2018 Conference Agenda
SATURDAY, OCTOBER 13, 2018

The D80 conference is sponsored by Michigan Tech’s D80 Center, the Sustainable Futures Institute, Pavlis Honors College and the Visiting Women & Minority Lecturer/Scholar Series (VWMLSS) which is funded by a grant to the Office of Institutional Equity and Inclusion from the State of Michigan’s King-Chavez-Parks Initiative.

8:30 am  
Registration Opens  
MUB Ballroom

9:00 am  
Welcome by Dr. Audra Morse  
Department Chair, Civil and Environmental Engineering  
MUB Ballroom

D80 History by Dr. Dave Watkins  
Distinguished Professor, Civil and Environmental Engineering

9:15 am  
World Cafe Conversations  
MUB Ballroom B

Panama Water Systems - iDesign  
Ghana Project Presentation - Global Leadership  
Tanzania Project Presentation - Global Leadership  
The Cultural Experience of International Immersion - Global Leadership

Upper Peninsula Education System - Peace Corps Prep

10:20 am  
Break

10:30 am  
Breakout Sessions

Working For a Cause, Not Just a Company  
MUB Ballroom A1

Facilitator: Melissa Michaelson, MTU Career Services

A panel of professionals in academia and industry will discuss how they’ve incorporated “a cause” into their life’s work.

- **Emily Leach**: Superior Watershed Partnership  
- **Dr. Alex Mayer**: MTU - Geological & Mining Engineering  
- **Emily Gochis**: MiSTEM in the Western U.P.  
- **Dr. Melissa F. Baird**: MTU - Social Sciences  
- **Jill Fisher**: Keweenaw Land Trust
Design Thinking: Putting People First

Facilitator: Amanda Moya & Andrew Miscimarra, Global Leadership Students

In this workshop participants will gain an understanding of the basics of Design Thinking and how it can help to facilitate a human-centered approach to design. Utilizing makerspace resources participants will try their skills at designing an innovative solution to a D80 challenge.

11:20 am  Break

11:30 am  Lunch

Keynote Introduction: Mary Raber, Pavlis Honors College
Keynote Address: Erna Grasz, Asante Africa Foundation

12:45 pm  Breakout Sessions

The “Art” of D80
Facilitator: Darnishia Slade, Pavlis Honors College
Panelist will discuss how they utilize their artistic gifts to expose, design, and address the needs of the world’s poorest 80%
  • Dr. Tomas B. Co - MTU - Chemical Engineering
  • Dr. Erin Smith - MTU - Humanities Digital Media Zone
  • Amanda Vermeer - Global Leadership Student (Ghana)

Doing Our Part: Alternative Spring Break (ASB) Service Trips
Facilitator: Laura Schimmel, Global Leadership Student
Panelist will discuss various ASB trips which allowed them to gain awareness to the challenges of the communities they visited as well as the benefits that volunteering provided to both the students and the communities.
  • Memphis, TN - Center for Diversity and Inclusion
  • Detroit, MI - National Society of Black Engineers
  • D.C., N. Carolina & New Mexico - Habitat for Humanity

1:35 pm  Break

1:50 pm  World Cafe Conversations
PanaMac Bridge Team - iDesign
The Many Faces of Central Appalachian Poverty - Peace Corps Prep
Designing a well in the rural highlands of Guatemala - Engineers Without Borders

2:55 pm  Closing Remarks