

2026-27 GRADUATE MEDICAL EDUCATION (GME) SCHOLARLY ACTIVITIES LECTURE SERIES

(All lectures will be held via TEAMS)

DATE	TIME	TOPIC	PRESENTERS
9/17/26	12:00 – 1:00pm	Overview of Quality Improvement (QI) and Research • <i>Define “QI” and “research”, with key similarities and differences.</i> • <i>Review value-based purchasing and how it ties into QI implementation</i> • <i>Discuss GME residency and fellowship requirements for QI projects.</i> • <i>Discuss how to use QI processes to create research studies.</i> • <i>Discuss available resources at SLUHN to assist with QI and research.</i>	Parampreet Kaur, MD Jill Stoltzfus, PhD Diana Tarone, MSN, MBA, RN
10/15/26	12:00 – 1:00pm	Journal Club 101: How to Select a High-Quality Research Study for Review • <i>Review key research and statistical terms/concepts that are commonly found in healthcare research studies.</i> • <i>Discuss what to look for (and watch out for) when reading healthcare research.</i>	Steve Kareha, DPT, ATC, PhD Jill Stoltzfus, PhD

DATE	TIME	TOPIC	PRESENTERS
11/19/26	12:00 – 1:00pm	Project Planning & Concept Development: The Beginning of the “Conveyer Belt” • <i>Explore how to come up with a good topic to study (including developing appropriate research questions, study aims, and study objectives).</i> • <i>Review the main components of hypothesis testing when conducting research (including the importance of creating objective and measurable outcomes).</i> • <i>Discuss in-house resources for project planning/development and eventual manuscript writing: Slicer Dicer (tools to extract data for research or QI projects) and EndNote (for streamlined scholarly writing).</i>	Jill Stoltzfus, PhD
NO DECEMBER LECTURE			

DATE	TIME	TOPIC	PRESENTERS
1/21/27	12:00 – 1:00pm	Basics of Study Design: Quantitative & Qualitative Research in Medicine • <i>Examine the difference between qualitative and quantitative research.</i> • <i>Review quantitative research study designs/methodologies (purpose, clinical examples, strengths/weaknesses).</i> • <i>Discuss common qualitative methodologies for healthcare settings</i> • <i>Discuss data distributions (types, how to describe, role of sampling) and how they impact quantitative research.</i>	Parampreet Kaur, MD Jill Stoltzfus, PhD
2/18/27	12:00 – 1:00pm	Statistical Methodology for Research and QI • <i>Examine key considerations when deciding which statistical test to use (e.g., sampling distribution, type of data).</i> • <i>Discuss common statistical tests and techniques in healthcare research with clinical examples.</i> • <i>Discuss QI statistical methodology.</i>	Parampreet Kaur, MD Jill Stoltzfus, PhD

DATE	TIME	TOPIC	PRESENTERS
3/18/27	12:00 – 1:00pm	How to Write a Project Manuscript for Maximum Gain (with Minimal Pain) • <i>Discuss sources of manuscript-writing “pain” versus “gain”.</i> • <i>Review the key components of research and quality improvement (QI) manuscripts, with examples from peer-reviewed journals.</i> • <i>Highlight databases to use when conducting literature reviews.</i> • <i>Identify the factors to consider in determining authorship of a manuscript (versus acknowledgement).</i> • <i>Explore the role of AI in manuscript writing.</i>	Parampreet Kaur, MD Jill Stoltzfus, PhD
4/15/27	12:00 – 1:00pm	Pain Relief: New Avenues in Neuroscience Research • <i>Understand how pain works (including brain processes involved in promoting and maintaining pain).</i> • <i>Differentially diagnose types of pain.</i> • <i>Determine how to approach and treat different types of pain.</i>	Steve Kareha, DPT, ATC, PhD Jill Stoltzfus, PhD