Note: Since the First Annual APA Conference, the literature in healthcare quality improvement has grown dramatically. This bibliography is necessarily selective and highlights recent additions to the literature, as well as very selected classics with general guidance, and required and suggested reading for the breakout sessions. We have tried to emphasize pediatric examples. Previous bibliographies are still available, both for the conference breakout sessions and the supplementary bibliographies. Suggestions for additions to the bibliography can be shared with members of the Conference Planning Committee.

SECTION I: SOME USEFUL WEBSITES AND LISTSERVS

- Implementation Network e-Newsletter – contact Wynne E. Norton, PhD Assistant Professor University of Alabama at Birmingham wynne.norton@gmail.com
- UK Health Foundation – Inspiring Improvement – evidence reviews, job announcements, and more http://www.health.org.uk/
- Improvement Science Research Network. www.isrn.net
- Training in Dissemination and Implementation Research in Health (TIDIRH) online training site sponsored by NIH. http://tidirh2011.ning.com/
- Australian Institute of Health Innovation http://www.aihi.unsw.edu.au/

SECTION II: JOURNALS THAT PUBLISH QI RESEARCH

- Implementation Science
- International Journal of Healthcare Quality and Safety
- BMJ Quality and Safety
- eGEMS. http://repository.academyhealth.org/egems. A pragmatic approach to building a learning health care system, eGEMS aims to disseminate innovative ideas about how electronic clinical data can be leveraged in comparative effectiveness research, PCOR and quality improvement.

SECTION III: BOOKS

SECTION IV: SPECIAL ISSUES OF JOURNALS, SUMMARIES OF QI PROJECTS

- Forthcoming special issue from *Academic Pediatrics* on Pediatric QI – commentaries, research methods, QI education, site-specific QI. (expected Nov-Dec 2013).


  [http://www.rwjf.org/content/dam/farm/reports/program_results_reports/2012/rwjf73230](http://www.rwjf.org/content/dam/farm/reports/program_results_reports/2012/rwjf73230). This report summarizes the process and outcomes of an array of projects aimed at improving evaluation frameworks, quality improvement measures, and data collection and methodology. The projects were part of an RWJF program costing $1.5 million over 48 months, from August 2007-August 2011.


- Papers from the epistemology of improvement research meeting, UK, April 12-16. *BMJ Quality and Safety*. 2011; 12:(suppl 1). [http://qualitysafety.bmj.com/content/20/Suppl_1](http://qualitysafety.bmj.com/content/20/Suppl_1)


SECTION V: THEORY AND LOGIC MODELS IN HEALTHCARE QUALITY IMPROVEMENT


SECTION V. CONTEXT AND IMPLEMENTATION PROCESSES IN HEALTHCARE QUALITY IMPROVEMENT INTERVENTIONS


• Rycroft-Malone, J., & et al. (2013). The role of evidence, context, and facilitation in an implementation trial: Implications for the development of the PARiHS framework. Implementation Science, 8(28).

• Beehler, G., & et al. (2013). Developing a measure of provider adherence to improve the implementation of behavioral health services in primary care: a Delphi study. Implementation Science, 8(19).


• Green, L.W., Glasgow, R.E. Evaluating the relevance, generalization, and applicability of research: Issues in external validation and translation methodology. Eval Health Prof. 2006; 29:126. http://ehp.sagepub.com/content/29/1/126


SECTION VI. SPECIFIC RESEARCH DESIGNS AND METHODS FOR EVALUATING QUALITY IMPROVEMENT INTERVENTIONS-- FOCUS ON INTERNAL VALIDITY

• Statistical Process Control (SPC)

- Interrupted Time Series


- Stepped Wedge

- Kotz et al., Use of the stepped wedge design cannot be recommended: a critical appraisal and comparison with the classic cluster randomized controlled trial design. 2012 Journal of Clinical Epidemiology 65:1249-1252.

- Mdege ND, Mana M, Taylor CA, Torgeron DJ. Systematic review of stepped wedge cluster randomized trials shows that design is particularly used to evaluate intervention during routine implementation. Journal of Clinical Epidemiology. 2011; 64:936-948.


- Realist Evaluation


- Cluster Randomized Controlled Trials


- James W. Stout, MD, MPH; Karen Smith, MD; Chuan Zhou, PhD; Cam Solomon, PhD; Allen J. Dozor, MD; Michelle M. Garrison, PhD; Rita Mangione-Smith, MD, MPH. Learning


• **Multiple case study approach**

• Randomized controlled trials with health care professionals as unit of intervention

• Cluster, stepped non-randomised study

SECTION VII. FORMATIVE RESEARCH AND DISCOVERY CAPACITY


SECTION VIII. MEASURING OUTCOMES OF QI RESEARCH


• The Health Foundation. Lining up: How is harm measured? London, England: The Health Foundation; February 2013.


• Chamberlain, J., Shaw, K., Lillis, K., & et al. (2013). Creating an infrastructure for safety event reporting and analysis in a multicenter pediatric emergency department network. Pediatr Emerg Care, 29, 125-130.

SECTION IX. STATISTICAL ISSUES OF NOTE

• Oakes M. Effect identification in comparative effectiveness research. eGEMS 1(1). http://repository.academyhealth.org/egems. Makes points appliable to observational research beyond CER.

• Thomas L, Peterson ED. The value of statistical analysis plans in observational research. JAMA 2012 308(8):773-4.

• Beachell, E., Monda, M. A primer for enumerative vs. analytic studies: Using caution

SECTION X. REVIEWS OF QI INTERVENTION STUDIES


SECTION XI. OTHER

- Shojania, K., & Thomas, E. (2013). Trends in adverse events over time: why are we not improving? *Quality and Safety in Health Care*, 22, 273-277


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ii [http://www.ambpeds.org/specialInterestGroups/sig_quality_improvement.cfm](http://www.ambpeds.org/specialInterestGroups/sig_quality_improvement.cfm)
Note: Inclusion of a publication under a specific study design does not mean that we evaluated whether the study met all desirable characteristics of the study design. We relied on the description in the study abstract.