Choose not to Disclose
- Prefer to self-describe (please specify)

Which of the following best defines your race or ethnicity? Select all that apply:

- Hispanic/Latino/a/Spanish Origin
- American Indian/Alaska Native/Indigenous
- Asian
- Black/African American
- Native Hawaiian/Pacific Islander
- White

Middle Eastern/North African

For URM Questions we used the following definition from AAMC:

“Underrepresented in medicine means those racial and ethnic populations that are underrepresented in the medical profession relative to their numbers in the general population (Black/African-American, Hispanic/Latino/of Spanish Origin, American Indian/ Alaska Native/Indigenous, Native Hawaiian/other Pacific Islander, and certain Asian ethnicities).”

I self-identify as underrepresented in medicine.

No

Yes

#### Developed Questions Regarding Family Medicine Resident Scholarly Activity

The Family Medicine ACGME requirements for scholarly activity are outlined in section IV.D.3 entitled “Resident Scholarly Activity” which states:

IV.D.3.a) Residents must participate in scholarship.

IV.D.3.b) Residents should complete two scholarly activities, at least one of which should be a quality improvement project.

1. Over the last 3 years, what percent of your residents have done more scholarly activity than the minimum requirement set by the ACGME?

0%    1-24%    25-49%    50-74%    75-100%

2. Over the last 3 years, what percent of your graduating residents have been authors on at least one peer-reviewed publication during residency?

0%    1-24%    25-49%    50-74%    75-100%

3. Over the last 3 years, what percent of your graduating residents have presented posters or given podium presentations at state, national, or international medical conferences during residency?

0%    1-24%    25-49%    50-74%    75-100%

4. Beyond the ACGME requirement for completing a quality improvement project, select the most common type of scholarly activity completed.

- Second quality improvement
- Case report
- Letter to the Editor
- Book chapter
- Curriculum projects
- Population health projects
- FPIN HelpDesk
- Observational studies
- Clinical trials
- Reviews
- Meta-analyses

5. Beyond the ACGME requirement for completing a quality improvement project, select the second most common type of scholarly activity completed.

- Second quality improvement
- Case report
- Letter to the Editor
- Book chapter
- Curriculum projects
- Population health projects
- FPIN HelpDesk
- Observational studies
- Clinical trials
- Reviews
- Meta-analyses

6. Select the most common way that residents disseminate their scholarly activity.

- Presentation within institution
- Poster presentation at state, national, or international conference

- Oral presentation at state, national, or international conference
- Published in non-peer reviewed journal
- Published in peer reviewed journal

7. Select the second most common way that residents disseminate their scholarly activity.

- Presentation within institution
- Poster presentation at state, national, or international conference
- Oral presentation at state, national, or international conference
- Published in non-peer reviewed journal
- Published in peer reviewed journal

8. Choose the statement that best describes your residents' scholarly activity productivity?

- Our program struggles to meet ACGME requirements
- Our program meets ACGME requirements and is satisfied with our current production of scholarly activity
- Our program meets ACGME requirements and is planning to increase our production of scholarly activity
- Our program exceeds ACGME requirements and is satisfied with our current production of scholarly activity
- Our program exceeds ACGME requirements and is planning to increase our production of scholarly activity

9. Does your program have faculty comfortable with supporting original research by a resident?

- Yes  No

10. Does your program have a structured scholarly activity curriculum or protected time for scholarly activity?

- Yes  No

11. Does your program have access to an Institutional Review Board?

- Yes  No

12. Does your program have access to a research librarian to support original research?

Yes  No

13. Does your program have access to a statistician to support original research?

Yes  No

### Supplemental Figure

