

RESOURCES

Meeting Expectations for Scholarly Activities

1. Schrager S, Sadowski E. Getting More Done: Strategies to Increase Scholarly Productivity. *J Grad Med Educ.* 2016 Feb;8(1):10-3.
2. Simasek M, Ballard SL, Phelps P, Pingul-Ravano R, Kolb NR, Finkelstein A, Weaver-Agostoni J, Takedai T. Meeting Resident Scholarly Activity Requirements Through a Longitudinal Quality Improvement Curriculum. *J Grad Med Educ.* 2015 Mar;7(1):86-90.
3. Blanchard RD, Visintainer PF, Hinchey KT. A Compass for Scholarship: The Scholarly Activity Expectations Rubric. *J Grad Med Educ.* 2014 Dec;6(4):636-8.
4. Kupferman FE, Rapaport S. A model for improving scholarly activity for pediatrics residents. *J Grad Med Educ.* 2013 Dec;5(4):708.
5. Robbins L, Bostrom M, Marx R, Roberts T, Sculco TP. Restructuring the orthopedic resident research curriculum to increase scholarly activity. *J Grad Med Educ.* 2013 Dec;5(4):646-51.
6. Grady EC, Roise A, Barr D, Lynch D, Lee KB, Daskivich T, Dhand A, Butler PD. Defining scholarly activity in graduate medical education. *J Grad Med Educ.* 2012 Dec;4(4):558-61.
7. Penrose LL, Yeomans ER, Praderio C, Prien SD. An incremental approach to improving scholarly activity. *J Grad Med Educ.* 2012 Dec;4(4):496-9.
8. McClain EK, Babbott SF, Tsue TT, Girod DA, Clements D, Gilmer L, Persons D, Unruh G. Use of a structured template to facilitate practice-based learning and improvement projects. *J Grad Med Educ.* 2012 Jun;4(2):215-9.
9. Carek PJ, Dickerson LM, Diaz VA, Steyer TE. Addressing the Scholarly Activity Requirements for Residents: One Program's Solution. *J Grad Med Educ.* 2011 Sep;3(3):379-82.

Education Research – Getting Started

1. Beckman TJ, Cook DA. Developing scholarly projects in education: a primer for medical teachers. *Med Teacher* 2007; 29: 210–218.
2. Bordage G. Conceptual frameworks to illuminate and magnify. *Medical Education* 2009: 43: 312–319.
3. Bordage G, Dawson B. Experimental study design and grant writing in eight steps and 28 questions. *Med Educ.* 2003;37:376-85.
4. Sullivan GM, Simpson D, Cook DA, Delorio NM, Andolsek K, Opas L, Philibert I, Yarris LM (2014) Redefining Quality in Medical Education Research: A Consumer's View. *Journal of Graduate Medical Education*: September 2014, Vol. 6, No. 3, pp. 424-429.
5. Cook DA, Beckman TJ, Bordage G. Quality of reporting of experimental studies in medical education: a systematic review. *Med Educ.* 2007;41:737-45.
6. Sullivan GM. Deconstructing quality in education research. *J Grad Med Educ* 2011; 3: 121-124.
7. Sullivan GM. A primer on the validity of assessment instruments. *J Grad Med Educ* 2011; 3: 119-120.
8. Sullivan GS. Using effect size – or why the p level is not enough, and 10 FAQs about effect size. *J Grad Med Educ* 2012;4(3):279-282, 283-284.
9. Sullivan GM. IRB 101. *J Grad Med Educ* 2011; 3: 5-6.

Education Research – Curriculum Development

1. Green ML. Identifying, appraising, and implementing medical education curricula: a guide for medical educators. *Ann Intern Med* 2001; 135: 889 -896.
2. Kern DE, Thomas, PA, Howard DM, Bass EB. *Curriculum Development for Medical Education: A Six-Step Approach*. Johns Hopkins University Press: 1998.
3. Reznich CB, Anderson WA. A suggested outline for writing curriculum development journal articles: the IDCRD format. *Teach Learn Med* 2001; 12(1): 4-8.

Education Research – Qualitative Approaches

1. Wright S, O'Brien BC, Nimmon L, Law M, Mylopoulos M. Research Design Considerations. *J Grad Med Educ*. 2016 Feb;8(1):97-8.
2. Wong BM, Sullivan, GM. How to Write Up Your Quality Improvement Initiatives for Publication. *J Grad Med Educ*. 2016 May;8(2):128-133.
3. Paradis E, O'Brien B, Nimmon L, Bandiera G, and Martimianakis MA. Design: Selection of Data Collection Methods. *J Grad Med Educ*. 2016 May;8(2): 263-264.
4. Kuper A, Reeves, S, Levinson W. An introduction to reading and appraising qualitative research. *BMJ* 2008;337:404-407.
5. Lingard L, Albert M, Levinson W. Grounded theory, mixed methods, and action research. *BMJ* 2008; 337:459-461.
6. Reeves S, Kuper A, Hodges BD. Qualitative research methodologies: ethnography. *BMJ* 2008;337:512-
7. Sullivan GM, Sargeant J. Qualities of Qualitative Research: Part I. *J Grad Med Educ* 2011;3:449-452.
8. Sargeant J. Qualitative Research Part II: Participants, Analysis, and Quality Assurance. *J Grad Med Educ* 2012;1:1-3.
9. Turgeon J. Appraising qualitative research articles in medicine and medical education. *Med Teach*. 2005;227:71-5.

Education Research – Surveys

1. Ricards G, Magee C, Artino Jr, AR. You can't fix by analysis what you've spoiled by design: developing survey instruments and collecting validity evidence. *J Grad Med Educ* 2012; 4(4): *in press*.

Writing and Reviewing

1. Bordage G. Reasons reviewers reject and accept manuscripts: the strengths and weaknesses in medical education reports. *Acad Med*. 2001; 76: 889–896.
2. Roediger HL. Twelve tips for reviewers. *Assoc Psychol Sci*. Apr 2007. www.psychologicalscience.org/observer/getArticle.cfm?id=2157
3. Sullivan GS. Writing education studies for publication. *J Grad Med Educ* 2012;4(2): 133-137.

On Line Courses for Reviewing Skills_(not specific to medical education)

1. Annals of Emergency Medicine course
<http://www3.us.elsevierhealth.com/extractor/graphics/em-acep/>
2. Cochrane Collaboration sponsored: <http://eyes.cochrane.org/launch-online-course-journal-peer-review>

Websites

1. *BEME* – Best Evidence in Medical Education. International group, like Cochrane Collaboration, that does high quality systematic reviews of education research. Great resource for information and also instruments with validity evidence for your own studies.
<http://www2.warwick.ac.uk/fac/med/beme/>
2. *MedEdPortal* – repository of medical education products, funded by AAMC, for medical, dental, and (adding) other health professions education. These materials are peer-reviewed.
<http://services.aamc.org/30/mededportal/servlet/segment/mededportal/information/>
3. www.biosemantics.org/jane: enter your title or abstract and get suggested journals; usually will generate a lot of suggestions, some quite relevant

Education Journals to Consider

One approach is to Google “Medical Education Journals List” which yields links to University of Ottawa www.med.uottawa.ca/aime/eng/journals.html; *Stony Brook University Libraries* <http://guides.library.stonybrook.edu/content.php?pid=222136&sid=1843907> and *Medical Journals Links* <http://www.medical-journals-links.com/medical-education-health-education-journals.php>

A few journals to get you started.

1. *Academic Medicine* – 12 issues/yr; MD training; targeting faculty/administrators of medical institutions
2. *Advances Health Sciences Education* – 5 issues/yr; all health professions; research linking theory to practice
3. *Annals of Behavioral Science and Medical Education* – targeted to professionals teaching the integration of behavioral science knowledge and skills in medicine
4. *BMC Medical Education* (online) – open access, fee for submitting article; all health professionals
5. *Canadian Medical Education Journal* (online) - open-access; explores new developments and perspectives in the field of medical education from premedical to postgraduate and CME
6. *Journal of Continuing Education in the Health Professions* – 4 issues/yr; innovations in CME
7. *Journal of Graduate Medical Education* – 5 issues/yr (2016)/6 issues/yr (2017 and beyond); GME original research, educational innovations, systematic and narrative reviews, brief reports
8. *Medical Education* – 12 issues/yr; all health professions; research, reviews, ‘really good stuff’
9. *Medical Science Educator* (online) - focuses on teaching the sciences fundamental to modern medicine and health
10. *Medical Teacher* – 12 issues/yr; all health professions; general articles, short articles for teachers
11. *Teaching and Learning in Medicine* – 4 issues/yr; MD training; basic, applied, research methods

Usual Calendar for Education Abstract Submissions

1. *Early January*: abstracts due for the Assoc. for Medical Education in Europe (AMEE) annual conference in Aug.
2. *Late February*: abstracts due for Research in Medical Education (RIME) track of AAMC Annual Meeting in Nov. Full papers that are accepted will automatically be published in Academic Medicine
3. *Early March*: deadline for Medical Education Theme Issue of JAMA published in September.
4. *March*: deadline for submissions for the International Conference on Residency Education (ICRE) in fall.
5. *April*: deadline for Group on Educational Affairs (GEA) presentations at AAMC Annual Meeting in Nov.
6. *September*: abstracts due for Canadian Conference on Medical Education sponsored by the Canadian Association for Medical Education (CAME) in April.
7. *November*: poster deadline for Accreditation Council for Graduate Medical Education (ACGME) meeting, March