For 2018 the core sessions between Monday, June 4 and Wednesday, June 6 include one hour lecture/presentations from WVU faculty on:

• Large Group Teaching
  o Identify new ways of teaching.
  o Identify strategies for teaching large groups.
  o State fundamental concepts of neurobiology as it relates to teaching and learning- “Brain Rules.”
  o Describe how to apply Gagne's "Nine Events of Instruction" to lecture Development.
  o Develop teaching strategies to consider when lecturing to large groups.
  o Discuss methods to make large group teaching more personal and more effective.

• Flipping the Classroom
  o Describe flip teaching.
  o Discuss the potential advantages of a flipped classroom.
  o Describe the steps involved in developing a flipped classroom.
  o Describe how team based learning can be incorporated into a flipped classroom.

• The Importance of Collaboration Development
  o Describe best practices for collaborating.
  o Describe how to analyze mistakes not to make in collaborating.
  o Identify opportunities to collaborations.

• Quest for Best in Online Teaching & Learning
  o Identify best practices for effective online teaching and learning.
  o Identify practical applications for implementing best practices.
  o Locate information about further training pertinent to those best practices.

• Clinical Teaching
  o Discuss the importance of clinical teaching.
  o Discuss various effective methods of teaching in clinical settings.
  o Discuss opportunities and challenges of clinical teaching.

• Writing Multiple Choice Questions
  o Contrast and compare the relative advantages and disadvantages of different assessment methodologies
  o Describe the elements of a single best-answer multiple choice question
  o Identify common item writing flaws
  o Describe how to construct high-quality single best-answer multiple choice question
  o Discuss how to interpret the results of item analysis to judge the performance single best-answer multiple choice question and determine whether or not such items should be rejected or retained in an examination.

• Intergenerational Conflict and Educational Strategy
  o Describe some of the historical and cultural differences between generations involved in education and learning today.
  o Identify the formative events for the current generations and how those events led to their particular qualities.
  o List potential obstacles and identify solutions to address communication with millennial students.
• Feedback
  o Distinguish between feedback and evaluation.
  o Describe the importance of feedback as part of any educational endeavor.
  o Discuss the importance of feedback in improvement of learning experiences.
  o Discuss giving and receiving feedback.

• Rubrics
  o Describe the types and key components of a rubric.
  o Discuss the potential advantages with the use of rubrics as learning and assessment tools.
  o Describe the steps involved in developing and modifying a rubric.
  o Construct a rubric to meet an identified student learning/assessment need.

• Implementing the Scholarship of Teaching and Learning
  o Discuss how participants can clarify their research question.
  o Discuss study designs that will be useful in answering various research questions.

• Survey Research
  o Identify and understand the individual components of survey research.
  o Distinguish between types of surveys.
  o Identify design issues (+/-).
  o Differentiate between reliable and valid survey methods.
  o Discuss how to apply survey research principles to real world ideas.

• Qualitative Research
  o Describe three qualitative research methods.
  o Identify research questions that are appropriate to the various qualitative methods.
  o Discuss the concept of methodological rigor in qualitative research methods.

• Quantitative Research
  o Specify the basic principles of study design involving quantitative outcomes.
  o Discuss general motivations and strategies for analyzing data.
  o Discuss design and analysis resources available to HSC/WVCTSI researchers.

• Inter-professional Education
  o Discuss multiple aspects of Inter-professional Education (IPE), including advantages of IPE
    and collaborative practice (Ex. HealthCare Reform and the need for more provider types, lower
    costs, improved patient care).
  o Describe the four Inter-professional competencies developed by the WVU IPE Workgroup.
  o Discuss techniques to address the barriers and challenges to IPE in teaching (ex. Schedules;
    credit?)

• The World’s Worst Lecture
  o Describe the positive/negative aspects of developing a lecture, including AV aids and handouts.

• Experiential Learning and Assessment Documentation
  o Explain why assessment is important when planning simulation.
  o Identify assessment techniques including Learning Management Systems.