

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**

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

- **Flipping the Classroom**

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

- **The Importance of Collaboration Development**

- Describe best practices for collaborating.
- Describe how to analyze mistakes not to make in collaborating.
- Identify opportunities to collaborations.

- **Quest for Best in Online Teaching & Learning**

- Identify best practices for effective online teaching and learning.
- Identify practical applications for implementing best practices.
- Locate information about further training pertinent to those best practices.

- **Clinical Teaching**

- Discuss the importance of clinical teaching.
- Discuss various effective methods of teaching in clinical settings.
- Discuss opportunities and challenges of clinical teaching.

- **Writing Multiple Choice Questions**

- Contrast and compare the relative advantages and disadvantages of different assessment methodologies
- Describe the elements of a single best-answer multiple choice question
- Identify common item writing flaws
- Describe how to construct high-quality single best-answer multiple choice question
- 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**

- Describe some of the historical and cultural differences between generations involved in education and learning today.
- Identify the formative events for the current generations and how those events led to their particular qualities.
- List potential obstacles and identify solutions to address communication with millennial students.

- **Feedback**

- Distinguish between feedback and evaluation.
- Describe the importance of feedback as part of any educational endeavor.
- Discuss the importance of feedback in improvement of learning experiences.
- Discuss giving and receiving feedback.

- **Rubrics**

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

- **Implementing the Scholarship of Teaching and Learning**

- Discuss how participants can clarify their research question.
- Discuss study designs that will be useful in answering various research questions.

- **Survey Research**

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

- **Qualitative Research**

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

- **Quantitative Research**

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

- **Inter-professional Education**

- 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).
- Describe the four Inter-professional competencies developed by the WVU IPE Workgroup.
- Discuss techniques to address the barriers and challenges to IPE in teaching (ex. Schedules; credit?)

- **The World's Worst Lecture**

- Describe the positive/negative aspects of developing a lecture, including AV aids and handouts.

- **Experiential Learning and Assessment Documentation**

- Explain why assessment is important when planning simulation.
- Identify assessment techniques including Learning Management Systems.