



## **Required & Suggested Readings** **for Breakout Sessions**

### **Learning about Safety from the Diverse Voices of our Patients and Families:** **Naomi Bardach**

#### **Required:**

1. Bardach NS, Stotts JR, Fiore DM, et al. Family Input for Quality and Safety (FIQS): Using mobile technology for in-hospital reporting from families and patients. *J Hosp Med.* Jun 2022;17(6):456-465. doi:10.1002/jhm.2777 (you can read abstract and look at Tables)

Hyperlink: <https://pubmed.ncbi.nlm.nih.gov/35535946/>  
[Family Input for Quality and Safety \(FIQS\): Using mobile technology for in-hospital reporting from families and patients](https://pubmed.ncbi.nlm.nih.gov/35535946/)

2. Khan A, Baird J, Kelly MM, et al. Family Safety Reporting in Medically Complex Children: Parent, Staff, and Leader Perspectives. *Pediatrics.* Jun 1 2022;149(6)doi:10.1542/peds.2021-053913.

Hyperlink: <https://pubmed.ncbi.nlm.nih.gov/35615941/>  
[Family Safety Reporting in Medically Complex Children: Parent, Staff, and Leader Perspectives](https://pubmed.ncbi.nlm.nih.gov/35615941/)

#### **Optional:**

3. Parente VM, Nagy G, Pollak KI. Patient- and Family-Centered Hospital Care-The Need for Structural Humility. *JAMA pediatrics.* Apr 3 2023;doi:10.1001/jamapediatrics.2023.0269

Hyperlink: <https://pubmed.ncbi.nlm.nih.gov/37010842/>  
[Patient- and Family-Centered Hospital Care-The Need for Structural Humility](https://pubmed.ncbi.nlm.nih.gov/37010842/)

### **Diagnostic Errors:** **Michael Rinke**

#### **Required:**

- Marshall T, Rinke ML, Olson APJ, and Brady P. Diagnostic Error in Pediatrics: A Narrative Review. *Pediatrics.* 2022 March. [Epub]. PMID: 35230434.

Hyperlink: <https://publications.aap.org/pediatrics/article/149/Supplement%203/e2020045948D/184823/Diag>

[Diagnostic Error in Pediatrics: A Narrative Review](#)

**Optional:**

National Academies of Sciences, Engineering, and Medicine. 2015. Improving Diagnosis in Health Care. Washington, DC: The National Academies Press.

Hyperlink: <https://doi.org/10.17226/21794>

**The Role of Social Determinants in Centering Equity in QI Research:  
Mattina Davenport**

**Required:**

Chisolm, D. J. (2017). Quality in Context: The Role of Social Determinants of Health in Pediatric Quality Improvement. *Pediatric Quality & Safety*, 2(5).

Hyperlink: [https://www.academicpeds.org/wp-content/uploads/gravity\\_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/04/Chisolm-et-al-2017.pdf](https://www.academicpeds.org/wp-content/uploads/gravity_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/04/Chisolm-et-al-2017.pdf)

Dolce, M., Keedy, H., Chavez, L., Boch, S., Zaim, H., Dias, B., & Chisolm, D. (2022). Implementing an EMR-based Health-related Social Needs Screen in a Pediatric Hospital System. *Pediatric Quality & Safety*, 7(1).

Hyperlink: [https://www.academicpeds.org/wp-content/uploads/gravity\\_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/04/Dolce-et-al-2022.pdf](https://www.academicpeds.org/wp-content/uploads/gravity_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/04/Dolce-et-al-2022.pdf)

**Be the Change: Incorporating Change Management into your QI Study Design for Sustainable Results:  
Katherine Pumphrey**

**Required:**

Kotter, J. (2007). Leading Change Why Transformation Efforts Fail. *Harvard Business Review*

Hyperlink: [https://www.academicpeds.org/wp-content/uploads/gravity\\_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/Leading-Change\\_Why-Transformation-Efforts-Fail.pdf](https://www.academicpeds.org/wp-content/uploads/gravity_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/Leading-Change_Why-Transformation-Efforts-Fail.pdf)

**Optional:**

Musselwhite, C., & Plouffe, T. (2012). What's Your Influencing Style? *Harvard Business Review*.

Hyperlink: [https://www.academicpeds.org/wp-content/uploads/gravity\\_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/Whats-Your-Influencing-Style.pdf](https://www.academicpeds.org/wp-content/uploads/gravity_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/Whats-Your-Influencing-Style.pdf)

## **Health Equity and Quality Improvement: Data-Driven Strategies and Ethical Considerations:**

**Casey Lion**

### **Optional:**

Lion, K. C., & Raphael, J. L. (2015). Partnering health disparities research with quality improvement science in pediatrics. *Pediatrics*, 135(2), 354–361. <https://doi.org/10.1542/peds.2014-2982>

Hyperlink: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4306804/>

Lion, K. C., Faro, E. Z., & Coker, T. R. (2022). All Quality Improvement Is Health Equity Work: Designing Improvement to Reduce Disparities. *Pediatrics*, 149(Suppl 3), e2020045948E.

Hyperlink: <https://doi.org/10.1542/peds.2020-045948E>

[All Quality Improvement Is Health Equity Work: Designing Improvement to Reduce Disparities](#)

## **Statistical Process Control for Quality Improvement: Challenging Cases and How to Approach Them:**

**Heather Kaplan, Munish Gupta, Michael Posencheg**

### **Optional:**

(1) Gupta M, Kaplan HC. Using Statistical Process Control to Drive Improvement in Neonatal Care: A Practical Introduction to Control Charts. *Clin Perinatol*. 2017;44(3):627-44.

This reading will help ensure an appropriate foundation for the more advanced workshop

(2) Wheeler DJ. So you want to use a p-chart. *Quality Digest Daily*. October 4, 2021. Manuscript 389

(3) Borckardt JJ, Nash MR, Hardesty S, Herbert J, Cooney H, Pelic C. How unusual are the “unusual events” detected by control chart techniques in healthcare settings? *J Healthc Qual*. 2006;28(4):4-9.

(4) Neuburger J, Walker K, Sherlaw-Johnson C, van der Meulen J, Cromwell DA. Comparison of control charts for monitoring clinical performance using binary data. *BMJ Qual Saf*. 2017;26(11):919-28.

## **Interrupted Time Series:**

**Rob Penfold**

### **Required:**

Penfold, R. B., & Zhang, F. (2013). Use of interrupted time series analysis in evaluating health care quality improvements. *Acad Pediatr*, 13(6 Suppl), S38-44.

Hyperlink: [https://www.academicpeds.org/wp-content/uploads/gravity\\_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/2013-Penfold-Zhang-Use-of-ITS-in-QI.pdf](https://www.academicpeds.org/wp-content/uploads/gravity_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/2013-Penfold-Zhang-Use-of-ITS-in-QI.pdf)

Shadish, W., Cook, T., & Campbell, D. (2002). Experimental and Quasi-Experimental Designs for Generalized Causal Inference. Houghton Mifflin Company.

Hyperlink: [https://www.academicped.org/wp-content/uploads/gravity\\_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/Shadish-Cook-Cambell\\_2002\\_-ITS\\_Designs\\_OCR.pdf](https://www.academicped.org/wp-content/uploads/gravity_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/Shadish-Cook-Cambell_2002_-ITS_Designs_OCR.pdf)

### **Optional:**

Hacker, K., Penfold, R., Zhang, F., & Soumerai, S. B. (2012). Impact of electronic health record transition on behavioral health screening in a large pediatric practice. Psychiatr Serv, 63(3), 256-261.

Hyperlink: [https://www.academicped.org/wp-content/uploads/gravity\\_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/2012-Hacker-Penfold-et-al-impact-of-EHRs.pdf](https://www.academicped.org/wp-content/uploads/gravity_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/2012-Hacker-Penfold-et-al-impact-of-EHRs.pdf)

Linden, A. (2015). Conducting interrupted time-series analysis for single- and multiple-group comparisons. Stata Journal, 15(2), 480-500.

Hyperlink: [https://www.academicped.org/wp-content/uploads/gravity\\_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/Linden-2015-Conducting-ITS-in-STATA.pdf](https://www.academicped.org/wp-content/uploads/gravity_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/Linden-2015-Conducting-ITS-in-STATA.pdf)

## **Geospatial Analytics: Bringing Place to Pediatric Research, QI, and Population Situational Awareness:**

**Andrew F. Beck**

### **Optional:**

Beck, AF, Sandel, MT, Ryan, PH, & Kahn, RS. (2017). Mapping Neighborhood Health Geomarkers to Clinical Care Decisions to Promote Equity in Child Health. Health Affairs (Millwood), 36(6), 999-1005. doi:10.1377/hlthaff.2016.1425; PMID:28583957; PMC5813285

Hyperlink: [https://www.academicped.org/wp-content/uploads/gravity\\_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/HA-Geomarker.pdf](https://www.academicped.org/wp-content/uploads/gravity_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/HA-Geomarker.pdf)

Beck, AF, Anderson, KL, Rich, K, Taylor, SC, Iyer, SB, Kotagal, UR, & Kahn, RS. (2019). Cooling the Hot Spots Where Child Hospitalization Rates Are High: A Neighborhood Approach to Population Health. Health Affairs (Millwood), 38(9), 1433-1441. doi:10.1377/hlthaff.2018.05496; PMID:31479350

Hyperlink: [https://www.academicped.org/wp-content/uploads/gravity\\_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/HA-IPBD-QI.pdf](https://www.academicped.org/wp-content/uploads/gravity_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/HA-IPBD-QI.pdf)

Trinidad S, Brokamp C, Mor Huertas A, Beck AF, Riley C, Rasnik E, Falcone R, Kotagal M. Use of Area Based Socioeconomic Deprivation Indices: A Scoping Review and Qualitative Analysis (2022). Health Affairs, Dec;41(12):1804-1811. doi: 10.1377/hlthaff.2022.00482. PMID: 36469826.

Hyperlink: [https://www.academicped.org/wp-content/uploads/gravity\\_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/Dep-Index-hlthaff.2022.00482.pdf](https://www.academicped.org/wp-content/uploads/gravity_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/Dep-Index-hlthaff.2022.00482.pdf)

<https://degauss.org/>

Krager MK, Puls HT, Bettenhausen JL, Hall M, Thurm C, Plencer LM, Markham JL, Noelke C, Beck AF (2021). The Child Opportunity Index 2.0 and Hospitalizations for Ambulatory Care Sensitive Conditions. *Pediatrics*, 148(2):e2020032755. doi: 10.1542/peds.2020-032755. PMID: 34215676

Hyperlink: [https://www.academicpeds.org/wp-content/uploads/gravity\\_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/Krager-COI.pdf](https://www.academicpeds.org/wp-content/uploads/gravity_forms/66-cffe81f82d0c22a20931a4634aea2e41/2023/03/Krager-COI.pdf)

## **I like it because I made it -Using THEORY to Improve Generalizability and Get your QI published!:**

**Matthew Garber**

### **Optional:**

There is no pre-reading, but we would love to hear about your QI projects in any stage of completion (from contemplation through pre-publication).

Please send a brief description of your project to:

Matthew.Garber@jax.ufl.edu with APA QI Project in the subject line.

Please tell us if you do not want us to identify you/your hospital with this project if we use it during the presentation.

## **Introduction to Qualitative and Mixed Methods in Implementation and QI Research: Clarissa Hsu, Sarah Ronis**

### **Required:**

1. Sofaer S. "Qualitative methods: what are they and why use them?" *Health Serv Res*. 1999 Dec;34(5 Pt 2):1101-18.
2. Curry, L. A., Nembhard, I. M., & Bradley, E. H. (2009). Qualitative and mixed methods provide unique contributions to outcomes research. *Circulation*, 119(10), 1442-1452

Hyperlink: <http://circ.ahajournals.org/content/119/10/1442.short>

### **Optional:**

1. Fetters MD, Curry LA, Creswell JW. "Achieving Integration in Mixed Methods Designs – Principles and Practices". *Health Serv Res*. 2013 Dec 1;48(6 Pt 2):2134-56.

Hyperlink: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4097839/>

2. Tong A, Sainsbury P, Craig J. "Consolidated criteria for reporting qualitative research (COREQ): a 32-item checklist for interviews and focus groups". *Int J Qual Health Care*. 2007 19(6): p. 349-57.

## **Why Should You Care About Implementation Science? Advancing Quality Improvement with Implementation Science:**

**Amy Tyler**

### **Optional:**

Bauer, M.S., Damschroder, L., Hagedorn, H. et al. An introduction to implementation science for the non-specialist. *BMC Psychol* 3, 32 (2015). <https://doi.org/10.1186/s40359-015-0089-9>

Hyperlink: <https://bmcpyschology.biomedcentral.com/articles/10.1186/s40359-015-0089-9#citeas>

Tyler, A., Glasgow, R. Implementing Improvements: Opportunities to Integrate Quality Improvement and Implementation Science. *Hosp Pediatr* May 2021; 11 (5): 536–545.

Hyperlink: <https://publications.aap.org/hospitalpediatrics/article/11/5/536/180751/Implementing-Improvements-Opportunities-to?autologincheck=redirected>

## **Managing Teams, Meetings, and Change Concrete tools to help you achieve your Goals: Chisom Agbim:**

### **Optional:**

Silver SA, Harel Z, McQuillan R, Weizman AV, Thomas A, Chertow GM, Nesrallah G, Bell CM, Chan CT. How to Begin a Quality Improvement Project. *Clin J Am Soc Nephrol*. 2016 May 6;11(5):893-900. doi: 10.2215/CJN.11491015. Epub 2016 Mar 25. PMID: 27016497; PMCID: PMC4858490.

D. Pink. *Drive: The Surprising Truth About What Motivates Us*, 2009. RiverHead Hardcover

Phipps-Taylor M, Shortell SM. More Than Money: Motivating Physician Behavior Change in Accountable Care Organizations. *Milbank Q*. 2016 Dec;94(4):832-861. doi: 10.1111/1468-0009.12230. PMID: 27995705; PMCID: PMC5192815.

Herzer KR, Pronovost PJ. Physician Motivation: Listening to What Pay-for-Performance Programs and Quality Improvement Collaboratives Are Telling Us. *Jt Comm J Qual Patient Saf*. 2015 Nov;41(11):522-8. doi: 10.1016/s1553-7250(15)41069-4. PMID: 26484685; PMCID: PMC5099521.

Shlomo Ben Hur, Nik Kinley. Intrinsic motivation: The missing piece in changing employee behavior. International Institute for Management Development. May 2016.

Hyperlink: <https://www.imd.org/research-knowledge/articles/intrinsic-motivation-the-missing-piece-in-changing-employee-behavior/>

RSA ANIMATE: *Drive: The surprising truth about what motivates us*.

Hyperlink: <https://www.youtube.com/watch?v=u6XAPnuFjJc&t=27s>