# Teaching Scholars Summer Institute 2021

## Day One, Tuesday, June 1, 2021

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<tr>
<th>TIME</th>
<th>PRESENTER</th>
<th>CONTENT (TOPICS)</th>
<th>OBJECTIVES</th>
<th>TEACHING STRATEGIES</th>
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<tbody>
<tr>
<td>8:00 am to 8:30 am</td>
<td>Welcome/Logistics</td>
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| 8:30 am to 9:30 am | Tara Whetsel, PharmD, BCACP, BC-ADM | 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. | Presentation / Discussion |
| 9:30 am to 10:30 am| Jonathan M. Kline, PharmD          | 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. | Presentation / Discussion |
| 10:30 am to 10:45 am| BREAK                            |                                                       |                                                                                           |                                                                            |
| 10:45 am to 11:45 am| Christopher Martin, MD, MSc | Writing Multiple Choice Questions using Chris's objectives | • 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. | Presentation / Discussion |
| 11:45 am to 12:30 pm| LUNCH                            |                                                       |                                                                                           |                                                                            |
| 12:30 pm to 1:30 pm| Rashida Khakoo, MD, MACP          | 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. | Presentation / Discussion |
<p>| 1:30 pm to 5:00 pm | Basics in Simulation, for ALL Summer scholars |                                                       |                                                                                           |                                                                            |
| 5:00 pm to 5:30 pm | Simulation I Scholars Only        |                                                       |                                                                                           |                                                                            |</p>
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| 8:00 am to 9:00 am| Elizabeth Claydon, PhD        | Qualitative Research Design       | • Describe three qualitative research methods.  
• Identify research questions that are appropriate to the various methods.  
• Discuss the concept of methodological rigor in qualitative methods.                                                                                                                                  | Presentation / Discussion |
| 9:00 am to 10:00 am| Alfgeir Kristjansson, PhD, Msc| Quantitative Research Design      | • Explain the philosophical prerequisites for quantitative research.  
• Compare and contrast the strengths and applicability of different study designs.                                                                                                                     | Presentation / Discussion |
| 10:00 am to 10:15 am|                              | BREAK                             |                                                                                                                                                                                                           |                         |
| 10:15 am to 11:15 am| Scott Cottrell, EdD           | Implementing the Scholarship of Teaching and Learning (SOTL) | • Discuss how participants can clarify their research question.  
• Discuss study designs that will be useful in answering various research questions.                                                                                                                  | Presentation / Discussion |
| 11:15 am to 12:15 pm| Gina Baugh, PharmD            | 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).                                                                                       | Presentation / Discussion |
| 12:15 pm to 12:45 pm|                              | LUNCH                             |                                                                                                                                                                                                           |                         |
| 12:45 pm to 1:45 pm| Karen Woodfork, PhD           | Large Group Teaching              | • Describe best practices for organization of content and creation of materials for large group presentations.  
• Discuss ways to gain students’ attention and connect with previously learned material.  
• Identify strategies for promoting active learning in large group sessions.  
• Discuss methods for encouraging communication in large group sessions.  
• View examples of resources that are useful for engaging students in a large classroom.  
• Create an outline for a mini-activity to intersperse with lecture content in a large class context.                                                                                                      |                         |
| 3:00 pm to 6:00 pm| Simulation I Scholars Only    |                                   |                                                                                                                                                                                                           |                         |
## Teaching Scholars Summer Institute 2021

**Day Three, Thursday, June 3, 2021**

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| 8:00 am to 9:00 am | Marie Abate, PharmD        | 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.  
• Discuss how to construct a rubric to meet an identified student learning/assessment need. | Presentation / Discussion   |
| 9:00 am to 10:00 am | Lesley E. Cottrell, PhD    | Survey Research                      | • Describe what a survey is.  
• Identify why and when surveys are done.  
• Describe who does surveys.  
• Describe how surveys are done.  
• Give guidance to Scholars on their education related scholarly projects. You will be provided the research questions in advance for your review in preparation for this session. | Presentation / Discussion   |
| 10:00 am to 10:15 am | BREAK                      |                                       |                                                                                                                                                                                                          |                              |
| 10:15 am to 11:15 am | Rashida Khakoo, MD, MACP   | Clinical Teaching                    | • Discuss the importance of clinical teaching.  
• Discuss various effective methods of teaching in clinical settings.  
• Discuss opportunities and challenges of clinical teaching. | Presentation / Discussion   |
| 11:15 am to 12:15 pm | Christopher Martin, MD, MSc | World's Worst Lecture                | • Describe the positive/negative aspects of developing a lecture, including AV aids and handouts. | Presentation / Discussion   |
| 12:15 pm to 12:45 pm | LUNCH                      |                                       |                                                                                                                                                                                                          |                              |
| 12:45 pm to 1:45 pm | Tracey Beckley, MPM        | Developing an Education Portfolio     | • Explain the purpose and value of an Education Development (Teaching) Portfolio and how it can demonstrate your personal teaching philosophy;  
• Discuss the main elements of a teaching portfolio and brainstorm evidence types to be collected to ensure relevance;  
• Compare and contrast example teaching portfolios to discover how approaches may differ across disciplines. | Group Discussion             |
| 1:45 pm to 2:45 pm | Albert Berrebi, PhD        | Getting Started on Your Research Agenda | • Describe WVU’s research structure and processes.  
• Discuss approaches to carving out sufficient time for scholarship.  
• Identifying a research mentor(s).  
• Describe team science. | Presentation / Discussion   |
| 2:45 pm to 3:15 pm  | Rashida Khakoo, MD, MACP   | What Did We Learn?                   |                                                                                                                                                                                                          | Group Discussion             |