Your Educational Scholarly Project: From Idea to Analysis to Publication

Heather McPhillips, Gary Beck, Su-Ting Li, Robin English, Daniel West, Erika Abramson, Tai Lockspeiser, David Turner, Caroline Paul, Jean Petershack, Linda Tewksbury, Jennifer Trainor, Mary Rocha, Marsha Anderson, Patricia Hicks, Janet Serwint, Janet Fischel, Nancy Spector

Selected Medical Education Research References

Introduction to Scholarship


Education Research Design


Writing and Publishing Educational Research

Sullivan GM. Writing Education Studies for Publication. JGME. 2012; 4:133-137

**Qualitative Research**

**Quantitative Analysis**
Windish DM, Diener-West M. A clinician-educator’s roadmap to choosing and interpreting statistical tests. JGIM. 2006; 21: 656-660

**Validity**


**Ethics**


**Guidelines for Assessing Medical Education Scholarship**
Acad Med. 2001; 76(9) – entire issue


**Online Resources**

- AAMC – MedEdPORTAL – peer reviewed publications of medical education teaching and assessment resources
  - [https://www.mededportal.org/](https://www.mededportal.org/)
- BEME – Best Evidence in Medical Education Collaboration – systematic reviews of medical education topics
  - [www.bemecollaboration.org/](http://www.bemecollaboration.org/)
- APPD Share Warehouse – online repository of pediatric educational resources available to APPD members
  - [https://www.appd.org/ed_res/share_warehouse.cfm](https://www.appd.org/ed_res/share_warehouse.cfm)
- Family Medicine Digital Resources Library – similar to MedEdPortal but specific to resources for family medicine
  - [http://www.fmdrl.org](http://www.fmdrl.org)
- MERLOT – Multimedia educational resource for learning and online teaching – similar to MedEdPortal but broader in scope as it is directed towards all of higher education.
  - [http://www.merlot.org/merlot/index.htm](http://www.merlot.org/merlot/index.htm)
- APA Education Guidelines for Pediatric Residency – This website provides a resource for goals and objectives for pediatric residents and can be used in planning rotations locally. The guidelines are currently being reviewed and updated.
  - [http://www.ambpeds.org/education/education_guidelines.cfm](http://www.ambpeds.org/education/education_guidelines.cfm)

**Funding Opportunities**

- APPD Special Projects – small grant opportunity to support projects that further the APPD’s mission. Grants of up to $10,000 awarded annually. Proposals are due in January.
- COMSEP Grant Program – peer reviewed small grant opportunity open to members of COMSEP. The Call for Proposals is disseminated on the COMSEP website (the updated Call comes out in September, grant applications are usually due in December) in which COMSEP provides up to $2500 and the Dept Chair of the approved/funded PI must commit to match the $2500, for a total small grant of $5,000.
- APA Young Investigator Awards – funds projects in medical education (and other fields) up to $10,000 for investigators who are no more than 5 years out from completion of their training. Initial proposals due in October.
**Research Networks**

- **APPD LEARN** – Longitudinal Educational Assessment Research Network – provides infrastructure for multicenter collaborative research projects by and for pediatric residency programs
  - [http://learn.appd.org](http://learn.appd.org)
- **BORN** – Better Outcomes through Research for Newborns – APA network designed to conduct and coordinate research on care of newborns.
  - [http://www.ambpeds.org/research/research_BORN.cfm](http://www.ambpeds.org/research/research_BORN.cfm)
- **PRIS** – Pediatric Research in the Inpatient Setting – APA network designed to conduct multi-site research on the inpatient care of pediatric patients.
  - [http://www.ambpeds.org/research/research_pris.cfm](http://www.ambpeds.org/research/research_pris.cfm)
- **CORNET** – Continuity Research Network – APA national practice-based research network composed of pediatric resident continuity practices.
  - [http://www.ambpeds.org/research/research_CORNET.cfm](http://www.ambpeds.org/research/research_CORNET.cfm)

**Opportunities for additional training**

- **APA Educational Scholars** – Program for APA members that involves obtaining a Certificate of Excellence in Educational Scholarship. The curriculum includes didactic sessions, self-directed learning activities, development of an educator portfolio, and a mentored project. Scholars are expected to complete the full curriculum, including projects, over 3-4 years.
  - [http://www.ambpeds.org/education/education_scholars_program.cfm](http://www.ambpeds.org/education/education_scholars_program.cfm)
- **APA Research Scholars** – Designed to help APA members interested in enhancing their academic credentials to develop research skills and to plan, implement, and write-up a research project
  - [http://www.ambpeds.org/research/APA_ResearchScholarsProgram.cfm](http://www.ambpeds.org/research/APA_ResearchScholarsProgram.cfm)