

Session Title

QI and Clinical Research: Significance, Sustainability, Sway, and Scholarship

Speakers:

Brooke Wilson, PT, DPT, CCS

Traci Betts, PT, DPT, CCS

Session Description:

This presentation will address the steps to initiate an institutional quality improvement project and how to develop scholarly work. The course will address how to identify significant projects that are impactful for clinical care as well as meaningful at an institutional level. We will address how to achieve influence and buy-in from all parties involved. We will educate on a variety of influencing strategies. We plan to include a communication activity to learn communication profiles for improved success with influence and buy-in. This course will also cover strategies and techniques to make your project or your change sustainable for long-term use. We will include examples from 4 quality improvement projects we have successfully implemented within our institution over the last 5 years. Lastly, we will discuss how to turn your quality improvement project into scholarly work. We will include tips and applicable takeaways to give the learner confidence and direction to initiate scholarly work.

Objectives:

1. Provide a framework to identify projects that add value to a wide group of stakeholders.
2. Utilize tips and tricks to establish long-term sustainability.
3. Evaluate proven strategies of communication and behavior change that influence team dynamics and cooperation.
4. Analyze system requirements and effective tactics to pursue publications and other scholarly works.

What will be the clinician/educator takeaways/skills that can be utilized immediately?

1. How to identify meaningful projects that benefit patients and the institution involved.
2. Identify methods of sustainability that can be adapted to the learner's respective project and facility.
3. Understanding communication profiles and strategies to successfully collaborate with team members and shareholders.
4. Discover tangible steps to create scholarly products from clinical practice.

Speaker Bios:

Brooke Wilson received her Doctor of Physical Therapy from UT Southwestern in 2016 and completed a cardiovascular and pulmonary residency at UTSW in 2018. She has been working in acute care for 6 years and is an active mentor and coordinator of the UTSW CVP residency

program. She is now a faculty associate at UTSW School of Health Professions Physical Therapy program. Throughout her career she has received specialized training in leadership development and systematic quality improvement projects and has led multiple quality improvement projects for Clements University Hospital.

Traci Tiemann Betts received her Doctor of Physical Therapy from UT Southwestern in 2010 and completed a Cardiovascular and Pulmonary PT residency at Duke University in 2013. She has practiced clinically for over 13 years and served as an Assistant Professor since 2016. She is the Program Director of the UT Southwestern Cardiovascular and Pulmonary PT Residency with a 40% appointment in Clinical Research for the UTSW CardioMetabolic Research Unit in the Division of Cardiology. She is also a Ph.D student in Applied Clinical Research.

References:

1. Owen, J.E., Mahatmya, D., Carter, R. (2017). Dominance, Influence, Steadiness, and Conscientiousness (DISC) Assessment Tool. In: Zeigler-Hill, V., Shackelford, T. (eds) Encyclopedia of Personality and Individual Differences. Springer, Cham. https://doi.org/10.1007/978-3-319-28099-8_25-1
2. Rolnitsky, A., & Bell, C. M. (2023). Sustaining improvement initiatives: Challenges and potential tools. *Clinics in Perinatology*, 50(2), 307–320. <https://doi.org/10.1016/j.clp.2023.01.001>
3. Stelson, P., Hille, J., Eseonu, C., & Doolen, T. (2017). What drives continuous improvement project success in healthcare? *International Journal of Health Care Quality Assurance*, 30(1), 43-57. <https://doi.org/10.1108/IJHCQA-03-2016-0035>
4. Faiman B. Quality Improvement Projects and Clinical Research Studies. *J Adv Pract Oncol*. 2021 May;12(4):360-361. doi: 10.6004/jadpro.2021.12.4.1. Epub 2021 May 1. PMID: 34123473; PMCID: PMC8163249.
5. Baird R. Systematic reviews and meta-analytic techniques. *Semin Pediatr Surg*. 2018 Dec;27(6):338-344. doi: 10.1053/j.sempedsurg.2018.10.009. Epub 2018 Oct 25. PMID: 30473037.
6. Korstjens I, Moser A. Series: Practical guidance to qualitative research. Part 2: Context, research questions and designs. *Eur J Gen Pract*. 2017 Dec;23(1):274-279. doi: 10.1080/13814788.2017.1375090. PMID: 29185826; PMCID: PMC8816399.
7. Moser A, Korstjens I. Series: Practical guidance to qualitative research. Part 3: Sampling, data collection and analysis. *Eur J Gen Pract*. 2018 Dec;24(1):9-18. doi: 10.1080/13814788.2017.1375091. Epub 2017 Dec 4. PMID:

29199486; PMCID: PMC5774281.

8. Sessler DI, Imrey PB. Clinical Research Methodology 1: Study Designs and Methodologic Sources of Error. *Anesth Analg*. 2015