



STEM Education Innovation Alliance

MEETING AGENDA

DATE October 2, 2019
TIME 9:00 AM to 3:30 PM
LOCATION Confluence Technology Center
285 Technology Center Way
Wenatchee, Washington 98801

TOPICS | New technology in evolving and lucrative agriculture industries and hydroelectric power research advancements

- 9:00 AM **Welcome & Introductions**
Gene Sharratt | *Co-Chair, STEM Alliance*
Michelle Price | *Superintendent, North Central Educational Service District*
Jim Richardson | *President, Wenatchee Valley College*
- 9:30 AM **Research, Innovation and the Future of Washington State**
Noel Schultz | *Professor*
Washington State University School of Electrical Engineering and Computer Science
Voiland College of Engineering and Architecture
- 10:15 AM **Break**
- 10:30 AM **Recommendations to Legislature**
John Aultman, *Executive Policy Advisor for Higher Education and Workforce Development* | Washington State Office of the Governor
- 10:45 AM **WSU and USDA Tree Fruit Research: Staying Ahead of the Curve**
Moderator: **Jim McFerson** | *Director*
Washington State University Tree Fruit Research and Extension Center
- “Climate Change Brings New Challenges for the Pacific Northwest Tree Fruit Industry”
Lee Kalcsits | *Assistant Professor: Tree Fruit Physiology*
Washington State University Tree Fruit Research and Extension Center
- “Cosmic Crisp® - Washington’s Own Apple and More to Come!”
Katherine Evans | *Associate Scientist/Associate Professor*
Washington State University Tree Fruit Research and Extension Center
- “Underground Frontiers and the Soil Microbiome”
Vincent Jones | *Professor & Entomologist, Director of WSU-Decision Aid System*
Washington State University Tree Fruit Research and Extension Center

“Next Generation Science to Ensure Fruit Quality”

Loren Honaas | *Research Molecular Biologist*

United States Department of Agriculture | Physiology and Pathology of Tree Fruits Research

Synopsis

Sue Kane | *Apple STEM Network Regional Director*

Northcentral Educational Service District

12:15 PM

Working Lunch

12:45 PM

School and Workforce-related Partnerships

Organizational Structure/Communications

Dennis Conger, *Director of Career and Technical Education & Students*

Wenatchee High School

Postsecondary/Computer Science Presentations

Sue Kane & Students

Northcentral Educational Service District

1:45 PM

Break

1:55 PM

Hydropower Research Institute and Microsoft Strategic Partnership

Kirk Hudson, *Managing Director - Generation and Transmission*

Chelan County Public Utility District (PUD)

Douglas County PUD Hydrogen Production Initiative

Gary Ivory, *General Manager*

Douglas County PUD

2:30 PM

Legislative Priorities – The Work Ahead

Senator Brad Hawkins, 12th Legislative District (Wenatchee)

Washington State Senate

Senator Lisa Wellman, 41st Legislative District (Mercer Island)

Washington State Senate

3:30 PM

Meeting Adjourn

4:00 PM

Tours

Tour opportunities are listed below and do require an RSVP in advance to ensure proper transportation

(1) Rocky Reach Dam | Chelan County PUD → Power Generation

(2) Stemilt Growers, Inc. | “The Fresh Cube” distribution center

→ Innovations, Robotics, IT Applications

(3) Confluence Technology Center → “Science in the Valley” seminar

LOCAL PLANNING TEAM

Many thanks to the following people for developing the meeting agenda, pulling together these great speakers and arranging the tours. What a great job!

Jim McFerson
Sue Kane
Karina Vega-villa
Kirk Hudson
Dennis Conger
Michelle Price
Linda McKay
Gene Sharratt

FOR MORE INFORMATION AND ASSISTANCE

Ellen Matheny (*STEM Alliance Manager*) welcomes you to contact her at:
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PRELIMINARY DRAFT