**Simulation, Teaching, and Academic Research (STAR) Center**

**Mini Simulation Users Network (SUN)**

**October 1, 2024**

**Category 1 CMEs and prehospital continuing education credit hours will be offered.**

8:00 am to 8:30 am **Continental Breakfast, Registration, and Optional Tour**

8:30 am to 8:40 am **Welcome and Introductions**

Dr. Brian Parker, Chief Medical and Quality Officer- Allegheny Health Network, Dona Wilfong DNP RN-VP Simulation Education at Allegheny Health Network, Melissa Wanker - Laerdal Medical Corp

8:40 am to 9:40 am **Can students think and reason? Prove it!**

Brittany Tomsic RN, MSN, Aleksandra Stojanovic RN, MSN – Clinical Nurse Educators, West Penn Hospital School of Nursing

* Understand how to use one-on-one simulation to improve student ability to think and reason.
* Improve student outcomes including predictor scores and NCLEX-RN pass rates.
* Identify at risk students to remediate.

9:45 am to 10:45 am Breakout Session #1

10:45 am to 10:55 am Break

10:55 am to 11:55 am **Workplace Violence Prevention: Use of Simulation in**

**Multidisciplinary Staff Education –** Jamie Malone DNP, RN, NPD-BC, Ann Curtis MS

* Describe the best practices of incorporating simulation in workplace violence prevention education.
* Explain how to incorporate simulation into workplace violence education.
* Summarize the benefits of simulation-based workplace violence education for the multidisciplinary healthcare team.

11:55 am to 12:30 pm Lunch/Networking

12:30 pm to 1:30 pm Breakout Session #2

1:35 pm to 2:35 pm Breakout Session #3

2:35 pm to 3:00 pm Wrap up, Closing remarks, and Evaluations.

**Breakout Sessions:**

* **How to Debrief Experienced Clinicians** – Dr. Dave Matteson (credentials)
	+ Review general best practice debriefing strategies for simulation-based education.
	+ Discuss techniques and strategies for debriefing more senior or more experienced learners.
	+ Incorporate emotional intelligence skills into debriefing sessions.
* **Open-Heart Arrest: A Collaborative Interdisciplinary Simulation** – Kristoffer Anderson MSN, RN, CCRN, PHRN, Stephanie Bailey DNP, RN, CFRN, EMT-P, Jordan King, MSN, RN, Molly McKelvey, BSN, RN, CTICU
	+ Discuss the significance of multi-disciplinary collaboration during an emergent procedure to promote patient and staff safety.
	+ Provide clarity to the roles and responsibilities of the integrative disciplinary scenario.
	+ Understand the importance of creating and maintaining a sterile environment outside of the operating room during and invasive, emergent procedure
* **Simulation Programming 101** – Dawn Cicchini, BS, CHSOS

 Learn to translate a written scenario into a simulator’s computer program.

* + Identify components of scenario programming.
	+ Set and adjust vital signs to simulate clinical responses.
	+ Recognize the difference between Scenario and Theme design.
* **Under the Hood- Simulation Maintenance** – Greg Lowe/Laerdal
	+ Describe basic troubleshooting of Laerdal manikin features.
	+ Locate tubing associated with airway functions.
	+ Explain how to replace breathing bladders.
* **Panel – Quality Improvement Results for In Situ simulation project – Therese Justus, Jim McKinnon**
	+ Define the process for collecting metrics within In-Situ simulations.
	+ Discuss the process for disseminating information related to In-Situ simulations.
	+ Enhance collaboration between the quality and simulation teams to optimize in-Situ simulation processes.

Poster -

Post-Partum Hemorrhage – Emily Hempel, MSN, RN

Transgender – STAR

Other posters to display……