

Teaching Innovation Conference

May 11, 2017
8:15-11:30am
Arkansas Tech
University



Abstracts

Taking Our Thinking to the Next Level: Rethinking Bloom's Levels and Depth of Knowledge in Planning for Student Engagement in Content Areas

Presenter: Dr. Latasha Holt-Bocksnick (Assistant Professor of Curriculum and Instruction)

Room: Rothwell 138

Time: 8:15-9:30am & 9:45-11:00am

Sponsored by: Office of Assessment and Institutional Effectiveness

Taking our thinking to the next level is the goal! This session will revisit the role of Bloom's Taxonomy and Depth of Knowledge Levels in the classroom. In addition, this session will provide an opportunity for collaborative discussions about how the implementation of learning levels are working in our classes and then discuss areas that we can improve to ultimately increase student engagement and deeper thinking. Last, the topic of choosing the right level of thinking at the right time will be considered with a closing of tips to execute deeper thinking activities using small groups, whole groups, and technology-all in an attempt to improve our teaching and be the most effective.

High Impact Practice: Undergraduate Research and State Funding Opportunities

Presenter: Dr. Mostafa Hemmati (Professor of Physics and Director of Undergraduate Research)

Room: Rothwell 211

Time: 8:15-9:30am & 9:45-11:00am

The Arkansas Tech University Undergraduate Research Office promotes and supports undergraduate research in all fields and disciplines. During the presentation, undergraduate research program at Arkansas Tech University, the total funds available for the program, the availability of funds for each grant application, duration of funding, the review process, student presentation and reporting process will be discussed. Information regarding a new initiative, "Course Redesign Program", will be provided as well. The goal of the "Course

Redesign Initiative” is to promote active student involvement through integration of undergraduate research and scholarship. Again, the availability of funds, the proposal review process, duration of funding and completion of the application process and reports will be discussed. Information regarding other funding sources in state for research, both undergraduate and graduate level research, opportunities for collaborative research, and application processes will be discussed.

Let’s Collaborate: Campus Compact Roundtable

Contributors: Dr. Julie Mikles-Schluterman (Associate Professor of Sociology and Assistant Director of Honors), Dr. Kim Troboy (Professor of Management Information Systems), Mrs. Megan Toland (Assistant Professor of Journalism), Dr. Carl Greco (Professor of Electrical Engineering), Dr. Jessica Young (Assistant Professor of Physics), Dr. Douglas Barron (Assistant Professor of Biology), Dr. Robin Lasey (Associate Professor of Chemistry), Dr. Jack Tucci (Professor of Management and William M. Lemley Endowed Chair), and Dr. Justin Killingsworth (Assistant Professor of Agricultural Education)

Room: Rothwell 212

Time: 8:15-9:30am & 9:45-11:00am

Let’s collaborate! As part of ATU's membership in Campus Compact, we are exploring some of the innovative teaching practices that ATU faculty are already trying in their classrooms to help our students succeed. This is a very informal discussion about some of the things that we have tried, what has worked, and what hasn't. It is hopefully an opportunity for us to connect and collaborate.

Online Maps in the Lecture Classroom: Using Google Earth to Enhance Student Learning

Presenter: Dr. Patrick Hagge (Assistant Professor of Geography)

Room: Rothwell 213

Time: 8:15-9:30am & 9:45-11:00am

During a typical semester, a lecture class might encounter a teaching topic or a student question that deals with some aspect of “place”: a historic location, a natural region, a particular urban environment, etc. Instructors can build on these moments during class lectures by using visualizations from Google Earth, a free (and easy to use) imagery based mapping program. Whether planned or on the spot, instructor usage of Google Earth can give rich visual context to classroom lectures across a variety of disciplines, from flying

through a 3D view of the Battle of Gettysburg for a history course, to examining photos from the Amazon for a biology class, to experiencing a panoramic scene of Shakespeare's Globe Theatre in an English lecture.

Using Rubrics for More Effective Assessment of Projects and Papers

Presenter: Dr. Shellie Hanna (Associate Professor of Curriculum and Instruction)

Room: Rothwell 221

Time: 8:15-9:30am & 9:45-11:00am

Sponsored by: Office of Assessment and Institutional Effectiveness

This session will look at various methods of utilizing rubrics with students to create a more involved sense of learning, a sense accuracy and of fairness for both students and faculty, and higher quality work from students. We will discuss how to create the rubrics as well as various ways to implement their use for projects, presentations, tests, and papers to help us become more effective at assessing the work of our students.

Your IRB: The Way Ahead for Students and Faculty

Presenter: Dr. Jeff Aulgur (Department Head and Assistant Professor of Professional Studies) and IRB Committee Members

Room: Rothwell 311

Time: 8:15-9:30am & 9:45-11:00am

For the first half of this collaborative and interactive session, faculty members of the Arkansas Tech University Institutional Review Board will present the requirements for student research (undergraduate to doctoral). For the second half of this session, panel members will answer audience driven questions regarding the IRB process for faculty research.

Opportunities to Collaborate for Service Learning

Presenter: Mrs. Aubrey Holt (Director of Student Activities)

Room: Rothwell 312

Time: 8:15-8:45am & 9:45-10:15am

Service learning is a valuable tool for faculty to provide practical application of the concepts discussed within their courses. This session will provide participants with information on the

benefits of service learning as well as ideas on how to incorporate it into their courses. Resources available to participants will be discussed. Participants will brainstorm future opportunities to collaborate across campus.

Improving Student Success by Integrating Research Tools into Blackboard as Needed

Presenter: Ms. Sherry Tinerella (Assistant Librarian)

Room: Rothwell 312

Time: 8:45-9:15am & 10:15-10:45am

This session will feature learning objects, guides, and tutorials that can be embedded into Blackboard courses. These resources are tailored to correspond with the assignments and outcomes of the class. Offering tools to the student at their point of need makes the information more valuable. The research process itself is an exercise in critical thinking. Helping students through this process decreases frustration and improves the quality of resources as well as that of the papers produced.

Interested in Inspiring First Year Success? Teach Tech 1001

Presenter: Mrs. Linda Hensen-Jackson (Visiting Instructor of College Student Personnel)

Room: Rothwell 312

Time: 9:15-9:30am; 10:45-11:00am & 11:15-11:30am

The goals of this session are to highlight teaching strategies to reach first year students, to showcase the rewards of this first year course, and to recruit faculty to teach in Fall 17. This session will be interactive because the majority of the time will be spent in discussion with the faculty, and encouraging previous faculty to also share their advice.

Effective eLearning: How it works, how to make it work, how to know it worked

Presenter: Dr. Mark Mitchell (Instructional Design Specialist), Mr. Weiwei Ji (Instructional Design Specialist) & Mr. Ken Teutsch (Multimedia Coordinator)

Room: Rothwell 313

Time: 8:15-9:30am & 9:45-11:00am

This presentation will show ways of using proven principles and techniques to design, create and assess the performance of electronic media for the online and face-to-face classroom. We'll begin by explaining the design principles underlying effective media design, followed by a practical demonstration and assessment techniques.

My Favorite Class: The First Day!

Presenter: Dr. Scott Kirkconnell (Professor of Biology)

Room: Rothwell 321

Time: 8:15-9:30am & 9:45-11:00am

Goal: Get as many good ideas and practices as possible for the first day of class. “What you do on the first days of school will determine your success or failure for the rest of the school year.” Innovations from: Neuroscience, depression research, exercise physiology, attention span, and attitude maintenance! Learn how and why to 1. Never, ever, give another “makeup test”, 2. Never have another student consume massive amounts of your time, only to end up dropping the course 3. Set really important goals for your course. 4. Get “thank you” notes from the Red Cross, teachers in the community, Christian Clinic coordinators, and colleagues! 5. Make yourself “Smarter, Happier, Healthier, and Younger” – for free!!!

Additional Offerings

Breakfast

Room: Rothwell Lobby
Time: 7:00-8:00am

Conversation Room (complimentary snacks and drinks)

Room: Rothwell 208
Time: 8:00-11:30am

Pictures with Jerry

Room: Rothwell 133
Time: 8:15-9:45am