

**2021-22 GRADUATE MEDICAL EDUCATION (GME)
SCHOLARLY ACTIVITIES LECTURE SERIES**

(All lectures will be held via TEAMS)

DATE	TIME	TOPIC	PRESENTERS
9/16/21	12:00 – 1:00pm	<p align="center">Overview of Quality Improvement (QI) and Research</p> <ul style="list-style-type: none"> • <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> 	<p>Parampreet Kaur, MD</p> <p>Jill Stoltzfus, PhD</p> <p>Diana Tarone, MSN, MBA, RN</p>
10/21/21	12:00 – 1:00pm	<p align="center">Journal Club 101:</p> <p align="center">How to Select a High-Quality Research Study for Review</p> <ul style="list-style-type: none"> • <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> 	<p>Steve Kareha, DPT, PhD</p> <p>Jill Stoltzfus, PhD</p>

DATE	TIME	TOPIC	PRESENTERS
11/18/21	12:00 – 1:00pm	<p data-bbox="638 263 1507 328">Asking the Right Questions: From Project Planning to Concept Development</p> <ul data-bbox="638 360 1545 889" style="list-style-type: none"> <li data-bbox="638 360 1545 425">• <i>Explore how to come up with a good topic to study (including how to turn a topic into a research or QI project).</i> <li data-bbox="638 467 1545 571">• <i>Review the four main steps of hypothesis testing when conducting research (including the importance of creating objective and measurable outcomes).</i> <li data-bbox="638 613 1545 678">• <i>Identify the difference between Type I and II error when conducting research.</i> <li data-bbox="638 721 1545 786">• <i>Discuss the meaning of “statistical significance” and its relationship to clinical relevance when conducting research.</i> <li data-bbox="638 824 1545 889">• <i>Discuss the importance of confidence intervals when conducting research.</i> 	Jill Stoltzfus, PhD
NO DECEMBER LECTURE			
1/20/22	12:00 – 1:00pm	<p data-bbox="638 1058 1507 1091">Basics of Study Design: Qualitative Research in Medicine</p> <ul data-bbox="638 1123 1520 1367" style="list-style-type: none"> <li data-bbox="638 1123 1520 1156">• <i>Discuss the importance of qualitative research (QR) in medicine</i> <li data-bbox="638 1188 1520 1253">• <i>Review common (and less familiar) QR methodologies used in medical research</i> <li data-bbox="638 1286 1520 1367">• <i>Examine ways to integrate QR to develop mixed-methods research</i> 	TBD

DATE	TIME	TOPIC	PRESENTERS
2/17/22	12:00 – 1:00pm	<p>Basics of Study Design: Quantitative Research in Medicine</p> <ul style="list-style-type: none"> • <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 SLUHN resources for conducting quantitative and qualitative research.</i> 	<p>Parampreet Kaur, MD</p> <p>Jill Stoltzfus, PhD</p>
3/17/22	12:00 – 1:00pm	<p>Statistical Methodology for Research and QI</p> <ul style="list-style-type: none"> • <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> 	<p>Parampreet Kaur, MD</p> <p>Jill Stoltzfus, PhD</p>

DATE	TIME	TOPIC	PRESENTERS
4/21/22	12:00 – 1:00pm	<p data-bbox="701 263 1444 360" style="text-align: center;">How to Write a Project Manuscript for Maximum Gain (with Minimal Pain)</p> <ul data-bbox="646 396 1545 704" style="list-style-type: none"> <li data-bbox="646 396 1453 428">• <i>Discuss sources of manuscript-writing “pain” versus “gain”.</i> <li data-bbox="646 464 1545 529">• <i>Review the key components of research and quality improvement (QI) manuscripts, with examples from peer-reviewed journals.</i> <li data-bbox="646 565 1503 597">• <i>Highlight databases to use when conducting literature reviews.</i> <li data-bbox="646 633 1482 704">• <i>Identify the factors to consider in determining authorship of a manuscript (versus acknowledgement).</i> 	<p data-bbox="1633 263 1864 295">Jill Stoltzfus, PhD</p> <p data-bbox="1604 328 1894 360">Parampreet Kaur, MD</p>
5/19/22	12:00 – 1:00pm	<p data-bbox="634 808 1516 841">Mind/Body Medicine: Historical Roots and Current Applications</p> <ul data-bbox="646 876 1545 1117" style="list-style-type: none"> <li data-bbox="646 876 1243 909">• <i>Review the history of mind-body medicine.</i> <li data-bbox="646 945 1440 1010">• <i>Examine recent research evidence supporting mind-body medicine (including the “placebo effect”).</i> <li data-bbox="646 1045 1545 1117">• <i>Discuss practical application of mind-body medicine in healthcare settings.</i> 	<p data-bbox="1633 808 1864 841">Jill Stoltzfus, PhD</p>