# **Transformational Education Conference**

January 21, 2020

UW-Platteville

9:00 am - 3:30 pm

9:00 am-10:30 am **Inclusive Pedagogy with Dr. Dong Isbister**  Harry and Laura Nohr Gallery

10:45 am-11:45 am **Session I – Concurrent Workshop Sessions**

Mississippi Room **Intercultural Change Leadership**

by Jason Laker

Wisconsin Room **Playing with Inclusive Pedagogy: Scenes and Discussions**

 by Marnie Dresser, Gail Hoffman, Dennis Carpenter, Dale Murray and Amy Grams

University North **Service-Learning Workshop: Explore this high impact practice that enhances inclusive education & help shape the future of service learning at UW- Platteville**

 by Kristina Fields, Will Hoyer, Lynnette Dornak and Adam Stanley (Workshop)

University South **Keen on Pedagogy: Applying Entrepreneurial Minded Learning to a Single Class Period**

 by Jessica Fick, Kyle Horne, Anne-Marie Lerner and Jodi Prosise

12:00 pm – 1:00 pm **Lunch**  Velzy Commons

1:15 pm - 2:15 pm **Session II**

Mississippi Room **Creating Inclusive Writing Assignments that Minimize Equity Gaps** by Joshua Anderson, Amanda Tucker, and James Romesburg

Wisconsin Room **Engaged Learning in STEM Session featuring:**

 Creating Visual Explanation for Capstone Courses and Lab in Engineering Disciplines by Robabeh Jazaei and Samad Gharehdaghi

 Integrating Computational Chemistry into the undergraduate Chemistry Curriculum by Soma Chattopadhyay

 Incorporating Course-Based Undergraduate Research Experience (CURE) in an Introductory Course in Biomedical Engineering (ME 4500) by Bidhan Roy

University North **Integrating Technology into STEM Classrooms Session featuring:**

 Developing an interdisciplinary mechatronics laboratory as a platform for teaching Industry 4.0 concepts by Hal Evensen

 Using InTeGrate Modules to Teach Geology in the Context of Societal Issues to General Education Students by Chelsea Lancelle

Enhancing student learning and engagement in 3-D: Using 3-D models to improve student understanding of molecular structure, interactions, and function by Raymond Pugh

University South **Access and Equity Session featuring:**

 Designing for Another: Experiencing Empathy in the Classroom through the Wallet Project by Marcia Harr Bailey

 Guiding Learners to Build a Growth Mindset by Nick Pinnola

Beyond Equality and Equity: Social Justice in Teaching Practices by Gana Natarajan

The Road to Dignity: Capturing the model of change of a re-entry program for incarcerated youth using Mezirow's theory of transformational learning by Dan Leitch

2:30 pm - 3:30 pm **Session III**

Mississippi Room **Integrative Learning in STEM Session featuring:**

 Student Perceptions on Adding Mathematical Journals into a Precalculus Course by Kevin Bombardier

 A Scaffolding Approach for Improving Learning and Skills Development in a Diverse Upper Level Classroom by John Peterson

Using Writing as a Tool to Promote Conceptual Understanding by Raymond Pugh

Wisconsin Room **Access and Inclusion in STEM Session featuring:**

 Revising the Mechanical Engineering Weedout Course of Record by Toni Cummings

Create-a-World: An Accessible Signature Assessment in a Natural Science General Education Course by Evan Larson, Lynnette Dornak, Jim Valiga, and Chris Underwood

 Implement Inclusive Pedagogy in Teaching a Concept-Heavy Foundation Course in Engineering by Xiaohong Wang

University North **Internationalizing the Curriculum: What Can We Do?**

 by Edina Haslauer, Yuanyuan Hu, and Louis Nzegwu

University South **Meta-Game: Using Game Elements in Lesson and Course Design** by Kameko Halfmann and Doug Selent