Monday October 3rd

7:30 – 8:30 am  Registration and Continental Breakfast – Conference Lobby

Following are located in Ballrooms ABC

8:30 – 8:45 am  Welcome and Agenda Overview – Dr. Tiffany Rogers-Randolph and Mark Forbush

8:45 – 9:00 am  MSU Update on AFNRE – Dr. Rebecca Jordan, CSUS Department Chair and Dr. Aaron McKim CSUS/AFNRE

Participants will be provided an update on information related to the AFNRE secondary teacher preparation program – Aaron to check

9:00 – 9:15 am  FFA Foundation – Kyle Schaberg, Assistant Director of Development Michigan State University

9:15 – 9:45 am  Michigan FFA Update – Dr. Tiffany Rogers-Randolph, Michigan FFA

Participants will be provided information on State FFA activities.

9:45 – 10:15 am  National FFA Update – Karen Hutchinson, National FFA

Participants will be provided with an update on National FFA activities, National Convention and general updates related to FFA.

10:15 – 10:45 am  Michigan Department of Education Updates – Mark Forbush, MDE & CSUS/AFNRE

Participants will be provided information on trends at the State and National level related to AFNRE key topics.

10:45 – 11:00 am  Break

11:00 – 12:15 pm  Session I - CDE/LDE Updates for 2022-23 – Dr. Tiffany Rogers-Randolph and Mark Forbush

In this fast-paced session, teachers will have the opportunity to learn about the updates and changes from each contest which was reviewed this summer and approved by the Board of Directors in September.

- Greenhouse Crop Management
- Ag Mechanics
- Agronomy (Crops)
- Environmental Skills
- Horse Judging
- Food Science
- Dairy Foods (Milk Quality)

12:15 – 1:00 pm  Networking Luncheon – Sponsored by iCEV – Ballrooms ABC
1:00 – 2:00 pm  Session II – Select one of the following concurrent sessions:

Student better tracking SAE skills and Teacher Tools to be the "S" Back in SAE! - AET – Dr. Roger Hanagriff  – Ballrooms AB
This session will cover the core concepts of students planning and tracking their SAE skills in AET. This session will also cover how you or employers you assign to students can track their SAE skills to improve student experiences and validate SAEs. These are key aspects that connect to SAE for All and align with Perkin's data to validate students' WBL projects.

Innovative Teaching Resources – TE 407 Teaching Methods Students – Reo
Come join AFNRE seniors enrolled in TE 407 Teaching Methods as they share innovative teaching ideas and resources in this fast-paced, engaging session.

Food Science – Emma Peterson – Ballroom C
Updates to the Food Science CDE Contest have occurred. Learn more on how to coach your students during this session

2:05 – 3:05 pm  Session III – Select one of the following concurrent sessions:

New Program Management Report & Demographic Comparisons in AET – Dr. Roger Hanagriff  – Ballrooms AB
Using student and program records, we have a series of "Program Management Reports" in AET and new program/student demographic reports that compare your program to state and national values! These reports cover classroom retention and involvement, FFA leadership engagement, SAE success, and program parity for each school year. Come to this session and view your data, which may help promote your program!

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Photosynthesis and Cellular Respiration Shuffle - Agriscience Teacher Ambassador - Matt Bernia – Ballroom C
Are you bored with how you teach processes or cycles? Then this workshop is for you. Learn how to incorporate inquiry into these processes! Get ready to shuffle up your instruction with this Photosynthesis and Cellular Respiration Lab!

3:05 – 3:20 pm  Break

3:20 – 4:20 pm  Session IV – Select one of the following concurrent sessions:

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Agronomy Contest – Erin Hannah – Reo
Updates to the Agronomy CDE Contest have occurred including changes to specimen ID and an addition of practicum questions. Learn more on how to coach your students during this session.
**Early Career – Kera Howell and Dr. Buddy McKendree – Ballrooms AB**

Are you an early career AFNR educator in years one, two, or three? Come join us – MAAE 0-9 President Kera Howell and MSU AFNRE Faculty Buddy McKendree – as we lead a session focused on propelling early career teachers forward. This session is open only to early career teachers in years one, two, or three of teaching AFNRE.

- **4:20 – 4:35 pm** | Break
- **4:35 – 5:00 pm** | Join Association Meetings:
- **5:00 – 5:50 pm** | MAAE Meeting (Cord Room) & MHTA Meeting (Toscana Room)
- **5:50 – 6:30 pm** | Connecting and Reconnecting with AFNRE colleagues – Ballrooms ABC
- **6:30 – 8:00 pm** | Teacher Award Dinner – MAAE and MHTA – Ballrooms ABC
- **8:30 – 8:45 pm** | State Officers Reflections – Royale Atrium
- **9:00 – 11:00 pm** | FFA Dance (Ballrooms DEF) /Game Night (Cord Room)

Teachers/Advisors with students, please supervise the dance and game night.

**9:00 to 11:00 pm** | **Teacher Induction Meeting – Dr. Buddy McKendree – Ballrooms ABC**

A session for teachers currently enrolled in the MSU AFNRE Teacher Induction Masters course, focused on exploring our challenges, success, and mentoring needs as early career educators. This session is open only to CSUS 864 students.

**Tuesday October 4th**

- **7:00 – 7:40 am** | Networking Breakfast – Ballrooms ABC
- **7:40 – 7:50 am** | Ken Bollinger – Ballrooms ABC
- **8:00 – 8:55 am** | **Perkins V standards to competencies – Dr. Aaron McKim and Mark Forbush – Ballrooms ABC**

We will use this time to help teachers understand the Career Prep Grant process as we plan and complete the work to transition from Perkins IV to Perkins V.

- **9:00 to 11:00** | **Session V – Discussions on Issues for AFNRE Teachers – Ballrooms ABC**

**Teacher will engage in table discussions on the following topics**

Teachers will be putting information from each topic into a google document in the Fall PDI Google Drive.

The items below were sent to the AFNRE team as topics to be covered in this session.

- POA Planning
- Working with alumni and business leaders in your community
- Program Transitions
- Running a livestock facility at your school
- Working with students who survived the pandemic
- Other issues facing AFNRE teachers and their program
11:00 to 12:00 pm  Networking Lunch

12:00 to 12:45pm  Session VI – Select one of the following concurrent sessions:

**How will we sustainably feed nearly 10 billion people in 2050?**  – Michelle Blodgett, Michigan Agriculture in the Classroom Manager and Katie Eisenberger, High School and Collegiate Programs Specialist – Ballrooms ABC
Working with Agriculture in the Classroom and Michigan Farm Bureau to educate youth about local, state, national and international food challenges. Learn first-hand how to support your community challenges today and classroom resources to support you in teaching students about how they can support the mission of How will we sustainably feed nearly 10 billion people by the year 2050?

**Promoting Diversity, Equity, and Inclusion in Agriscience Education** – Jane Rice, Earth and Environmental Sciences at Michigan State University – Reo
This workshop will focus on practical strategies for building inclusive and equitable agriscience classrooms. You will leave this workshop empowered to create a classroom where all your students are included in making decisions on issues important to them.

**Utilizing Your School Farm or Greenhouse** – Jorhie Beadle and Abbey Palmer – This runs through both time slots. From 12:00 to 1:30pm OFF SITE – Meet in lobby to carpool
Join this interactive session for a tour of the Bailey GREENhouse and introduction to the RISE Program at MSU. Learn the benefits and application process for Michigan Agriculture Environmental Assurance Program verification, food safety activities for students harvesting produce that is used at the school, and strategies for outdoor classroom management.

12:45 to 1:30pm  Session VII – Select one of the following concurrent sessions:

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1:40 to 2:55 pm  Session VIII – Lightning Round Resource Rotation –
Mark Forbush, MSU/MDE – Ballrooms ABC & Reo

Each rotation will last 15 minutes, and teachers will choose 4 of the six below to participate in during this session.

**Intergroup Dialogue – Bridging the Urban-Rural Divide – Dr. Michael Kaplowitz – Ballroom A**
This roundtable will share about intergroup dialogue (i.e., a co-facilitated conversation between members of two or more social identity groups to create new levels of understanding, relating, and action), how it works, as well as share preliminary ideas about developing an intergroup dialogue curriculum focused on bridging the urban-rural divide.

**Teacher Perceptions of Evidence-Based Reporting – Chase Bos MA Project – Ballroom B**

**Teaching Resources Aligned with Next Generation Science Standards – Tiffany Marzolino – Ballroom B**
Materials for two NGSS aligned, inquiry centered units that ask, "How do trees get so big?" and "How do cows make milk?". Students will create a scientific model that elaborates on how these two natural processes occur. The plant focused unit is built around photosynthesis and cellular respiration, whereas the animal unit is focused on organ and system anatomy, how body systems work together, and requirements for lactation. These units are easily customizable and offer an alternative assessment that can be fun to design around!

**Incorporating Sustainability in Agriculture, Food, and Natural Resources Classrooms: Farming for Tomorrow – Sarah Davis MA – Ballroom C**

**National FFA Resources – Jennifer Woods – National FFA Ambassador – Ballroom C**
Looking for some educator resources like free lessons, SAE resources, or choice boards? Join your National FFA Ambassadors to see what FFA.org has to offer and be entered to win some FFA swag.

**World Food Prize – Brian Wibby – Reo**
World Food Prize Michigan Youth Institute - Meeting Today’s Educational Standards and Practices. How can this free resource and event enhance the work you do with young people? Working towards a common goal, to provide a sustainable and secure global food supply, the World Food Prize MI Youth Institute (WFPMIYI) bridges interests across English language arts, social studies, culture, economics, STEM, health, and nutrition, as well as agriculture, natural resources, and conservation. The WFPMIYI provides learning opportunities and interactions that are interdisciplinary and foster life and employability skills.

2:55 pm  Adjourn

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**Fall PDI Sponsors**
Michigan Department of Education
Michigan State University
College of Agriculture and Natural Resources
Department of Community Sustainability
Michigan FFA Association
iCEV

Final 9/26/22