

2017 MSU Teaching & Learning Spring Conference Wednesday, May 10

BREAKFAST AND REGISTRATION
8:00 – 8:30 a.m.
Room D101 Wells Hall

Enhancing Learning and Community Engagement in a Public Health Study Abroad Program with Photovoice

Date & Time: Wed., May 10 from 8:30 – 9:00 a.m.

Place: Room A120 Wells

Presenter: Connie Currier, currier3@msu.edu

Additional Presenters:

Linda Gordon, MS, MA, MPH

Description: This session will discuss Photovoice as a research method; use of method in Ghana with examples from the 2016 study abroad program; how it benefitted students in terms of learning and community building; lessons learned and recommendations for successful use and/or implementation for other disciplines and programs.

Play with PlayPosit, Engage with Interaction -An award-winning tool for interactive video learning

Date & Time: Wed., May 10 from 8:30 – 9:00 a.m.

Place: Room B104 Wells Hall

Presenter: Bei Zhang, zhangbe6@msu.edu

Description: In this information session, the presenter will show case how to transform recorded lectures or any online teaching videos into active learning by using PlayPosit, a tool for

designing and sharing interactive video lessons. Using a variety of assessment activities embedded in the video, student understanding of the information is tested as they play the video and their performance on the activities is recorded in real time. The instructor can easily monitor the progress of each individual student and the whole class from the data analysis of student activities.

LdL and Experiential Learning: Implementing Effective Teaching Strategies in a Design Studio Context

Date & Time: Wed., May 10 from 8:30 – 9:00 a.m.

Place: Room B100 Wells Hall

Presenter: Rebecca E. Schuiling, res@msu.edu

Description: Teaching and learning are inseparable. I explore the implementation of pedagogies that suit individual learning styles within a design studio context. Accordingly, I rely on verbal and visual resources, while utilizing experiential learning (e.g., learn by doing) and LdL or Lernen durch Lehren (e.g., teach to learn).

Active learning in a lecture hall - Flipping a traditional lecture course without flipping out

Date & Time: Wed., May 10 from 8:30 – 9:00 a.m.

Place: Room B106 Wells Hall

Presenter: Kirstin Parkin, parkinkr@msu.edu

Description: This semester, I applied an active learning model that I have been working on for the past few years to a course with 140 students that has historically been taught through traditional lectures. I will begin with a brief presentation to demonstrate the overall course organization. This will include a description of the weekly schedule and overall semester schedule. In addition, I will provide examples of specific in-class, group activities and TopHat quiz questions that are based on pre-assigned readings and learning objectives. Then, participants will be guided in developing a specific learning objective and in-class activity based on a page/pages in a textbook they currently use or based on lectures slides they currently use, to begin developing their own active learning course.

Game Development for Teaching Physics

Date & Time: Wed., May 10 from 9:15 - 9:45 a.m.

Place: Room A120 Wells Hall

Presenter: Gerd Kortemeyer, kortemey@msu.edu

Additional Presenters:

Pending scheduling, undergraduate students involved in the research effort will participate.

Description: The session describes two computer games developed to teach physics concepts, in particular Special Relativity and Kirchhoff Laws for introductory courses in Modern Physics and Electricity and Magnetism, respectively. We will bring laptops so participants can test drive the games. Both games will be discussed during the session with respect to development effort, in-class usage, and preliminary findings regarding learning effectiveness. Finally, research avenues using narrated gameplay videos on YouTube will be explored.

The Center for Instructional Mentoring: Preparing Future Math Faculty

Date & Time: Wed., May 10 from 9:15 - 9:45 a.m.

Place: Room B104 Wells Hall

Presenter: Andrew Krause, krausea3@msu.edu

Additional Presenters:

Tsveta Sendova, Rachael Lund

Description: We will present our ever-growing professional development program for graduate teaching assistants (GTA), undergraduate learning assistants (ULA), visiting instructors/post-docs, and new faculty. We will provide details and seek feedback about our 2-day orientation programs, our year-long GTA professional development (prior to teaching), our teaching mentoring program, our ULA teaching support structure, and our progress in guiding students through the Certification in College Teaching (CCT). We will seek input from the teaching community about how we can better support ULAs, how we can do a better job of training our instructors on diversity and inclusion, and how we can write about our successes to inform similar programs in the wider undergraduate teaching community

Developing an online certificate in teaching English to speakers of other languages (TESOL)

Date & Time: Wed., May 10 from 9:15 - 9:45am

Place: Room B100 Wells Hall

Presenter: Shawn Loewen, loewens@msu.edu

Description: This session describes the ongoing development of a non-credit certificate in Teaching English to Speakers of Other Languages (TESOL). The presentation will describe the overall structure of the certificate, with three modules (Second Language Teaching and Assessment, Second Language Learning, and English for Second Language Teachers) and a capstone portfolio/practicum project. A closer look will be given to one specific module - Second Language Learning, and example activities from one of the eight units comprising the module will also be presented. The challenges of developing a stand-alone, self-paced course, which is based in large part on content taught in face-to-face and online undergraduate classes at MSU, will be discussed.

Sharing Strategies for Use of Student Teams in MSU Courses

Date & Time: Wed., May 10 from 9:15 - 9:45 a.m.

Place: Room B106 Wells Hall

Presenter: Kathleen Hoag, hoagk@msu.edu

Additional Presenters:

Kendra Spence Cheruvelil, Adele Denison, Jenahvive Morgan, Rachel Morris, Charlotte Ure, Mariane Wolfe

Description: This session will be an interactive panel session to share information on the use of student teams in MSU courses. Panelists from various STEM disciplines and attendees will use iClicker 2 classroom response devices (provided, but bring along your own if you have one!) to collectively discover the myriad ways in which student teams are used at MSU. The panel will prepare questions to poll the audience about how they have used student teams. Question themes will include: methods for creating student teams, the ultimate goal/outcome of the student teams, whether peer assessment is utilized, etc.

Please make your way to Room B115 Wells Hall.

KEYNOTE BY MICHELLE PACANSKY-BROCK

Date & Time: 10:00-11:30 a.m.

Place: Room B115 Wells Hall



Presenter: Dr. Michelle Pacansky-Brock. Dr. Pacansky-Brock is a noted leader in higher education with expertise in online teaching, course design, and faculty development. Michelle's work has helped online instructors across the nation and beyond understand how to craft relevant, humanized online learning experiences that support the diverse needs of college students. She is the author of *Best Practices for Teaching with Emerging Technologies* (Routledge), has received national recognition for her excellence in teaching, and has held various leadership roles with the Online Learning Consortium (OLC) and the EDUCAUSE Learning Initiative (ELI). Currently, Michelle is Innovations Lead and the host of the humanizedED podcast for [Teaching & Learning Innovations](#) at California State University Channel Islands. Learn more about Michelle at brocansky.com and connect with her on Twitter [@brocansky](#).

Source <http://brocansky.com/bio-and-headshot>

LUNCH AND POSTER SESSION

Time: 11:30 a.m.- 1:00 p.m.

Place: Hub for Innovation in Learning and Technology, Room D101 Wells Hall

POSTERS

Effect of Active Learning Techniques on Student Excitement, Interest, and Self-Efficacy

Presenter: Petra Hendrickson, hendr136@msu.edu

Learning through peer discussion: Does group size matter?

Presenter: Saweda Liverpool-Tasie, lliverp@msu.edu

Additional Presenters: Serge Adjognon

Flipping Anatomy on its Head: Human Gross Anatomy in a REAL Room

Presenter: Lindsey L. Jenny, jennylin@msu.edu

Additional Presenter: Nicole Geske

CHM Academy: The Use of Learning Societies to Teach Integrated Necessary Sciences in Medical School

Presenter: Brian Mavis, mavis@msu.edu

Additional Presenters: Angela Thompson-Busch, Sathyan Sudhanthar, Patricia Brewer, Jonathan Gold

A Client-Based Market Research Project in an Undergraduate Food Marketing Management Course

Presenter: Danielle Kaminski, kamin107@msu.edu

Additional Presenters: David Ortega, Brent Ross

Developing Disciplinary Information Literacy

Date & Time: Wed., May 10 from 1:15 – 2:00 p.m.

Place: Room A120 Wells Hall

Presenter: Sara D. Miller, smiller@mail.lib.msu.edu

Description: Do find your students experiencing difficulties interacting with academic sources? Information literacy involves strategic searching, questioning, synthesizing, and creating new information. This workshop will use the ACRL Framework for Information Literacy in Higher Education to structure guided reflection on curricular processes which involve student interaction with disciplinary information sources.

Unchosen principles that govern our teaching and research practices

Date & Time: Wed., May 10 from 1:15 – 2:00 p.m.

Place: Room B100 Wells Hall

Presenter: Brian Teppen, teppen@msu.edu

Description: This conference seeks "to build and strengthen dynamic communities of practice." One community of practice consists of the entire MSU faculty, and the goal for this collaborative roundtable discussion is to reflect on unconscious habits that tend to be shared among this entire community. Hypotheses and some data will be presented in hopes of testing and improving a conceptualization of the set of habits that tend to govern our MSU community of practice. This roundtable is an effort to stimulate critique and discussion, but also to find colleagues who know more (theory and data) than me. MSU is a knowledge-producing organization, so we must question the unconscious foundations of that knowledge. I am not qualified to do so, but feel the need to initiate such reflection.

Creating a Transcritical Classroom: Feedback, Accessibility, and Community

Date & Time: Wed., May 10 from 1:15 – 2:00 p.m.

Place: Room B106 Wells Hall

Presenter: Michael Ristich, Ristich@msu.edu

Additional Presenters:

Kate Birdsall, Kate Fedewa, Casey McArdle

Description: Mobile technologies have changed the perception of the classroom from anchored space to dynamic space, where students can

interact at any time and from anywhere. With this in mind, we explore how such technologies can foster transcritical perspectives, as well as the ethical and pedagogical implications that stem from such an approach.

Embodying the Digital Pedagogue: Faculty Development for Online Teaching

Date & Time: Wed., May 10 from 2:15 - 2:45 p.m.

Place: Room A120 Wells Hall

Presenter: Makena Schultz, schul430@msu.edu

Additional Presenters: Benjamin Espinoza, Bdallasespinoza@gmail.com

Description: The literature around online teaching and learning reflects the proliferation of online education and the importance of faculty development. That said, there is a lack of descriptive insights as to what faculty development for online teaching should encompass and how institutions should design and implement such opportunities for development. This informational session aims to share insights gleaned from a comprehensive review of faculty development literature, which has been applied to build a modification of TPACK specifically to describe key components and approaches to faculty development for online teaching (FDOT).

Rethinking in-class activities for teacher education

Date & Time: Wed., May 10 from 2:15 - 2:45 p.m.

Place: Room B104 Wells Hall

Presenter: Dustin De Felice, defelic5@msu.edu

Description: I will share a handout I created that combines a number of important linguistic, cultural and humanistic knowledge into an interactive in-class activity. The handout includes discussion of linguistic patterns in sounds, meaning and language principles, cultural knowledge as it relates to movies and animal sounds and the complexity of something as simple as a name. Participants will leave with a copy of the activity and a list of resources for exploring more teaching strategies.

Supporting 3D printing in the classroom: Case studies from Hollander MakeCentral: Makerspace

Date & Time: Wed., May 10 from 2:15 - 2:45 p.m.

Place: Makerspace, Main Library

Presenter: Erica Ervin, ervineri@mail.lib.msu.edu

Additional Presenters: Amanda Tickner

Description: The MSU Libraries' Hollander MakeCentral: Makerspace launched in 2015 and has since supported 3D printing and associated technologies for the university and surrounding community. Currently the space provides staff mediated 3D printing services on two MakerBot 3D printers, a Fortus 250mc, and Form 2 machine. We partner with faculty to incorporate 3D modeling and printing, laser cutting, and other makerspace technologies into their coursework by providing instruction using basic software, equipment demonstrations and targeted individual assistance. This talk will present case studies of our support in classes of various disciplines including design, business entrepreneurship, and communication arts as examples of how 3D printing and other technology is being used to enhance education.

Online Teaching Against the Grain: The Case for the Self-Paced Course

Date & Time: Wed., May 10 from 2:15 - 2:45 p.m.

Place: Room B106 Wells Hall

Presenter: Steven Weiland, weiland@msu.edu

Description: What can be learned from an online course design that is out of step with prevailing views of teaching and learning? The self-paced online course offers a location for re-thinking how we understand the relations of student autonomy and instructional authority. With the example of long term offerings in an unusual format, participants will be invited to discuss how we incorporate critical perspectives on online teaching and learning, including what is claimed for best practices, into our courses and programs.

PERL developed learning environments: transforming how students learn physics at MSU

Date & Time: Wed., May 10 from 3 - 3:30 p.m.

Place: Room A120 Wells Hall

Presenter: Paul Irving, pwirving@msu.edu

Additional Presenters: Danny Caballero, Michael Obsniuk, Stuart Tessmer, Vashti Sawtelle, Katie Hinko, Bill Martinez

Description: The session will consist of 3 different brief presentations that outline three transformation efforts that the Physics Education Research Laboratory has undertaken in the last two years. P-Cubed the introductory physics calculus-based mechanics course, the DATA lab a transformed introductory algebra-based laboratory class and IPLS Studio Physics the introductory Lyman Briggs class will be outlined and initial results of the transforms will be discussed.

Teaching, Learning, Scholarship... and Marketing Strategies?

Date & Time: Wed., May 10 from 3 - 3:30 p.m.

Place: Room B104 Wells Hall

Presenter: Stephanie E. Vasko, vaskoste@msu.edu

Description: This session will introduce participants to the adaptation of marketing and business strategies for building brands by a research and teaching initiative within MSU. The speaker will walk through examples and how-tos, as well as provide participants with a hand-out on resources for adapting these strategies to their own practices.

Engaging Undergraduate Students with Primary Resources

Date & Time: Wed., May 10 from 3 - 3:30 p.m.

Place: 3 West Instruction Room, Main Library

Presenter: Ruth Ann Jones, jonesr@mail.lib.msu.edu

Description: Twenty-first century undergraduate students are so inundated with screens that they experience actual rare books and ephemera as a novelty. The MSU Libraries' Special Collections Division offers a wealth of primary sources in history, literature, and the humanities which can be used for engaging, hands-on library sessions. Students will deepen their understanding of course content and improve their critical thinking skills. Participants will be able to examine materials used for diverse activities, such as using social justice literature to analyze persuasive writing; comparing pre-Civil War anti-slavery and pro-slavery tracts; using foreign language skills to translate margin notes in rare books; or analyzing 17th century remedies for the plague with herbals from the same era.

Technology in Language Learning and Teaching

Date & Time: Wed., May 10 from 3 - 3:30 p.m.

Place: Room B106 Wells Hall

Presenter: Shannon Spasova, spasova@msu.edu

Additional Presenters: Adam Gacs, gacs@msu.edu

Description: Teaching second languages (L2s) through fully or partially online classes continues to increase, with learners and instructors taking advantage of online affordances, such as flexibility, and institutions taking advantage of potential cost-savings. However, quality L2 instruction is not guaranteed in online courses, even if teachers are well-trained and experienced in face-to-face classrooms. This information session showcases examples of online instruction currently employed in the Russian and German programs at MSU. Topics covered range from broader curricular issues to the design of specific activities. Examples of successful online materials will be presented, along with discussions of important design principles used in creating the materials.

Making the Most of the D2L Question Library

Date & Time: Wed., May 10 from 3:45 - 4:30 p.m.

Place: Red Cedar Room West, Main Library

Presenter: Kristen Lee, leekrist@msu.edu

Description: D2L provides a central question library within each course and community space where users can house questions for both quizzes and surveys. When set up, it allows for streamlined organization and reuse of created questions, as well as the ability to randomize questions when they are presented to students. This information session will go over use of the Question Library and allow for questions and discussion about its functionality.

Learning through Purpose: How to foster student investment in the classroom space

Date & Time: Wed., May 10 from 3:45 - 4:30 p.m.

Place: Room B104 Wells Hall

Presenter: Christine Beamer, beamerch@msu.edu

Additional Presenters: Marcus Sanderlin, Talitha Wimberly

Description: This workshop will explore how purpose-centered activities can be used to develop a student's ability to draw connections between in-class knowledge and out-of-class goals. After a demonstration of how students can cooperatively develop a class motto based around purpose, participants will be invited to experiment with the exercise, and then discuss possible implications for classroom settings.

Repetition as the Key Component to Enhance Student and Instructor Success with a Large Online Course

Date & Time: Wed., May 10 from 3:45 - 4:30 p.m.

Place: Room B100 Wells Hall

Presenter: David Gilstrap, gilstrap@msu.edu

Additional Presenters: Dennis Hampton

Description: This activity will involve two screens. On one screen, the primary presenter will go through a slide presentation on how he uses repetition in teaching a very large online course. On an adjacent screen, a D2L expert will shadow the presentation with skillful navigation through the course website and facilitate audience participation, since most of their questions will probably be about D2L. The presenter will work through an explanation of how and why repetition occurs in instructions, as well as quizzes and exams used to assess student knowledge, and the facilitator will show how they are set up and generate some examples. Attendees will have the opportunity to come away with an understanding as to the inner thinking and inner workings of the largest online course at MSU.

Site-Specific Dance and MSU Museum: Interdisciplinarity and Collaboration

Date & Time: Wed., May 10 from 3:45 - 4:30 p.m.

Place: Room B106 Wells Hall

Presenter: Rosely Conz, conzrose@msu.edu

Additional Presenters: Denice J. Blair, Max Evjen

Description: This section will be crafted for a group of 10-15 people. Strategies used in the development of a Site-Specific dance will be presented.. Rosely Conz will lead the creative moment of the session when participants will have the chance to embody concepts that surround a site-specific piece. After that, the presenters will share some of the methodologies, videos of the Museum performances, and other aspects of this collaboration with the participants.

Thursday, May 11

BREAKFAST AND REGISTRATION
8:00 – 8:30 a.m.
Room D101 Wells Hall

Strategic Groups Analysis: A Mixed Media Classroom Activity

Date & Time: Thurs., May 11 from 8:30 - 9:15 a.m.

Place: Room B104 Wells Hall

Presenter: Max P. Belin, belin@broad.msu.edu

Description: This session is a team-based exercise to teach a common business analysis tool called Strategic Groups. After a short lecture and PowerPoint presentation, participants will form small teams; each team is given an industry (e.g., automotive) and a list of companies, or organizations, within their assigned industry. The teams will discuss and classify their companies, creating a strategic groups diagram on poster-sized Post-its or on a white board, and present their diagram and analysis to the class. After the presentations, the class will come together for a short full-class discussion.

Qualtrics for Newbies: Beyond the Basic Survey

Date & Time: Thurs., May 11 from 8:30 - 9:15 a.m.

Place: Room B100 Wells Hall

Presenter: Christine Tobias, tobiasc@msu.edu

Additional Presenters: Shannon Spasova, Dave Dai, Shawn Rich, Michelle Carlson, Scout Calvert

Description: In January 2017, the MSU Qualtrics Working Group brought together faculty and staff in a co-work space to learn Qualtrics. Through knowledge sharing and active participation, group members realized two things: 1) similar needs for assessing the impact of learning can be addressed collectively; and 2) novice users can easily use the advanced features of Qualtrics to manage a wide scope of projects. In the co-work spirit, this presentation will highlight various applications of Qualtrics in the teaching and learning environment at MSU. Examples shared will include creating a table of contents, twisting the arm to import

responses, developing heat maps for space usage data, conducting placement testing, and creating contact lists for future assessment projects

The D2L Gradebook: What You Don't Know You Don't Know

Date & Time: Thurs., May 11 from 8:30 - 9:15 am

Place: Red Cedar Room West, Main Library

Presenter: Kristen Lee, leekrist@msu.edu

Additional Presenters: Dennis Hampton, Jr., John Sfreddo

Description: The D2L Gradebook gives course instructors a great deal of control over how entered grades are calculated and displayed to students. To accomplish this, there are several settings options available, some of which are not always immediately obvious to those completing the gradebook setup. This session will demonstrate some key things to know that many instructors are often not aware of at first, including how to use both the final calculated grade and the final adjusted grade, how to release the chosen final grade to students (not done by default), and how to adjust the way grades display for both students and instructors. Time for questions will be allotted.

Becoming a Critically Reflective Teacher with Dr. Stephen D. Brookfield

Date & Time: Thurs., May 11 from 8:30 - 9:15 a.m.

Place: Room D101 Wells Hall

Presenter: Dave Goodrich, daveg@msu.edu

Additional Presenters: Sharon Ladenson, Cheryl Caesar

Description: Reflection is an essential component to any meaningful learning experience. This includes learning about how to improve our teaching. You've had a lot to explore and discover this year as you attended MSU's first Teaching & Learning Spring Conference. This sandbox session is geared to provide an experimental opportunity to reflect on your teaching and the conference using a modified version of Brookfield's (1995) 'Critical Incident Questionnaire' to guide your thinking. Members of this year's Faculty Learning Community around becoming critically reflective teachers will be on site to share how they've been using similar strategies to guide their reflective practices in their own classrooms and teaching careers. Participants will come away with a digital artifact summarizing reflections.

Bridging International Students' Writing Challenges to More Effective Outcomes

Date & Time: Thurs., May 11 from 9:30 - 10:00 a.m.

Place: Room B104 Wells Hall

Presenter: Laura Ramm, rammbo@msu.edu

Additional Presenters: Collin Blair

Description: This presentation unpacks tools for how professors and teaching assistants can help second language (L2) students meet the rigors of academic work. Genre-based assignments such as business letters and storytelling are presented and experimented with by attendees, along with more process-driven assignments of self-examination, research, and Project-Based Instruction. Attendees leave with ideas to improve the learning environment and experience for L2 students and confidently guide them toward creating academic work with more substance.

A Learning Laboratory for Building the Community of MSU Support Staff

Date & Time: Thurs., May 11 from 9:30 - 10:00 a.m.

Place: Room B102 Wells Hall

Presenter: Gwen Wittenbaum, gwittenb@msu.edu

Additional Presenters: Clint Dobrinski, Maxwell Harder, Lauren Tamboer

Description: As a service-learning project, master's degree students in communication created and administered a closed Facebook group for Michigan State University (MSU) support staff as inspired by their survey results from this population. To reach their goals, the students discovered the art of patience and flexibility while building trusting relationships with stakeholders across the university. This project highlights the potential opportunity of MSU as a learning laboratory for students to develop research and communication skills while building the Spartan community.

Go flip yourself! The joys, challenges, pains and gains of flipping a course

Date & Time: Thurs., May 11 from 9:30 - 10:00 a.m.

Place: Room B100 Wells Hall

Presenter: Peter White, pwhite@msu.edu

Description: In this interactive information session, I will describe my journey from being an interactive lecturer to implementing a full flipped-course approach in my teaching. I will engage the audience through through-provoking peer-discussion questions interspersed throughout the session. By the end of the session, I hope participants will be able to articulate the advantages and challenges involved when flipping a course.

Student Perceptions of Socialism for Simulation-Based Interprofessional Education in Healthcare

Date & Time: Thurs., May 11 from 9:30 - 10:00 a.m.

Place: Room B106 Wells Hall

Presenter: Mary Kay Smith, mksmith@msu.edu

Description: My session will focus on a technological tool, SocialSim, that I developed to promote interprofessional education as part of my doctoral studies. SocialSim is a tool using a microblogging platform (in my case, Twitter) which delivers a simulation to multiple learners of various disciplines in an effort to promote communication and communication. I aim to share details regarding components of developing the case simulation and method of delivery, in addition to findings of my study for the audience to consider.

Investigating the Helpful First-Year Writing Experience at Michigan State

Date & Time: Thurs., May 11 from 9:30 - 10:00 a.m.

Place: Room A120 Wells Hall

Presenter: Mathew Gomes, gomesmat@msu.edu

Additional Presenters: Wenjuan Ma

Description: This presentation reports on the factors that contribute to helpful first-year writing (FYW) course experiences. Based on a survey distributed in Fall 2016 (n=541), the presenters show that helpful factors of the FYW experience included both program goals for writing, as well as outcomes beyond institutional goals, such as the experience of inclusive classrooms. The presenters argue that the findings from this research can inform the design and implementation of writing curricula at both program and institutional levels.

Faculty Development in International Settings: Harnessing Design Thinking for Innovation

Date & Time: Thurs., May 11 from 10:15 - 10:45 a.m.

Place: Room B104 Wells Hall

Presenter: Kurt Richter, kurtr@msu.edu

Additional Presenters: John Medendorp, John Bonnell, Bill Heinrich

Description: We aim to engage a conversation on capacity building in higher education, through design thinking in international settings. We will share the framework for creating the Innovation Scholars Program, a new faculty development program. We will discuss challenges and lessons learned from international collaboration, assessment, and sustainable design thinking in teaching and learning.

Peer Review for 30 or 300: Teaching Feedback and Revision at Scale

Date & Time: Thurs., May 11 from 10:15 - 10:45 a.m.

Place: Room B102 Wells Hall

Presenter: Casey McArdle, cmcardle@msu.edu

Additional Presenters: Brian W. Jacobs

Description: This session will examine how faculty are able to facilitate feedback via Eli Review to create a knowledge making space for students where faculty can see student feedback, thinking, and growth over the course of the semester regardless of class size.

Beyond finding sources: How information literacy librarians can help you help students

Date & Time: Thurs., May 11 from 10:15 - 10:45 a.m.

Place: Room B100 Wells Hall

Presenter: Emilia Marcyk, marcyk@msu.edu

Additional Presenters: Sara D. Miller, Ben Oberdick, Elizabeth Webster

Description: Drawing upon years of experience working with a variety of instructional needs, librarians from the Information Literacy Unit will discuss with participants how they can help students navigate complex information ecosystems, effectively utilize information sources, and engage with key critical thinking and information literacy concepts.

JustInTimeMedicine: Powering competency-based education, empowering the Shared Discovery Curriculum

Date & Time: Thurs., May 11 from 10:15 - 10:45 a.m.

Place: Room B106 Wells Hall

Presenter: Gary Ferenchick, gary.ferenchick@hc.msu.edu

Additional Presenters: Heather Laird-Fick, Matthew Emery, Sathyan Sudhanthar, Anthony Paganini, Jonathan Gold, Robin DeMuth

Description: This information session would report on JustInTimeMedicine, an innovative software program powering our new competency-based Shared Discovery Curriculum. JustinTime Medicine is cloud-based software which facilitates the authoring of content, criterion-based assessment, capturing and analysis of learner data, and mapping of curricular structure and outcomes. It is device-agnostic, portable and usable in multiple environments by faculty, students, and staff to enable acquisition of real-time and cumulative learner and curricular outcomes assessment.

Does Diversity Matter to College Students? Case study from the Liberty Hyde Bailey Scholars Program

Date & Time: Thurs., May 11 from 10:15 - 10:45 a.m.

Place: Room A120 Wells Hall

Presenters: Shairah Abdul Razak, abdulr16@msu.edu and Alyssa Stepter, stepter3@msu.edu

Description: Due to the diversity of students who elect to participate in the Bailey Scholars Program (BSP), it is considered one of the most diverse programs at MSU. To continue enhancing self-directed and integrated learning amongst scholars, the BSP research team conducted a study exploring student perception and their corresponding experience of diversity. We collected student opinions around issues related to diversity, seeking to understand the dynamic lived experiences of our scholars. During this session, we plan to highlight significant findings from the 2016-2017 case study. We will facilitate a discussion around developing and understanding various approaches in order to integrate student awareness of diversity into practice and move forward with incorporating integrative learning inside traditional classrooms.

Enable Effective Learning and Teaching for International Scholars

Date & Time: Thurs., May 11 from 11:00 - 11:30 a.m.

Place: Room B104 Wells Hall

Presenter: Xinyu Wu, xinyuwu@msu.edu

Additional Presenters: Mina Shin, Ian Leighton, Todd Bradley

Description: The Visiting International Professional Program (VIPP) at Michigan State University (MSU) is a unique education service unit that provides non-degree certificate programs in executive education and professional development for international visitors who are from diverse background with varied English proficiency. VIPP developed two innovative courses - America 101 and Discovering MSU which provide a unique learning environment and approach that are most effective for international professional learners. VIPP staff and instructors will share their experiences and practices for international learners.

Using 3D Scanners in the Hollander MakeCentral: Makerspace

Date & Time: Thurs., May 11 from 11:00 - 11:30 a.m.

Place: Makerspace, MSU Main Library

Presenter: Erica Ervin, ervineri@mail.lib.msu.edu

Additional Presenters: Amanda Tickner

Description: We will provide an opportunity to play with our 3D scanners. Two hand held scanners (Structure) will be available for participants to experiment with scanning themselves and other objects. There will also be a demonstration of the desktop NextEngine 3D scanner and our 3D printers.

Collaborative Elaboration for the Novice Learner: A Modification of Problem-Based Learning

Date & Time: Thurs., May 11 from 11:00 - 11:30 a.m.

Place: Room B100 Wells Hall

Presenter: Angela Thompson-Busch, angela.busch@hc.msu.edu

Additional Presenters: Jonathon Gold, Migdalisel Colon-Berlinger

Description: We will first provide five minutes of reading material on fever. Then we will present a simple PowerPoint presentation on this topic that

allows learners with no background in medicine to elaborate on a real-life scenario. This presentation will highlight the ability to focus the elaboration on a variety of integrated scientific topics. Time will be left for questions and comments from the audience.

Creating Amazing Field Trip Experiences in the 4-H Children's Gardens

Date & Time: Thurs., May 11 from 11:00 - 11:30 a.m.

Place: Room B106 Wells Hall

Presenter: Norm Lownds, lownds@msu.edu

Description: Educators in the 4-H Children's Garden provide hands-on learning experiences for over 12,000 elementary students each year. These educators have partnered with instructors in Teacher Education (TE) to provide TE403 students a field trip experience that mimics the experience their elementary students would have. TE students experience some garden field trip activities, start an ongoing experiment and use some of the same technology tools that elementary students use in the 4-H Children's Gardens every day. Through these direct field trip experiences and discussions TE students have a basis on which they can build their own amazing class field trips both to the 4-H Children's Gardens or to almost any site.

LUNCH AND TWITTER EDCHAT

11:30 a.m.- 1:00 p.m.

**Hub for Innovation in Learning and Technology
Room D101 Wells Hall**

Join the conversation by searching #iteachmsu on Twitter.

The Graphic Wordmark: What Design History and Studio Practice Can Teach Each Other

Date & Time: Thurs., May 11 from 1:00 - 1:45 p.m.

Place: Room A120 Wells Hall

Presenter: Kelly Salchow MacArthur, salchow@msu.edu

Additional Presenters: Margaret Grace VanderVliet

Description: In this collaborative workshop, participants will design a wordmark (symbol) for personal or professional use. The presenters will model a team-teaching method that integrates design history and practice and encourages a holistic understanding of identity marks. Participants in this hybrid approach will receive an introduction to the relationship between historic and contemporary wordmarks and engage in interactive mind mapping and sketching. No prior art experience necessary. The workshop's goal is to stretch us towards innovation in teaching, experimentation with form, and a more complex knowledge of our field. Throughout, we will ask and reflect on how can we work together within and across disciplines to create a layered learning experience that enriches student engagement and production.

The Power of Green: Using Chromakeying to create dynamic instructional video

Date & Time: Thurs., May 11 from 1:00 - 1:45 p.m.

Place: Room B106 Wells Hall

Presenter: Charles B. Owen, cbowen@msu.edu

Description: The workshop will present the process for using chromakeying to product more interesting and engaging video content. We'll look at some examples of how chromakeying can used to produce more interesting and engaging content. Then we'll look at effective content capture, the keying process and settings in Camtasia, Premiere Pro, and After Effects, sources of background content including photography, composed backgrounds, and computer graphics. Finally, we'll examine ways to enhance the illusion of being in the scene though the use of layers, shadows, and motion tracking.

Getting Started With Desire2Learn

Date & Time: Thurs., May 11 from 1:00 - 1:45 p.m.

Place: Red Cedar Room West, Main Library

Presenter: Kristen Lee, leekrist@msu.edu

Description: This workshop will show participants core functions and features for getting started using D2L. Planned topics to cover include activating courses for student access, adding and managing course content, class list and email functionality, and a brief overview of additional tools in the system and what they can do. Time for questions will be allotted. Information on additional D2L training classes will also be provided for those interested in exploring D2L's capabilities in greater depth.

Using Team-Maker & CATME in Your Courses for Creating and Assessing Student Teams

Date & Time: Thurs., May 11 from 2:00 - 2:45 p.m.

Place: Room B110G Wells Hall

Presenter: Kathleen Hoag, hoagk@msu.edu

Additional Presenters: Kendra Spence Cheruvelil

Description: In this workshop, you will learn the basics of how to use Team-Maker and CATME (Comprehensive Assessment of Team Member Effectiveness) to create and assess student teams for your courses. CATME (www.CATME.org) is a free online website created by a group of NSF-funded faculty that helps instructors apply evidence-based methods in their courses. Workshop participants will be asked to create a CATME.org account in advance of the MSU workshop so that they can interact with CATME in a computer laboratory during the workshop. "How To" instructions and resources for using Team-maker and CATME will be provided by the workshop co-presenters.

Zoom!: How To Use Cloud Based Web Conferencing to Enhance the Learning Experience

Date & Time: Thurs., May 11 from 2:00 - 2:45 p.m.

Place: Red Cedar Room West, Main Library

Presenter: Dennis Hampton, hampto46@msu.edu

Additional Presenters: Kristen Lee and John Sfreddo

Description: The purpose of the round table is to use the experiences of attendees in the session to facilitate a discussion about creating effective impactful offsite course experiences using ZOOM Web Conferencing. Experienced Zoom trainers will be on hand to direct the session and provide hands on expertise via real time demonstrations of the tools and features available to users.

Cultivating a Feedback-Rich Classroom with Eli Review

Date & Time: Thurs., May 11 from 2:00 - 2:45 p.m.

Place: Room B110F Wells Hall

Presenter: Casey McArdle, cmcardle@msu.edu

Additional Presenters: Kate Birdsall, birdsall5@msu.edu

Description: Designed for both new and experienced teachers in any discipline, this hands-on workshop helps teachers develop proven strategies for cultivating peer learning as a core practice. Participants will leave the workshop with practices and action steps for facilitating peer learning in their classrooms.

Mental Modeler: A Fuzzy Cognitive Mapping software to promote and measure students' systems thinking

Date & Time: Thurs., May 11 from 2:00 - 2:45 p.m.

Place: Room B110H Wells Hall

Presenter: Steven Gray, stevenallangray@gmail.com

Description: This workshop will be divided into four parts. First, I will provide background information on Systems Thinking (ST) and model-based reasoning in the STEM classroom. Second, I will provide information on Fuzzy Cognitive Mapping (FCM) and introduce the interface and functionality of the online FCM-based software tool Mental Modeler (www.mentalmodeler.org). Third, through hands-on activities with participants we will use the software to model a complex system in small groups and collaboratively. Finally, the workshop will conclude with a discussion of general network metrics, scenario assessments, and qualitative rubrics that can be applied to student models to measure and assess ST in classroom settings across disciplines.

Beyond Basic Citation Management: Strategies for the Teaching and Learning Environment

Date & Time: Thurs., May 11 from 2:00 - 2:45pm

Place: Room B102 Wells Hall

Presenter: Suzanne Teghtmeyer, teghtmey@msu.edu

Additional Presenters: Andrea Kepsel, Hui Hua Chua

Description: Three librarians, experts in Endnote, Mendeley and Zotero, will lead roundtable discussions with faculty so they can more effectively use the tools to organize and enhance their research, engage and partner with colleagues to share research findings, and teach graduate and undergraduates these skills to develop valued scholarly practices



This conference has been a collaborative effort between the following units:

- The Academic Advancement Network
- The Graduate School
- The Hub for Innovation in Learning and Technology
- The Office for Inclusion and Intercultural Initiatives
- IT Services Teaching and Learning
- MSU Libraries
- The Office of the Associate Provost for Undergraduate Education
- The Neighborhoods Student Success Collaborative

We also thank all presenters and participants for their meaningful contributions to this conference.