



Librarians as Partners in Medical Education Scholarly Activity Initiatives

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Abstract

Health sciences librarians can partner with medical educators to prepare residents for scholarly activity.

In addition to providing instruction in areas traditionally taught by librarians, such as database searching and citation management, librarians can teach other components of scholarly activity.

Library workshops enable residents to learn best practices for communicating and disseminating their research.

Need/Rationale

ACGME program requirements mandate that residents participate in scholarly activity.¹

To meet ACGME requirements, medical educators are developing initiatives to prepare residents to participate in scholarly activity.^{2, 3}

Scholarly activity initiatives can lead to an increase in conference presentations and publications by residents.³

These initiatives can also prepare and encourage residents to participate in scholarly activity throughout their careers.³

Skills needed to participate in scholarly activity, such as communicating and disseminating research, often fall outside medical education curriculum.⁴

Methods

Temple University health sciences librarians developed scholarly activity workshops in conjunction with residency program directors.

Librarians customized the workshop topics and teaching methods to meet the specific needs of residency programs (Anesthesiology, Internal Medicine, and Pulmonary & Critical Care).

Workshops are typically 1-2 hours. Longer workshops include more time for active learning.

2019-2020 Librarian-Taught Scholarly Activity Workshops for Temple Residency Programs

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| Best Practices for Creating Slide Decks | Plagiarism & Ethics in Research |
| Best Practices for Poster Presentations | PubMed Essentials |
| Beyond PubMed: Other Tools You Should Know | Systematic Reviews |
| Evidence-Based Practice & PICO Questions | Writing & Publishing a Case Report |
| Introduction to REDCap | Writing a Data Management Plan |
| Keeping Up with the Biomedical Literature | Writing a Winning Conference Abstract |

Conclusion

With expertise in scholarly communication, health sciences librarians can fill a gap in medical education and help prepare residents for scholarly activity.

Impact

Librarian-led workshops help to create an environment for scholarly activity in residency programs.

The research, writing, and communication skills taught in these workshops prepare residents to contribute to scholarly activity throughout their careers.

Evaluation

Workshop participants receive an evaluation form after each workshop.

In 2019-2020, 68 workshop participants completed evaluation forms:

56% said they would highly recommend the workshop to others

44% said they would recommend the workshop to others

Librarians are using evaluation data to implement changes in workshops (i.e., recording the sessions, incorporating new active learning activities).

References

1. Accreditation Council for Graduate Medical Education. ACGME Common Program Requirements (Residency). <https://www.acgme.org/Portals/0/PFAssets/ProgramRequirements/CPRResidency2019.pdf>. Published June 10, 2018. Accessed September 25, 2019.
2. Wood W, Mccollum J, Kukreja P, et al. Graduate medical education scholarly activities initiatives: a systematic review and meta-analysis. *BMC Med Educ*. 2018;18(1):318.n.
3. Stevenson M, Smigielski E, Naifeh M, Abramson E, Todd C, Li S. Increasing scholarly activity productivity during residency: a systematic review. *Acad Med*. 2017;92(2):250-266.
4. Becker, D., Garth, H., Hollander, R., Klein, F., & Klau, M. (2017). Understanding faculty and trainee needs related to scholarly activity in a large, nonuniversity Graduate Medical Education Program. *The Permanente journal*, 21.