

**2020-21 GRADUATE MEDICAL EDUCATION (GME)  
SCHOLARLY ACTIVITIES LECTURE SERIES**

**(All lectures will be held via TEAMS)**

DATE	TIME	TOPIC	PRESENTERS
9/17/20	12:00 – 1:00pm	<p align="center"><b>Overview of Quality Improvement (QI) and Research</b></p> <ul style="list-style-type: none"> <li>• <i>Define “QI” and “research”, with key similarities and differences.</i></li> <li>• <i>Review value-based purchasing and how it ties into QI implementation</i></li> <li>• <i>Discuss GME residency and fellowship requirements for QI projects.</i></li> <li>• <i>Discuss how to use QI processes to create research studies.</i></li> <li>• <i>Discuss available resources at SLUHN to assist with QI and research.</i></li> </ul>	<p>Parampreet Kaur, MD</p> <p>Jill Stoltzfus, PhD</p> <p>Diana Tarone, MSN, MBA, RN</p>
10/15/20	12:00 – 1:00pm	<p align="center"><b>Journal Club 101:</b></p> <p align="center"><b>How to Select a High-Quality Research Study for Review</b></p> <ul style="list-style-type: none"> <li>• <i>Review key research and statistical terms/concepts that are commonly found in healthcare research studies.</i></li> <li>• <i>Discuss what to look for (and watch out for) when reading healthcare research.</i></li> </ul>	<p>Steve Kareha, DPT, PhD</p> <p>Jill Stoltzfus, PhD</p>

DATE	TIME	TOPIC	PRESENTERS
11/19/20	12:00 – 1:00pm	<p data-bbox="638 263 1507 328"><b>Asking the Right Questions: From Project Planning to Concept Development</b></p> <ul data-bbox="638 360 1549 889" style="list-style-type: none"> <li data-bbox="638 360 1549 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> <li data-bbox="638 467 1549 571">• <i>Review the four main steps of hypothesis testing when conducting research (including the importance of creating objective and measurable outcomes).</i></li> <li data-bbox="638 613 1549 678">• <i>Identify the difference between Type I and II error when conducting research.</i></li> <li data-bbox="638 721 1549 786">• <i>Discuss the meaning of “statistical significance” and its relationship to clinical relevance when conducting research.</i></li> <li data-bbox="638 824 1549 889">• <i>Discuss the importance of confidence intervals when conducting research.</i></li> </ul>	Jill Stoltzfus, PhD
<b>NO DECEMBER LECTURE</b>			
1/21/21	12:00 – 1:00pm	<p data-bbox="638 1058 1474 1091"><b>Basics of Study Design: Qualitative Research in Medicine</b></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> <li data-bbox="638 1188 1520 1253">• <i>Review common (and less familiar) QR methodologies used in medical research</i></li> <li data-bbox="638 1286 1520 1367">• <i>Examine ways to integrate QR to develop mixed-methods research</i></li> </ul>	Nicole Defenbaugh, PhD

DATE	TIME	TOPIC	PRESENTERS
2/18/21	12:00 – 1:00pm	<p data-bbox="667 264 1482 297"><b>Basics of Study Design: Quantitative Research in Medicine</b></p> <ul data-bbox="646 329 1520 678" style="list-style-type: none"> <li data-bbox="646 329 1520 402">• <i>Provide brief overview of the difference between qualitative and quantitative research.</i></li> <li data-bbox="646 435 1520 508">• <i>Review quantitative research study designs/methodologies (purpose, clinical examples, strengths/weaknesses).</i></li> <li data-bbox="646 540 1520 613">• <i>Discuss data distributions (types, how to describe, role of sampling) and how they impact quantitative research.</i></li> <li data-bbox="646 646 1520 678">• <i>Discuss SLUHN resources for conducting quantitative research</i></li> </ul>	<p data-bbox="1604 264 1885 297">Parampreet Kaur, MD</p> <p data-bbox="1633 329 1856 362">Jill Stoltzfus, PhD</p>
3/18/21	12:00 – 1:00pm	<p data-bbox="768 914 1377 946"><b>Statistical Methodology for Research and QI</b></p> <ul data-bbox="646 979 1520 1222" style="list-style-type: none"> <li data-bbox="646 979 1520 1052">• <i>Examine key considerations when deciding which statistical test to use (e.g., sampling distribution, type of data).</i></li> <li data-bbox="646 1084 1520 1157">• <i>Discuss common statistical tests and techniques in healthcare research with clinical examples.</i></li> <li data-bbox="646 1190 1520 1222">• <i>Discuss QI statistical methodology.</i></li> </ul>	<p data-bbox="1604 914 1885 946">Parampreet Kaur, MD</p> <p data-bbox="1633 979 1856 1011">Jill Stoltzfus, PhD</p>

DATE	TIME	TOPIC	PRESENTERS
4/15/21	12:00 – 1:00pm	<p style="text-align: center;"><b>Presenting and Writing Your Study Results</b></p> <ul style="list-style-type: none"> <li>• <i>Discuss how to present research and QI study results.</i></li> <li>• <i>Discuss how to determine the appropriate format (e.g., poster, platform, journal) for submitting your research or QI study.</i></li> <li>• <i>Discuss different presentation options.</i></li> <li>• <i>Discuss how to get ideas onto paper such that people care about your study.</i></li> <li>• <i>Discuss how to find the right journal to submit your study manuscript.</i></li> <li>• <i>Discuss how to overcome “writer’s block”.</i></li> </ul>	<p>Jill Stoltzfus, PhD</p> <p>Parampreet Kaur, MD</p>
5/20/21	12:00 – 1:00pm	<b>TBD</b>	TBD