Friday, October 14th	**Time**	**Fall 2022 MCCB Conference Agenda**
Outside CLAB 186/187	5:00–5:30pm	Check-in/registration
CLAB 186/187	5:30-6:30	Dinner (Pasta Buffet)
CLAB 186/187	6:30–8:00	Dr. Kevin Pangle "Great Lakes Research at CMU"
Saturday, October 15th		
Outside CLAB 186/187	8:00-8:15 am	Check-in/registration Photo Contest set-up (in CLAB 186/187)
CLAB 186/187	8:15-8:45	Continental breakfast and Welcome address MCCB President John Doudna
CLAB 186/187	8:45-9:45	MMC students and Trish Finerty "Marine Biology in the Florida Keys"
	9:45-10:00	Break
CLAB 186/187	10:00-11:00	Eliza Lugton "The Shiawassee National Wildlife Refuge: Estuarine Gateway to Saginaw Bay"
Outside CLAB 186/187	11:00-11:30	Group A: Time to interact with vendors, photo contest viewing and voting Group B: Campus tour
Outside CLAB 186/187	11:30-12:00	Group A: Campus tour Group B: Time to interact with vendors, photo contest viewing and voting
CLAB 186/187	12:00-1:00	Lunch & MCCB General Membership meeting
CLAB178 CLAB 179	1:00-1:50	Break out session 1: Option 1 - Dr. Katherine LaCammare "New Techniques for Teaching Genetic Drift" Option 2 – Ben Crockett, North Central Michigan College – "Contemporary Approaches to Energize the A&P Classroom – A Facilitated Discussion" (roundtable)
	1:50-2:00	Break
CLAB 178 CLAB 179	2:00-2:50	Break out session 2: Option 1 - Trish Finerty and Heather Wesp "Remote Options for Biology Lab Activities" Option 2 - Joe Esquibel "Methods to Increase Quantitative Biology Education in CC Biology Courses"
	2:50-3:00	Break
CLAB 178 CLAB 179	3:00-3:50	Break out session 3: Option 1 - JJ Mertz "The Hunting and Angling Scholars Program at MMC" Option 2 - John Doudna "Future directions for MCCB" (roundtable)
	3:50-4:00	Break
CLAB 186/187	4:00-4:30	Winners of the Photo Contest and Closing remarks John Doudna

Presentations:

Dr. Kevin Pangle, Central Michigan University - "Great Lakes Research at CMU"

Trish Finerty, Instructor Mid Michigan College and Katie Snow and Sara Belfry, students Mid Michigan College - "Marine Biology in the Florida Keys"

Learn more about how to plan, promote and teach a travel course at your college. Trish will present from the instructor side and two of the participants from the course will present the student perspective along with some of the labs and citizen science projects that they participated in during the course.

Eliza Lugton - "The Shiawassee National Wildlife Refuge: Estuarine Gateway to Saginaw Bay"

Break out session #1:

Dr. Katherine LaCommare, University of Michigan – "Using Avida-ED to teach evolutionary concepts and data analysis in an Introductory Biology Curriculum"

In the words of Craig Nelson, "Why don't undergraduates really "get" evolution?" Evolution is a central theme in biology and is an aspect of biology education at all levels - non-majors through advanced degrees - yet misconceptions about mutations, natural selection and genetic drift can persist through all of these levels. I will discuss some of these misconceptions, student difficulties with evolutionary concepts and share how we are using Avida-ED, the educational version of Avida (See https://avida-ed.msu.edu/), in a series of introductory biology labs to teach the random nature of mutation, natural selection, genetic drift and data analysis at UM-Dearborn.

Please bring your laptop if you have it to make this an active workshop.

Ben Crockett, North Central Michigan College – "Contemporary Approaches to Energize the A&P Classroom – A Facilitated Discussion"

Join Ben for an active learning session and share strategies for the A&P classroom.

Break out session #2:

Heather Wesp, Montcalm Community College and Trish Finerty MidMichigan College - "Remote Options for Biology Lab Activities"

Heather and Trish will present their experiences with developing and implementing lab kits that are used with online biology (environmental science, general biology, and A&P) courses. They will bring examples of kits they have developed, share what they have learned in the process of developing the kits, and discuss the pros and cons of creating your own kits.

Joe Esquibel - “Methods to Increase Quantitative Biology Education in CC Biology Courses”

Biology has become an increasingly quantitative science, and the development and reinforcement of strong quantitative skills is important for student success. Corwin et al (2019) identified key challenges in teaching quantitative skills in community college introductory biology, including lack of faculty pedagogical content knowledge and lack of well aligned educational resources. QB@CC (Quantitative Biology at Community Colleges) is an online collaborative network of math and biology community college faculty that work to address these challenges. QB@CC recruits small groups of faculty to create quantitatively focused modules that can be adopted in both biology and math classrooms. Learn how you can use the activities that have already been created or even join a small team to create a new module.

Break out session #3:

JJ Mertz, Mid Michigan College - "The Hunting and Angling Scholars Program at MMC"

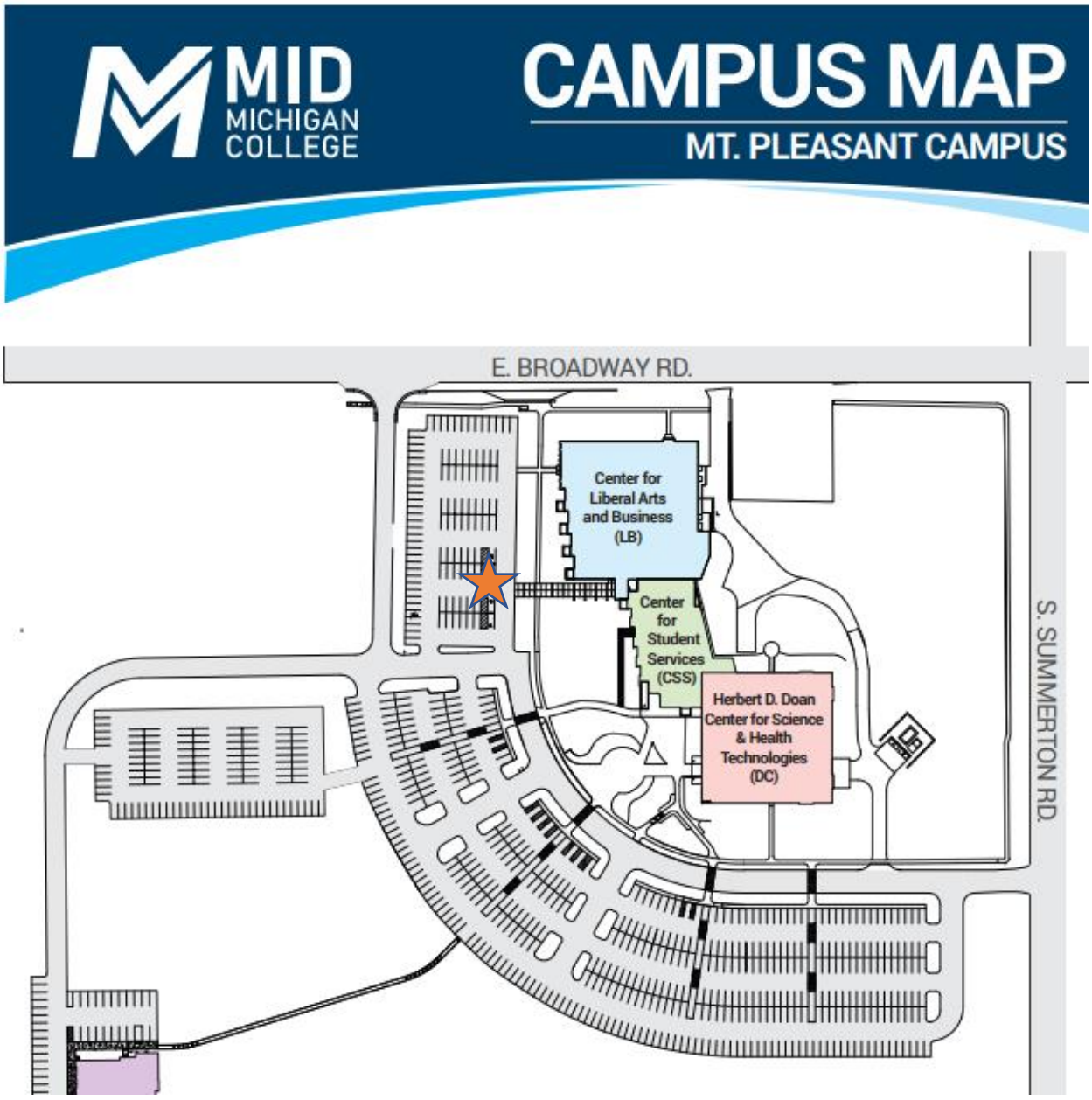
Hunting & Angling Scholars participate in experiential learning activities outside of their academic pathway to enhance their education and make connections with industry leaders in the outdoor field. Participants will explore the ways hunting, fishing, land management, media production, conservationism, safety, and promotion of the great outdoors connect through coursework, projects, and storytelling opportunities.

John Doudna - "Future directions for MCCB" (roundtable)

Join MCCB President John Doudna to share ideas of what you think the future should look like for MCCB.

Campus Maps

The conference will be in the Center for Liberal Arts and Business (CLAB). The best place to park will be the lot just west of the CLAB, off Broadway Street (orange star)



Entering by the CLAB entrance, the community room (CLAB 186/187) is to the left of the entrance.