

## **Teaching Scholars Summer Institute 2017**

**Monday June 5, 2017**

**7:15 am to 7:45 am** Registration

**7:45 am to 8:15 am** Welcome/ Logistics

**8:15 am to 9:15 am**

Topic: **The Importance of Collaboration Development**

Objective 1: Describe best practices for collaborating.

Objective 2: Analyze mistakes not to make in collaborating.

Objective 3: Identify opportunities to collaborations.

**9:15 am to 10:15 am**

Topic: **Large Group Teaching**

Objective 1: Think about teaching in new ways.

Objective 2: Take home strategies for teaching large groups.

Objective 3: Understand fundamental concepts of neurobiology as it relates to teaching and learning- "Brain Rules."

Objective 4: Describe how to apply Gagne's "Nine Events of Instruction" to lecture development.

Objective 5: Develop teaching strategies to consider when lecturing to large groups.

Objective 6: Discuss methods to make large group teaching more personal and more effective.

**10:15 am to 10:30 am** Break

**10:30 am to 11:30 am** Keynote

Topic:

Objective 1: Objectives Pending

**11:30 am to 12:30 pm**

Topic: **Flipping the Classroom: The What, Why and How of Flip Teaching**

Objective 1: Describe flip teaching.

Objective 2: Discuss the potential advantages of a flipped classroom.

Objective 3: Describe the steps involved in developing a flipped classroom.

Objective 4: Describe how team based learning can be incorporated into a flipped classroom.

**12:30 pm to 1:30 pm** Lunch

**1:30 pm to 3:00 pm**

Topic: **Quest for Best In Online Teaching & Learning**

Objective 1: Identify best practices for effective online teaching and learning.

Objective 2: Draw suggestions from this presentation to identify practical applications for implementing best practices.

Objective 3: Locate information about further training pertinent to those best practices.

**3:15 pm to 5:15 pm** **LEVEL ONE Simulation Scholars Only**

Topic: **Experiential Learning and Assessment Documentation**

Objective 1: Explain why assessment is important when planning simulation.

Objective 2: Identify assessment techniques including Learning Management Systems.

**Tuesday, June 6, 2017**

**8:00 am to 9:00 am**

- Topic: **Clinical Teaching**  
Objective 1: To discuss the importance of clinical teaching.  
Objective 2: To learn about various effective methods of teaching in clinical settings.  
Objective 3: To discuss opportunities and challenges of clinical teaching.

**9:00 am to 10:00 am**

- Topic: Communications Between Students, Other Faculty  
Objective 1: Define the concept of instructor immediacy.  
Objective 2: Synthesize academic literature on the benefits of instructor immediacy for both faculty and students.  
Objective 3: Lay out strategies to increase instructor immediacy in a variety of classroom settings.  
Objective 4: Demonstrate the role that communication technologies play in fostering immediacy.

**10:00 am to 10:15 am** Break

**10:15 am to 11:15 am**

- Topic: **#SoMe #MedEd Chat: Using Social Media in Medical Education**  
Objective 1: Describe the use of social media in healthcare education.  
Objective 2: Learn about strategies of how to utilize social media to enhance healthcare education.  
Objective 3: Provide social media resources for health care educators.

**11:15 am to 12:15 pm**

- Topic: **Writing Multiple Choice Questions**  
Objective 1: Submit one text question prior to conference that you have used or written.  
Objective 2: Give feedback on test questions submitted.

**12:15 pm to 1:15 pm** Lunch

**1:30 pm to 4:00 pm**

- Topic: **The Fundamentals of Simulation and Modalities**  
Objective 1: Identify opportunities for simulating real-world situations of the health professions.  
Objective 2: Given 4 modalities of simulation (partial task trainers, high fidelity manikin simulators, virtual reality simulators, and standardized patients), differentiate their purposes and apply their knowledge in hands-on exercises.

**1:30 pm to 4:00 pm** **ALL Scholars**

- Topic: **The Fundamentals of Simulation and Modalities**  
Objective 1: Identify opportunities for simulating real-world situations of the health professions.  
Objective 2: Given 4 modalities of simulation (partial task trainers, high fidelity manikin simulators, virtual reality simulators, and standardized patients), differentiate their purposes and apply their knowledge in hands-on exercises.

**4:00 pm to 6:00 pm** **LEVEL ONE Simulation Scholars Only**

- Topic: **Introduction to constructing simulation scenarios and Debriefing**  
Objective 1: Given a set of learning objectives, learners will integrate knowledge of simulation modalities and write a case scenario which outlines the various details of a learning activity.  
Objective 2: Discuss methods of providing feedback in a debriefing session.

**Wednesday, June 7, 2017**

**8:00 am to 9:00 am**

- Topic: **Incorporating Self-Directed Learning into the Classroom**
- Objective 1: Describe the defining characteristics of self-directed learning.
- Objective 2: Discuss studies related to the use of self-directed learning in the classroom.
- Objective 3: Devise strategies to create new self-directed learning activities and convert existing activities to self-directed learning activities.

**9:00 am to 10:00 am**

- Topic: **Creating Short Videos to Enhance Student Learning**
- Objective 1: Describe the rationale for the use of videos in place of or supplement to lecture.
- Objective 2: List the different types of educational videos.
- Objective 3: Discuss features that make a video an effective learning tool as well as the “don’ts” of video design.
- Objective 4: Describe different software that can be used to produce educational videos.
- Objective 5: Discuss the process of storyboarding a video.

**10:00 am to 10:15 am** Break

**10:15 am to 11:15 am**

- Topic: **Intergenerational Conflict and Educational Strategy**
- Objective 1: Describe some of the historical and cultural differences between generations involved in education and learning today.
- Objective 2: Identify the formative events for the current generations and how those events led to their particular qualities.
- Objective 3: List potential obstacles and identify solutions to address communication with millennial students.

**11:15 am to 12:15 pm**

- Topic: **Feedback**
- Objective 1: Differentiate between feedback and evaluation.
- Objective 2: Describe the importance of feedback as part of any educational endeavor.
- Objective 3: Discuss the importance of feedback in improvement of learning experiences.
- Objective 4: Discuss giving and receiving feedback.

**12:15 pm to 1:15 pm** Lunch

**1:15 pm to 2:15 pm**

- Topic: **Rubrics**
- Objective 1: Describe the types and key components of a rubric.

**2:15 pm to 3:15 pm**

- Topic: **Developing A Teaching Portfolio**
- Objective 1: Define what a teaching portfolio is why assemble an academic teaching portfolio
- Objective 2: Identify and discuss the types of data that should be maintained in a teaching portfolio. This may include but is not limited to the following: a teaching philosophy or statement, goals, documentation of lesson plans, video recording, student data assessment, materials demonstrating student learning, samples of feedback, seminar and professional meetings on teaching, contributions to your profession, honors/awards/recognition.)
- Objective 3: Evaluate the quality of sample faculty portfolios.

**3:30 pm to 6:30 pm LEVEL ONE Simulation Scholars Only**  
Topic: **Practical Experience in Simulation**  
Objective 1: Perform the role of a learner and participate in a guided debriefing activity.  
Objective 2: Discuss outcomes of guided debriefing

**Thursday, June 8, 2017**

**8:00 am to 9:00 am**  
Topic: **Implementing the Scholarship of Teaching and Learning**  
Objective 1: Discuss how participants can clarify their research question.  
Objective 2: Discuss study designs that will be useful in answering various research questions.

**9:00 am to 10:00 am**  
Topic: **Sampling and Estimation**  
Objective 1: List the types of probability samples.  
Objective 2: Identify the types of non-probability samples.  
Objective 3: Discuss sampling distribution.  
Objective 4: State the best approaches to estimating population parameters.

**10:00 am to 10:15 am Break**

**10:15 am to 11:15 am**  
Topic: **Survey Research**  
Objective 1: Identify and understand the individual components of survey research.  
Objective 2: Distinguish between types of surveys.  
Objective 3: Identify design issues (+/-).  
Objective 4: Understand difference between reliable and valid survey methods.  
Objective 5: Apply survey research principles to real world ideas.

**11:15 am to 12:15 pm**  
Topic: **Qualitative Research Methods**  
Objective 1: Describe three qualitative research methods.  
Objective 2: Identify research questions that are appropriate to the various qualitative methods.  
Objective 3: Discuss the concept of methodological rigor in qualitative research methods.

**12:15 pm to 1:15 pm Lunch**

**1:15 pm to 2:15 pm**  
Topic: **Quantitative Research Methods**  
Objective 1: Understand basic principles of study design involving quantitative outcomes.  
Objective 2: Discuss general motivations and strategies for analyzing data.  
Objective 3: Know design and analysis resources available to HSC/WVCTSI researchers.

**2:15 pm to 3:15 pm**  
Topic: **Leadership Panel Discussion**  
Objective 1: To develop, share and execute the mission of education.  
Objective 2: To enhance collaborations with colleagues in various disciplines.  
Objective 3: To motivate colleagues in thinking of ways to enhance the mission of education.  
Objective 4: To provide mentoring opportunities.  
Objective 5: To work on strategies for increasing engagement of learners and learner-centered teaching.  
Objective 6: To encourage participation in scholarship of education.

**3:30 pm to 6:30 pm LEVEL TWO Simulation Scholars Only**  
Topic: Designing Simulation Pt 1  
Objective 1: Develop the necessary materials for conducting a simulation experience.

**Friday, June 9, 2017**

**8:00 am to 9:00 am**  
Topic: **Inter-Professional Education**  
Objective 1: Discuss multiple aspects of Interprofessional Education (IPE), including advantages of IPE and collaborative practice (Ex. HealthCare Reform and the need for more provider types, lower costs, improved patient care).  
Objective 2: Describe the four Interprofessional competencies developed by the WVU IPE Workgroup.  
Objective 3: Discuss techniques to address the barriers and challenges to IPE in teaching (ex. Schedules; credit?).

**9:00 am to 10:00 am**  
Topic: **The World's Worst Lecture**  
Objective 1: Describe the positive/negative aspects of developing a lecture, including AV aids and handouts.

**10:00 am to 10:15 am Break**

**10:15 am to 11:15 am**  
Topic: **What Did We Learn**  
Objective 1: Discuss pertinent applications of the learning from the previous week.  
Objective 2: Identify insights they plan to share in their own institutions.

**1:00 pm to 2:00 pm LEVEL TWO Simulation Scholars Only**  
Topic: **Designing Simulation Pt 2**  
Objective 2: Plan and perform the role of instructor during a simulation experience.

**2:00 pm to 3:30 pm LEVEL TWO Simulation Scholars Only**  
Topic: **Conducting Debriefing**  
Objective 1: Construct open ended questions related to the simulation experience.  
Objective 2: Select appropriate debriefing methods for the simulation experience.  
Objective 3: Demonstrate techniques to monitor progress of debriefing

**3:30 pm to 5:00 pm LEVEL TWO Simulation Scholars Only**  
Topic: **Assessing Learning**  
Objective 1: Create a tool for assessing learner's progress and/or competency.  
Objective 2: Utilize multiple assessment modalities to triangulate observations.  
Objective 3: List assessment modalities to determine instructor efficacy.

**Saturday June 10, 2017**

**8:00 am to 10:00 am LEVEL THREE Simulation Scholars Only**  
Topic: Technology Tips and Tricks  
Objective 1: Discover the intricacies of utilizing technologies to set up and perform a manikin or task training educational scenario.  
Objective 2: Utilize lifesavers and other troubleshooting techniques

<b>10:00am to 11:00 am</b>	<b>Simulation Scholars Only</b>
Topic:	<b>Difficult Simulation Situations: What could possibly go wrong?</b>
Objective 1:	Observe video based problem situations
Objective 2:	Discuss solutions to problem situations
<b>1:00 pm to 2:00 pm</b>	<b>LEVEL THREE Simulation Scholars Only</b>
Topic:	<b>Ultrasound Curriculum</b>
Objective 1:	Discuss the impetus and curriculum development of a 4 year ultrasound program
Objective 2:	Participate in hands on exercises
<b>2:00 pm to 4:00 pm</b>	<b>LEVEL THREE Simulation Scholars Only</b>
Topic:	Program Development
Objective 1:	Determine good sources of funding
Objective 2:	Assure institutional buy in and faculty support
Objective 3:	Participate in Q/A with panel of experts