

**WAASED Summer Meeting Agenda
June 28-July 1, 2020
Virtual Zoom Series**

All Times are Pacific Time Zone

Minutes

Attendance: Patricia Coleman, Chris Davies, Scot Hulbert, Gene Kelly, Mark McGuire, John Talbott, Suzanne Slutka, David Gang, Walter Bowen, Eric Webster, Leslie Edgar, Sreekala Bajwa, Bret Hess (WAAESD Executive Director) and Jennifer Tippetts (WAAESD Recording Secretary)

- I. **Call to Order, Welcome and Introduction-** Mark welcomed everyone and called the WAASED Summer Business Meeting to order. There were brief introductions including Jennifer Tippetts, WAASED Recording Secretary, Suzanne Slutka, Western Region liaison from NIFA, and Eric Webster, representing Wyoming.
- II. **Approval of Business Meeting Agenda** – Scot made a motion to accept the agenda, Gene seconded the motion; motion passed unanimously.
- III. **2021 Spring Meeting Minutes** – Bret reported that John had an opportunity to review all three days of the minutes, a few minor revisions have been incorporated. On behalf of John, Bret made the motion to approve the minutes included in the packet, Chris seconded the motion; motion passed unanimously.
- IV. **Interim Actions** – Mark reviewed the interim actions, highlights are listed.
 - a. WAASED received a Capital One business card, which is eligible for 1.5% cash back on all purchases, with a maximum credit line of \$2,000.
 - b. There is continued effort on the website redesign.
 - c. There is a new contract for business administrative management, events coordination, and communication.
 - d. There is a commitment by Arizona to re-join.
 - e. A CPA was hired to file the 990EZ tax return and transition into QuickBooks, this will assist in FY22 assessments.
 - f. Another significant area is relations with external organizations and partners, including the Council of State Governments West. CSG West are facilitating efforts in Alaska, Idaho, and Washington State. Facilitation efforts include working together on programming and tours while CSG West is in Idaho.
 - g. Signed on to letters generated by the Supporters of Agriculture Research (SoAR) to President Biden and Congressional Leadership encouraging increased funding for agricultural climate research, agricultural innovation, and agricultural research infrastructure.
 - h. Endorsed International Year of Rangelands and Pastoralists (IYRP) proposed for 2026, which will promote a wide variety of activities focused on rangelands and grasslands.
 - i. Approved the use of the WAAESD logo by IYRP.
 - j. Signed a letter submitted to Congressional Leadership by Farm Journal Foundation supporting the America Grows Act of 2021 that was introduced by Senators Durbin and Moran.
 - k. Encouraged WAAESD to join the Western Policy Network, which is led by WGA.

- l. Endorsed continuation to broaden the relationship with WGA, including assisting WGA with nominations for their leadership institute and opportunities to participate in the Western Prosperity Forum.
 - m. Support multi-state research impacting the 500 series project of the Western Water Network.
 - n. The Executive Committee supported Regional Review of Multi-state Research Projects serving as final approval in the process, thereby eliminating NIFA from the final approval process.
 - o. Identified members to serve as WAAESD officers on various regional and national committees.
 - p. Submitted comments to NIFA regarding the FY2023 funding priorities for REE. Priority recommendations were extracted from the Western Agenda and the submission was a joint effort with chairs of WEDA and W-APS.
 - q. Regional approval of the effort to allow all multi-state research projects to be accepted in the region as opposed to NIFA approval.
 - r. Submitted a regional response to NIFA regarding the updated Policy Guide.
 - s. Submitted a regional response to NIFA regarding the Farm of the Future RFA.
- A motion was made by Patricia to approve the Interim Actions and Executive Committee Report, seconded by Chris; motion passed unanimously.
- V. **Treasurer's Report** – Gene commented that QuickBooks has made reporting much easier. The report includes a copy of the 990-tax return, balance sheet, profit and loss, and accounts receivable summary. There is a balance of unrestricted net assets of \$91,216.04 for the end of the year. Hawaii and Utah have paid their assessments, but the two are showing up on the AR report due to a rounding error in the spreadsheet that was used to generate the invoices. All others have not yet paid their assessments. CSU has made the transfer of funds, in the amount of ~\$100,000. That transfer is not reflected on this report because we are waiting for a response from the accountant on how to record, as either income or equity. Bret noted that Utah and Hawaii are highlighted because the spreadsheet used to calculate overcharged by one penny, therefore next year when billed there will be a one penny credit. This is a seconded motion from executive committee; motion passed unanimously to approve the treasurer's report.
- VI. **By-Laws Revisions** – Chris presented the changes which updated the term for the secretary to a two-year term. This is a seconded motion from the executive committee; motion passed unanimously to approve the changes to the bylaws.
- VII. **WAAESD & ESCOP Elections** – 2022 ESCOP Officers from WAAESD and Committee Nominations
- a. Chris Pritsos, ESS Chair
 - b. Mark McGuire, BAA Policy Board of Directors
 - c. Scot Hulbert, WAAESD Chair-elect
 - d. Gene Kelly, WAAESD Treasurer
 - e. Leslie Edgar as WAAESD Secretary (agreed to two-year term from by-law update)
 - f. Sreekala Bajwa and Chris Pritsos as WAAESD Executive Committee At-Large.
 - g. Bret Hess, Western Regional Rural Development Center (to fill Milan's seat).
 - h. John Talbot is the current member of the Western Regional Aquaculture Center.
 - i. Sreekala Bajwa, Budget & Legislative Committee.
- Bret called for nominations from the floor three times. None were presented.
- This was a seconded motion from the executive committee; motion passed unanimously to approve the 2022 ESCOP Officers from WAAESD and Committee nominations.
- VIII. **Administrative Advisor Openings** – Bret reviewed packet page 32, of the needed Administrative Advisors, below were the highlighted positions:

- j. WERA1014 Intensive Management of Irrigated Forages for Sustainable Livestock Production in the Western U.S. Need a replacement for Patrick Hatfield
- k. WERA1021 Spotted Wing Drosophila Biology, Ecology, and Management. Need a replacement for Laura Lavine.
- l. W1188 Maintaining Resilient Sagebrush & Rural Communities. Need a replacement for John Talbott.
- m. W 2194: Children's Healthy Living Network (CHLN) in the U.S. Affiliated Pacific Region Mike Gaffney has been recommended, as Sereana from Guam is no longer in her position.
- n. W4004 Marketing, Trade, and Management of Aquaculture and Fishery Resources. Need a replacement for John Talbott.
- o. W4185 Biological Control in Pest Management Systems of Plants Need a replacement for Tim Paine and the person he recommended from his college is retiring.
- p. W4186 Variability, Adaptation and Management of Nematodes Impacting Crop Production and Trade. Need a replacement for Joyce Loper.

Bret asked for volunteers or suggestions for nominations to serve in any of the positions reviewed. These positions require nominee to be at least a department chair, and we prefer for an assistant/associate director to serve as AA for the multi-state research projects. For WERA the current AA is a department head, and department heads would suffice. Please send suggestions to Bret.

- IX. **Preparation for Joint Sessions** – Mark reviewed the program for the remainder of the week. Please be aware the link for the Joint Session is DIFFERENT than the current link. The CURRENT link will be used again on Thursday, July 1. Be sure to use the Joint Session link after break through Wednesday's program.
- X. **Meeting Adjourned.**

WAASED 2021 Summer Business Meeting Agenda

Attendance: Kellie McFarland, Sherry Cooper, Bret Hess, Claus Tittiger, Ania Wieczorek, Barbara Rasco, Bob Mattive, Brad Gaolach, Bryan Wolfe, David Gang, Eric Webster, Hunt Shipman, Jax Tinetti, Jon Boren, Leslie Edgar, Lyla Houglum, Mark McGuire, Saige Zespy, Scot Hulbert, Suzanne Stluka, Todd Nims, Walter Bowen, Kelly Crane, Michael Mellano, Tracy Dougher, Wendy Powers, Bill Hoffman, Carrie Castille, Sreekala Bajwa, Anita Nina Azarenko, Barbara Petty, Bill Payne, Blake Naughton, Brad Gaolach, Brian Warnick, Bryan Wolfe, Caron Gala, Cath Kleier, Chris Davies, Cody Stone, Donald Conner, Doug Steele, Eric Tanouye, Gene Kelly, Glenda Humiston, Jeff Goodwin, Leslie Edgar, Lindsey Shirley, Lyla Houglum, Mae Nakahata, Mike Gaffney, Patty Coleman, Pete Pinney, Robert Kidd Wyoming, Scot Hulbert, Shannon Horrillo, Suzanne Stluka, John Talbott, Tracy Dougher, Tracy Morgan, Vicki McCracken, Wendy Fink, Wendy Powers, and Jennifer Tippetts (WAAESD Recording Secretary)

- XI. National Updates-** Moderated by Barbara Rasco, Dean, College of Agriculture and Natural Resources, University of Wyoming
- a. **NIFA-** Carrie Castille, Director of National Institute of Food and Agriculture (NIFA)
 - i. Carrie reported that they have been hard at work at NIFA, with over 200 staff and they continue to hire.
 - ii. Carrie watched presentations from the team last week.
 - iii. Project Café recap. <https://nifa.usda.gov/project-cafe>
 - iv. Global Change and Climate Programs <https://nifa.usda.gov/program/global-change-and-climate-programs>
Carrie welcomes input and asks members to continue to communication with NIFA on what they can do.
 - v. NIFA is committed to the concept that change begins with our youth. Carrie is devoting a portion her time to ensure a brighter future for our youth. <https://nifa.usda.gov/program/4-h-positive-youth-development>
 - vi. NIFA was asked to engage on the science and tech hub. They can provide information on a regional level. The climate hubs can be used to reach different producers in different regions to give them specific information that is pertinent to them. When it comes to climate core, we can't have this without a youth component. Ameri core, FFA and 4-H, and other youth organizations are poised to have a youth climate core. NIFA is all in when it comes to climate change.
 - b. Comments with Carrie Castille, NIFA
 - i. Bob Mattive stated that potato breeding programs are not viable, they take about 15 years to bring a new variety forward. These are the types of conversations NIFA is trying to be aware of. Carrie learned that NIFA was not reaching out regarding the budget formulation plan, her goal moving forward is to hear from people early and often.
 - c. **APLU-** Doug Steele presented a PowerPoint:
 - i. FANR Staffing Update (Food, Agriculture & Natural Resources) <https://www.aplu.org/about-us/who-we-are/offices-and-staff/office-of-food-agriculture-and-natural-resources-programs/>
 - ii. FACA Policy Recommendations (Federal Advisory Committee Act)
 - iii. North American Agricultural Advisory Network

iv. Advocacy RFP Advisory Committee Goals, and Objectives.

Doug notes that we are focused on the here and now, but we also need to focus on the future and have a long-term plan.

d. **Cornerstone-** Hunt Shipman presented an appropriations update.

- i. The president's budget proposed increases across many lines, and NIFA by \$385 million in FY22. The bill that came out of the sub-committee was much more modest. With \$85 million in increased funding. The 25% increase we saw, likely won't rise to that level in the Senate. Hunt reviewed the increases, which are vastly different than the President's original proposal.
- ii. All 11 appropriations bills should be wrapped up by mid-July and these bills will move forward to the floor. Agriculture Infrastructure is projected at \$11.5 Billion to fund deferred maintenance and infrastructure needs at LGU across the nation.
- iii. There was discussion of a second bill, and an opportunity for this proposal to move forward is still on the table. This process will likely continue into September.

e. Questions

- i. Barbara opened the floor for question and began with the climate change initiative and if that includes STEM and or graduate involvement. Bill Hoffman noted that they are open to feedback and are continuing to flesh out their model. They are looking at successful programs that are in place. Bill asked for collective wisdom of the system to make this program successful.
- ii. Caron Gala with APLU FANR commented to Hunt's comments and dropped a letter in the chat in effort to get more signatures. Dear Colleague letter: <https://documentcloud.adobe.com/link/track?uri=urn:aaid:scds:US:2ee254f6-cb01-4991-af75-3549f668a19b>
- iii. Bret mentioned that this meeting is scheduled to address inclusion, equity, and access for indigenous and asked if how the proposed budgets looked for the 94s. Hunt mentioned that there is a 1 million dollar increase to both the 94's and 94's extension programs. Hunt was going to send information about the New Beginnings for Tribal Students.
- iv. Considering climate crisis, shouldn't all FRTEP funding be increased to help tribes better cope? Doug Steele stated that we need justification. The infrastructure bill is a great example of how to include funding needs and justification on why. Doug recommends better messaging as this is going to be competitive. We could make it easier with more information. Caron Gala noted that facts and figures go along way with supporting the request. Caron suggests having a couple of strong statistics to help make the argument. Caron suggested regional and national data would be helpful in making the case.
- v. Bret noted that there is a fair number of increases in the President's budget and asked what the possibility of that projected budget becoming a reality? Hunt commented that the numbers seen in the House are the high-water marks. Numbers from the Senate are not likely going to be that generous.

- XII. **Western Region Joint Awards-** Barbara Petty gave a brief introduction.
- a. Wendy Powers presents WEDA Excellence in Multistate Research Award to California Dairy Quality Assurance Program.
 - b. Vicki McCracken presented the second WEDA Excellence in Multistate Research Award to the X-disease and Little Cherry Disease Extension with Washington State University Extension and Oregon State University.
 - c. Anita Nina Azarenko presents the WEDA Excellence in Diversity, Equity & Inclusion Award to Jutos en Colaboracion, Oregon State University.
 - d. Ania Wiczorek presented the Western Academic Program Section Engagement Award for Excellence in College & University Teaching in the Food & Agricultural Sciences to Pratibha Vivek Nerukar, Associate Professor and Graduate Chair Department of Molecular Biosciences and Bioengineering University of Hawaii.
 - e. Tracy Douger presented Western Academic Program Section Teaching & Student Engagement Award for the Excellence in College & University Teaching in the Food & Agricultural Sciences to Hana DelCurto Wyffels, Instructor of Animal and Regional Sciences, Montana State University.
 - f. Walter Bowen presents the Western Association of Agricultural Experiment Stations Excellence in Multistate Research Award to Soil, Water, & Environmental Physics to Sustain Agriculture & Natural Resources (W-4188). They are also winning the national award and will receive \$15,000. Dr. Ryan Stewart accepted the award.
 - g. Mark McGuire presented the Western Association of Agricultural Experiment Station Directors in Excellence in Leadership Award to John A. Tanaka, Professor Emeritus, Retired Associate Director Wyoming Agricultural Experiment Station, Department of Ecosystem Science & Management, University of Wyoming.

XIII. **Meeting Adjourned**

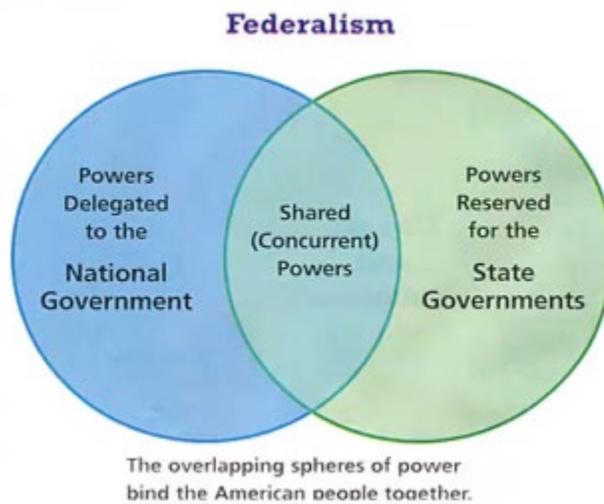
Day 2, June 29th, 2021

Where are we going post-COVID

Attendance: Sherry, UC ANR PSU, Clin- UC ANR PSU, Edgar Ruiz, Glenda Humiston, Jim Ogsbury, Afa'i Areta, Andy Groseta, Ania Wiczorek, Barbara Petty, Brad Gaolach, Bret Hess, Cath Kleier, Chris Davies, Claus Tittiger, David Gang, Dina, Eric Tanouye, Gene Kelly, Jackie Tinetti, Jeff Goodwin, John Phillips, Jon Boren, Kelly Crane, Kevin Rogers, Jonathan Shuffield, Lauren DeNinno, Leslie Edgar, Lina Clark Gilmore, Lindsey Shirley, Lyla Houglum, Mark McGuire, Mary Burrows, Mike Gaffney, Nicholas Comerford, Patricia Coleman, Pete Pinney, Chris Pritsos, Rebecca Hager, Saige Zespy, Scot Hulbert, Shange Burgess, Shannon Horrillo, Sophia Hoss, Suzanne Stluka, John Talbott, Tracy Dougher, Tracy Morgan, Vicki McCracken, Walter Bowen, Warren Watanabe, Wendy Powers, Wendy Fink, Jennifer Tippetts (WAASED Recording Secretary).

- I. **Introductions-** Glenda welcomed everyone.
- II. **Post-COVID Opportunities:** Partnership & Resources- Moderated by Glenda Humiston, Vice President, UC ANR.
- III. **Western Governor's Association (WGA)-** Jim Ogsbury, Executive Director, jogsbury@westgov.org.
 - a. Jim presented the Western Governors. <https://westgov.org/our-governors/>
 - b. The annual meeting is June 30th through July 1st. <https://westgov.org/meetings>
 - c. There are three projects Jim reviewed and welcomed everyone to participate in: Working Lands, Working Communities; Western Prosperity Roundtable; and Western Governor's Leadership Institute.
 - i. **Working Lands, Working Communities- Launches July 1st.** The Initiative will examine the interdependent relationships between western communities and state and federal land /resource management entities, and the role that local communities play in successful land planning and management processes. As part of this Initiative, WGA will convene stakeholders and policymakers to discuss emerging issues, share best practices and success stories, and provide a forum for the development of bipartisan policy solutions.
 - ii. **Western Prosperity Roundtable-** <https://westgov.org/initiatives/overview/western-prosperity-roundtable>
The Western Prosperity Roundtable is a platform for WGA's work on policies that advance Western Governors' vision for expanded prosperity throughout the West. The Roundtable assembles community members, policymakers and experts on interrelated issues affecting opportunity and quality of life to discuss strategies to promote vibrant communities and thriving local economies.
 - iii. **Western Governors' Leadership Institute-** Launches July 1st. <https://westgov.org/foundation> Jim invited individuals to submit applications for consideration.

- IV. **Council of State Governments West (CSG-West)**- Edgar Ruiz, Director, CSG-West, and Jackie Tinetti, Policy Committees & Programs Coordinator, CSG-West.
- a. Edgar Ruiz introduced The Council of State Governments West (CSG West). A non-profit, non-partisan organization that serves the western legislatures. Then introduced the CSG-West leadership.
<https://www.csgwest.org/about/leadership.aspx>
 - b. Policy Work – Reviewed the current policy committees:
<https://www.csgwest.org/policy/default.aspx>
 - c. Invitation to annual meeting, September 28-October 1, 2021.
<https://www.csgwest.org/annualmeeting/default.aspx>
 - d. Additional Resources: CSG Justice Center & Center of Innovation
 - e. State- Federal Relationships.



- f. Jackie Tinetti spoke about Policy Committees, chairs and specific objectives for each committee. <https://www.csgwest.org/policy/default.aspx>
 - g. Jackie spoke about the Colorado River Forum.
<https://www.csgwest.org/programs/ColoradoRiverForum.aspx>
- V. **Western Interstate Regional National Association of Counties (WIR-NACo)**- Jonathan Shuffield, Associate Legislative Director for Public Lands and Liaison to the Western Interstate Region, NACo, Jshuffield@naco.org (512) 965-7268
- a. Johnathan spoke about WIR. <https://www.naco.org/advocacy/western-interstate-region>
 - b. Johnathon shared information regarding Wildfires. There is a growing intensity/scale of wildfire.
 - i. “Fire year” as opposed to “fire season”.
 - ii. Stretches resources at all levels of government- County governments are often first on the scene when a wildfire ignites.
 - iii. Understanding the behavior of fire.
 - iv. Managing landscapes to reduce the threat of fire and lessen the impact of fire on landscapes.
 - v. Building resilient landscapes, especially within Wildland Urban-Interface.

- c. Federal land management issues
 - i. Secure rural schools.
 - ii. Senate wildfire legislation.
 - iii. Farm Bill 2022.
- d. Wildlife Conservation
 - i. Members of the National Endangered Species Act Reform Coalition.
 - ii. Biden administration recently announced rollback of Trump era Endangered Species Act rules.
 - iii. Habitat loss from wildfire and other natural causes vs. human activity.
 - iv. Balancing economic needs with impacts on species and habitat.
 - v. Appropriate conservation/reclamation measures and impacts on economic activity and resource access.
 - vi. Voluntary conservation agreements with industry and landowners to mitigate impacts of production on critical habitat.
- e. Partnerships with Federal Agencies
 - i. Long history of county governments serving as partners with Federal agencies, especially on land management and agricultural issues.
 - ii. NEPA- Cooperating Agency Status.
 - iii. FLPMA/NFMA- Coordination.
 - iv. America the Beautiful Initiative.
 - v. Farm Bill Programs for Conservation.
- f. Rural Infrastructure and Economic Development
 - i. Resource extraction dependent communities.
 - 1. Opportunities for diversification.
 - 2. Access to public lands for industry, agriculture/grazing, visitors, hunters/anglers.
 - 3. Local government services- must be provided to residents and public lands tourist.
 - ii. Broadband and other critical services access
 - 1. Areas most in need of broadband/utilities.
 - 2. Understanding issues preventing expanded access.
 - 3. New resources from Congress/Administration and their impact.
 - iii. Public Health-
 - 1. Lack of personal/resources.
 - 2. Combatting misinformation about public health matters.
 - 3. Successes/failures during COVID pandemic.
- g. Questions:
 - i. What about the role of tourism in rural counties? Jonathan stated there is an effort to elevate the economic impact and shifting dialogue to focus on tourism issues. The big issues are the mad rush of tourism and the impact on public lands. Tourism is also causing relocation and property value increases in rural areas. There is positive focus on the economic impact of tourism. Jim added that the Western Prosperity Roundtable focuses on these issues, including rural transportation, air service, and access.

- ii. Glenda asked if anything stood out to the three presenters as they listed to the other's presentations. Jim stated that both touched on areas that were of interest to each other, but they are all working on state/federal relationships. Edgar added they are always working on having a united voice when presenting to legislature.
- iii. Glenda asked what LGU can do to help their current strategies be more successful. Jim stated that they are relying on people to get the word out about the Leadership Institute and help create awareness to drive applications. Edgar stated that the nexus between research and policy. In addition, developing relationships between academics as a two-way street was mentioned.

VI. What Are the Regional-Based Opportunities to Partner and Share Resources with WGA, CSG-West and WIR-NACo?

a. WEDA- Mike Gaffney

- i. Recognition that COVID has spotlighted opportunities – diversity, inclusion, and equity.
- ii. Pivot to maintain deadlines.
- iii. Shared frustration regarding policy being on campus focus, not translating to off campus.
- iv. Examples: small farmer program between WA & ID, sponsorship for joint opportunities, grant opportunities across jurisdictions.
- v. Better capacity to share employees, to recognize shortages and expertise. Share program information, not employees in multiple locations.
- vi. Predicted uncurtaining of new "normal". Generated a new set of audiences accustomed to receiving services remotely, and traditional base expecting to return to historical in person delivery.
- vii. ED and association directors are great examples of sharing resources and remote work working well with guidelines.
- viii. Remote programs offered in multiple states & multi-state credentialing.
- ix. Recognition of remote work will require new capacity in Extension and hiring.
- x. The power of joint applications across states.
- xi. Reconceptualize how we define jobs and build capacity on an employee basis to fill those increased needs and demands.
- xii. What does the community want, and our current capacity to fill that want?

How do we address the new change of remote and the historical in person demands on resources? Lyla added that this includes audiences and programs.

b. AHS/W-CARET- Nicholas Comerford

- i. Can't do it without sharing resources, multi-state comes up a lot.
- ii. Being so remote, sharing is critical to survive (Hawaii).
- iii. COVID has enhanced ability to share.
- iv. Generating resources creatively is a necessity with our current budget.
- v. Partnering industries with universities adds value.

- c. **W-APS-** Claus Tittiger
 - i. Platforms that are already available. Where are the choke points for students gaining access?
 - ii. Alternatives given each institution have different strengths.
 - iii. Focusing on experiences for students in the West. For example, a wool experience- lab in MT, one of two in the country. Access with more ease.
 - iv. How can we share with other entities? Building relationships.
 - v. Two-way communications with County/State on Economic Drivers.
 - vi. Needing basic training for individuals with no Ag background- Legislature. Programs and materials available to reduce barriers. Models are already in place that we could build off.

- d. **WAAESD-** Mark McGuire
 - i. **Link for complete notes:**
<https://www.dropbox.com/scl/fi/ezxi3ajsx8ks66wdwvtmq/WAAESD-BO-Notes-6.29.21.docx?dl=0&rlkey=zxy6m1iqpxhwx1jnp3bmlc1m5>
 - ii. Working together on a regional level is imperative, and the multi-state projects have been designed help achieve the goal of regional work. The Western Water Network is a good example.
 - iii. Potential to go for larger dollars to address issues: water and wildfires.
 - iv. Working with Commissions or States to fund these issues, or partner with agencies.
 - v. UC has success in partnering with agencies.
 - vi. Will need shared facilities to attract dollars and make successful.
 - vii. CSU is requiring research associates to all pursue an advanced degree. Generates more interested, attracts better applicants.

Final thoughts: There was a lot of commonalities in the breakout sessions.

Adjournment of Day two.

Day 3, June 30th, 2021

How will we address access, equity and inclusion with focus on native peoples of our region?

Attendance: Sherry, UC ANR PSU, Rachel Palmer- UC ANR PSU, Steve Gavazzi, Aufi'a Areta, Alex Carlisle, Ania Carlisle, Ania Wieczorek, Barbara Petty, Barry Dunn, Bill Payne, Brad Gaolach, Bret Hess, Cath Kleier, Chris Davies, Claus Tittiger, Cody Stone, Dan Gagerlie, David Gang, Dina, Doug Steele, Eric Tanouye, Gene Kelly, Jeff Goodwin, Jeff Jacobsen, Jeff Mayberry, JM Arias, John Phillips, Jon Boren, Linda Clark Gillmor, Lindsey Shirley, Lyla Houglum, Mae Nakahata, Mark McGuire, Maureen McCarthy, Nicholas Comerford, Pete Pinney,, Peter Koester, Chris Pritsos, Rebecca Hager, Saige Zespy, Scot Hulbert, Shange Burgess, Shannon Horrillo, Sophia Hoss, Staci Emm, Suzanne Stluka, John Talbott, Todd Nims Tracy Dougher, Trent Teegerstrom, Vicki Hebb, Vicki McCracken, Virgil Dupis, Walter Bowen, Wendy Powers, Wendy Fink, Jennifer Tippetts (WAASED Recording Secretary).

- I. **Introductions-** Steve Gavazzi welcomed everyone and gave a presentation on "How will we address access, equity and inclusion with focus on native peoples of our region?"
 - a. Reckoning with the original sin of LGU. Remaining Land-Grant Fierce while Insisting on Contrition and Repentance.
 - b. Creating a both/and focus (not either/or). Making it possible to embrace both:
 - i. The sense of being "land-grant-fierce" - the sense of pride regarding the 21st century mission to teach, conduct research and serve communities.
 - ii. The "Land-Grant Truth" – understating that these universities were founded on native lands that were seized and sold.
 - c. What about the Land Acknowledgements, the good, the bad and the ugly.
 - i. The Good- Video by CSU. Tribal land that comprises its campus, creating issues of removal. Debt owed from the founding of the university itself, issues connected to endowments.
 - ii. The Bad- When not done in partnership with Indigenous Peoples and/or without recognition of both removal & endowments.
 - iii. The Ugly: When it is just words that are not followed by actions- performance theater or checking a box.
 - d. Can Land-Grants act in unison, or at least learn from each other on issues such as:
 - i. AI/AN Student Financial Assistance
 - ii. University-Tribal Nation Relationships
 - iii. 1862 LGU-1994 LGU Partnerships
 - e. Map of increasing level of interactions.
 - i. Collaboration- Joint projects & decision making.
 - ii. Coalition- Involvement of professional organizations
 - iii. Coordination- Conferences, workshops, and colloquia
 - iv. Cooperation- Established of information clearing house
 - v. Networking-modest number of LGUs: sporadic contact
 - vi. No Interaction- Where most LGUs seem to be at present
 - f. Stepping out & stepping up initiative at Ohio State University. (SOSU)- Stepping out of our comfort zones and stepping up to our responsibilities.

- i. The SOSU Initiative is comprised of 4 related projects with funding totaling over \$250K and reflecting monies that are internal to Ohio State.
- ii. Link to an Inside Higher Ed op-ed authored by Steve Gavazzi:
<https://www.insidehighered.com/views/2021/05/07/land-grant-institutions-should-do-more-deal-past-and-present-racism-opinion>
- iii. Link to the Save-The-Date for the land grab discussion Steve Gavazzi posted:
<https://u.osu.edu/landgranttruth/>

II. Introduction of Barry Dunn, President, South Dakota State

The Wokini Initiative

- a. President Abraham Lincoln Signs the Morrill Land-Grant College Act of 1862. The goal to establish at least one college in each state that would be accessible to all. President Dunn spoke about the history and creation of LGU and Experiment Stations.
- b. President Dunn spoke about the recognition that the land for the University came from the Souix Reservation. President Dunn then spoke about his family history and living on the reservation, the great depression and survival. When his mother was born, she was not considered a US citizen because she was of tribal descent. President Dunn spoke about health, 3rd world living, and education of Tribal members. President Dunn does not take the responsibility of being President lightly. He is dedicated to make change for all, including the nine tribal nations in South Dakota, and his goal is to enhance relationships with Tribes and Tribal nations.
- c. The Wokini Initiative was discussed. <https://www.sdstate.edu/wokini>
- d. President Dunn discussed fundraising efforts; they have \$18 million in endowment scholarships.
- e. Questions:
Steve asked what is the next step inside of the state, and what can other states do to model this initiative? President Dunn stated that we need to get to young people sooner so they see college as part of their future, which would lead to increased students enrolled. President Dunn hopes that the Wokini Initiative could be a template for change for others to use.
- f. How can Extension help specifically? President Dunn said there is generally a large turnover of extension staff, which leads to increase apprehension from the tribes. The next steps would be getting on reservations and becoming part of the community and working with the tribes to solve problems together.
- g. Steve discussed researching where the research is being done and who is conducting the research. We need to break the norm of how traditional research is conducted, moving more towards a positive connotation. Most academic papers seem to focus on the negatives.

III. Academic Programs

Tracy Dougher- Associate Dean for Academic Programs, MSU.

- a. What's Happening, progress made, and how we can effectively partner?
 - i. Academic Diversity Partners

- ii. Growing and Sustaining Pathways in Agriculture and Out Good Camp
- iii. Buffalo Nations: Indigenous Good Systems Initiative

IV. Ania Wieczorek- Interim Associate Dean, University of Hawaii at Manoa

- a. University of Hawaii Hi'lag Consortium Project "Expanding Agricultural Education to Native Hawaiian Students". Hawaii started by creating the project across islands. The community colleges play a crucial role in this program. Each campus has its own niche. 50% of the work done, is done together.
- b. One of the biggest barriers is that agriculture to the locals is considered "plantation" and potential students and their families are not interested.
- c. Another objective is building the bridge between students and employers.

V. Claus Tittiger- Associate Dean of Academic Affairs, University of Nevada, Reno

- a. "American Indian Outreach Program"
 - i. Tribal college feasibility study initiated, but changed with COVID.
- b. "Enhancing Agricultural Food Sovereignty Through Education and Training American Indian Student and Producers"
 - i. Scholarships, directed mentoring
- c. Nevada Tribal Student Program
 - i. Scholarships, mentoring, recruitment. Scholarships have doubled the enrollment. This included training faculty and generating awareness of the culture.
- d. And then... AB262 waives Native student tuition fees.

VI. 1994 and FRTEP Perspectives- Moderated by John Phillips.

Virgil Dupuis- Extension Director for Salish Kootenali College in Montana.

- a. A specific goal for extension is improving food, diet, health, and access. This also included addressing invasive species. Virgil spoke about different actions to meet these objectives, and funding.
- b. 1862 & 1994 should engage the tribal colleges and FRTEP on joint strategic plans.
- c. Enhance partnerships with MSU and colleges in MT. This begins with communications. Virgil will travel to tribal residents and initiate conversations. 1862 can be a convey these conversations.
- d. Challenges include working with Tribal Governments. Bureau of Indian Education could be a good place to start for LGU.
- e. Fee Waivers or Fee Waived for out of state tuition.
- f. Staffing is a challenge, could there be use of the Experient Stations to complete higher education degree for tribal students?
- g. Virgil stated any work done with universities or outside organizations needs a liaison with the tribes and he is happy to provide that service.

VII. Staci Emm- University of Nevada, Reno Extension, College of Agriculture, Biotechnology & Natural Resources.

- a. There are 19 federally recognized tribes in the State of Nevada. Staci reviewed current programs in Nevada. Some of these include: Veggies for Kids, Veggies for Seniors, Tribal Hoop House Project, and tribal student programs in the College of Ag.

- b. National Projects: Advanced Ag Business Training for American Indian Producers. USDA Program Access for American Indian Programs. National Indian Educations summer professional development group. Native Waters on Arid Lands, American Indian COVID Care working group. Getting requests to go back to in-person presentations.
- c. Opportunities & Needs: Very large needs when dealing with American Indian Populations.
 - i. Increasing knowledge on how to work with American Indian populations. Sometimes work is done on tribal land that does not align with Tribal views.
 - ii. Learning how to collaborate. Reno is not the only LGU anymore.
 - iii. How to do the waivers work specifically? A lot of exciting changes but need to evolve. Understanding what can be applied towards tuition, what students qualify for what. Need more education on federal funding.
 - iv. Bridging partnerships and building successful collaborations.
 - v. Specific Asks of 1862's: There is limited support of non-existing support in Extension and Agricultural Experiment station budgets. This needs to change as Tribes control large amounts of land bases and water resources. Tribes also can drive the economic conditions of specific areas.
 - 1. Justification: Land bases and water resources are controlled by tribal governments and Bureau of Indian affairs.
 - 2. Tribal jurisdictions play a role in educational opportunities.
 - 3. Very few states allocate state and federal line-item dollars to bridge and increase collaborations.

VIII. Alex Carlisle, University of Arizona FTTEP

- a. Reviewed Extension Staff and territories covered. 17 million acres with a staff of 12, 5 Tribes. FRTEP can bridge the gap of academia and tribal nations.
- b. Collaborative Success: 66 Youth reached in Junior Master Gardner. 65 ranches reached with online webinars/workshops. 35 4-H youth participants. Increased awareness. 41,000lbs of food distributed as well as hygiene, educational books, toys, pet food. 2-year collaboration with University Equine Specialist & Local Vet on equine health seminars.
- c. Innovative, Creative Outcomes: Increased Programing (virtually & in-person). Beef quality assurance, virtual 4-H curriculum, seed to supper program, virtual tours, farmers & rancher's online workshops & virtual 4-H shows and sales. Outcomes: Increased audiences and participation. Increased consultation with local vets.
- d. Opportunities/ Needs:
 - i. Consultation with Tribal Agents or Tribal Governments prior to conducting research on tribal lands or areas that affect tribal communities especially on experiment stations.
 - ii. Understanding that Tribal programming have their own biosphere which makes grant funding and spending different from state/county programing. Sometimes seems that universities hinder progress with "red tape" when trying to fund projects or purchases.

- e. Questions: How can state level programs be coordinated into Tribes? Staci noted that having a good tribal working relationship at a presidential level, which disseminates down through the university and extension. Virgil stated that being included in the conversations at the university levels would be the first step.

IX. Group Discussion-

- a. Steve gave some opening remarks. John Philips spoke about his history and tribal colleges being new as Land-Grants.
- b. The group discussed creating awareness of LGU and the inequity of funding. Many people attending a LGU are unaware and don't have any context about the relations with tribal lands. Across the nation many of the LGUs gained their land from Tribes.
- c. Discussion focused on building partnership and continued communications. Virgil has had some great partnership with universities and noted that when University travel on to a reservation, he acts as the liaison, and is happy to continue offering that service.
- d. Virgil also noted that there are barriers from past experiences that need to be broken down. The group discussed strategies for moving forward including acknowledging the past and moving forward.
- e. Climate change as extension initiative might be the most logical project to start with on tribal lands.
- f. Credit was given to leadership at different universities for their efforts thus far.
- g. Funding obstacles were discussed. Multistate research holds an opportunity. There has to be a strong relationship when it comes to discretionary dollars and shared resources.
- h. The group agreed that we need to have those difficult conversations so that we can get to that point where we are all going in the same direction and collaborating.
- i. Maureen questioned what opportunities there are to education and gain acknowledgement out about LGU? Steve has written a position paper that could evolve into a white paper that could be distributed to funders. Steve believes it takes leadership in the LGU to start distributing the information.
- j. Virgil believes that we need to make sure we're talking about meeting the needs of the people and building partnerships. An option could be accessibility for the tribes in the schools. We can't go back in time, but we can move forward.
- k. Ohio State discussed taking some endowment funds and contributing towards a couple FTE positions for tribal relations.
- l. Land is very important and obviously Native Americans have a very different conceptualization of land than then white settlers. Food sovereignty if connected by 1862 and 1994 organizations could create some common issues. There might be more natural partnership possibilities that exist.
- m. Resources and potential starting points were discussed further. It was stated that we need at least one person who wakes up every morning put their hat on and says I'm not doing anything other than working on the potential connections between 1862 and 1994, as first modest step. It was also discussed what others have done with success. It is a hard conversation because it is not comparing apples to apples, and not all the information is even current.

X. Meeting adjourned.

Day 4, July 1st, 2021

WAASED Business Meeting

Attendance: Mark McGuire, Eric Webster, David Gang, Steven Loring, Walter Bowen, Chris Davies, Chris Pritsos, Suzanne Stluka, Leslie Edgar, Gene Kelly, Scott Hulbert, John Talbott, Glenda Humiston, Bret Hess (WAAESD Executive Director) and Jennifer Tippetts (WAAESD Recording Secretary)

Guests: Mandy Marney, Shannon Horrillo

- I. **Call to Order, Welcome, Introductions** – Mark welcomed the group. Brief introductions.
- II. Review June 28 Actions- reviewed items from June 28th.
 - a. Chris summarized changes to bylaws. The primary change included updating the Secretary's term to two years.
 - b. Bret requested recommendations for administrative advisor positions be forwarded to him.
- III. **Follow-up Discussion from Joint Sessions-** Mark reviewed Tuesday's discussions, there were great conversations with partners in the West, and opportunities to leverage those relationships. Reviewed Wednesday's session, very powerful presentation regarding the Wokini Initiative. After returning to individual institutions member are going to assess opportunities and report back at the fall meeting.
 - a. Bret added the commonality of the individuals currently working with different Tribes are more than willing to be the liaison as work continues. A common error of not working with those tribal liaisons was highlighted.
 - b. David added that communication is crucial but follow through is more important. If we could coordinate better before we approach the communities, it would leave a better impression than having to pull back or not having follow up after an initial idea is presented.
 - c. An essential piece for extension is to build relationships in the communities. Suzanne noted that she grew up on tribal land and worked with the tribes at her previous jobs. The communities know how to solve their own problems and researcher can help. How do you have the conversations so community members and FRTEP know who to approach? Relationships and communication can be simple but are imperative.
- IV. **Western Region Mental Health Network** – Mandy Marney and Shannon Horrillo presented a PowerPoint presentation on Western Region Mental Health Network.
 - a. Presentation summary : background, needs assessment, growing body or research, gaps, goal, next steps. Complete presentation: page 43.
https://www.dropbox.com/s/6ujqumzqrf1haxr/WAAESD%202021%20Summer%20Meeting%20Agenda%20with%20Briefs_20210628-0701.pdf?dl=0
 - b. Today's Ask. Support for submission of a Development Committee. Assistance in identifying research faculty to participation and help.
 - c. Question: do you need members from specific states or expertise? Shannon wanted to make sure we had Extension representation. Current members include Shannon, Mandy and representation from MT, WY, NV.

- i. The need is the greatest with adolescents. Wanted to bring advisory board together as the first set, get experts together and shape goals. Need research faculty on steering committee. Scot recommends speaking with their contacts for research faculty and then follow up with Shannon and Mandy. Shannon is going to get a presentation to the group for them to share.
- ii. Gene made a motion to support the proposal for WAAESD to participate in the Western Region Mental Health Network. Scot seconded. Motion passed with one abstained vote.

V. ESCOP Committee Reports

- a. **Communications & Marketing Committee**-Steve reported that APLU hired a new Assistant Vice President of Communications and External Partnerships, Andrea Putman. Andrea will work with CMC, align with coordinators across LGU, and work on the strategic roadmap for communications. Andrea's start date is July 15th, 2021.
 - i. Andrea will begin reaching out to coordinate regional meetings. The objective is consistent messaging to gain buy in. Initial conversation and meetings will be in the next few months. There is also a recommendation to hire an assistant to support Andera.
 - ii. CMC is reviewing their organizational structure. Approval of the recommended changes will be approved by the three sections that fund CMC; administrative head, cooperative head, and experiment station section.
- b. **National Impacts Database Subcommittee** -Steve reported, as of the beginning of June, all reviews have been submitted.
 - i. **Full report:**
https://www.dropbox.com/s/6ujqumzqrf1haxr/WAAESD%202021%20Summer%20Meeting%20Agenda%20with%20Briefs_20210628-0701.pdf?dl=0
 - ii. 55 impact statements have been finalized in 2021 and undergone an additional peer review. A letter requesting additional impact statements for 2021 will go out soon. The 2021 impact statements submitted are getting published now. We don't want to wait until the end. The primary source NIFA goes to is this data base. It is a good place to share information.
 - 1. There are two special tags- COVID as well as Diversity, and Equity and Inclusion. These two topics are not undergoing the second peer review to expedite the data.
 - 2. Mark confirmed that there are no deadlines on the impact statements, therefore we might be able to encourage more faculty involvement. Steve clarified that a publication highlighting impact statements is generated at the beginning of the year.
 - iii. The website is being updated.
 - iv. A letter has been sent to section chairs proposing to work as a functional committee under CMC for a trial year. After a trial year it will either go back to the previous format, or the new format will be adopted, pending approval from the funding sections.
 - v. The CMC has been working with multiple partners to develop a roadmap of communications, especially social networking.

1. Tried “Tweet storm” format for the infrastructure bill in order to relay the need with Universities. Results: 13 LGU participated, 150,000 hits.
2. None of the participants were from the western region, this is concerning, and we need engagement from the western region if we want to promote the West. Is there is a communication issue with Deans, or Extension, or internal communications issues, or potentially a part of all three? Need to clarify expectations and determine the best contacts that are empowered to contribute.

VI. **Western Region Communications** – How do we improve our communications for writing impacts?

- c. Two requests: 1. Identify who the contact people are, and what they are authorized to communication. 2. Consider training for your organization by Sarah Lupis. Update Bret regarding the communication list each region is maintaining on behalf of APLU.
- d. Bret receives a list of regional impact statements each month and he distributes to appropriate parties so they may share the pertinent information.
- e. Poll: Do you support WAAAESD working on a regional communications effort? 92% approval with one abstained vote.

II. **ESCOPE Committee Reports Continued**

- a. **NIFA Reporting Workgroup-** We have a new national reporting system, NRS for NIFA Reporting System. The new version is much improved from the past version. With 50 state systems and individuals providing input, there were a lot of suggestions on how to improve. The NRS was beta tested by both John. John reported that entering data was painless and much improved. Support is available until December 2021 to address any glitches. NIFA should be recognized for their efforts on making this materialize.
 - i. Bret mentioned that REEreport is still active until the end of the year, and until all data is transferred. Data is being transferred in 100 project blocks. Any terminating projects will remain until the end of the year.
 - ii. NIFA has asked the regional ED’s about multi-state research approval. NIFA recommended simplifying the approval process and once the region has consented, the project will be transferred into the system. You can start putting individuals onto the project, there is no waiting time for NIFA to approve. NIFA is serious about addressing our needs and making it easier for everyone to get the job done.
 1. Bret is also working towards populating the participants to eliminate a few additional steps. The other regions are generally supportive. The comments we provided were as long as there are no unintended consequences and we would still like to see a NIFA representative participant on the multi-states. If there were opportunities in the future, please involve the regions for other capacity.
 2. John noted that the role for the program leader came up. It was clarified that NPL’s role is administrative; not to weigh in on the science.

- iii. Suzanne thanked everyone for their contributions and work. Suzanne also shared that there is training for the NPL's on capacity management once a month.
- b. Chris Davies questioned if the reporting module will be up by December? Bret said most likely not. They are building as they go and reporting is the second step. Pieces maybe complete by the end of the year. Representatives will be assigned, but Suzanne offered for individuals to reach out directly with questions or concerns, especially around HATCH.
- c. Bret asked if people can reach out to Suzanne to start questions regarding no cost extensions? Suzanne stated that people will be assigned a liaison. In addition, you are always welcome to contact Suzanne.
- d. Walter asked if anyone has developed a process or training. Bret stated some training will be rolled out in the future.
- e. **1.21 Budget & Legislative Committee-** Glenda gave an update regarding the infrastructure bill and efforts to secure \$11.5 billion dollars. At this point, it does not appear to be part of the final package, but there is room for adjustments.
- f. Exploring strategies so that when climate change is discussed key leaders recognize agriculture as part of the conversation. Working on this concept at the fall meeting. As funding is developing, not just in the Biden administration, but in many of our state governments, we want to ensure that agriculture has a strong role to play when mitigating and being part of the solution to climate change. The LGU and Extension are a powerful part of that.
- g. A comment from the session Glenda moderated is "that we need to have scientist translate their thousand-page document to English". So, the information can be more easily communicated, especially on a regional level.
- h. **Diversity Catalyst Committee-** Bret drew attention to score sheet in packet. The Diversity Catalyst Committee received a nomination for national experiment station inclusion and diversity report. This year we asked Shannon Archibeque to re-apply, Shannon will be receiving one of the awards.
 - i. Two awards will be given in the future, one for individual and another for group. This announcement will be released at the awards ceremony this fall.
 - ii. If a nominee does not win in a given year then their application is automatically rolled for one additional year. After that they will be required to re-apply.
 - iii. The group award will be similar to last year. There is interest in seeing an increase of applications from the West. A monetary award is given to the winners.
 - iv. A call to action is in progress and will be released as an official call at the Joint COPs meeting.
- i. **Science & Technology Committee-** Chris reported, Gene Kelly is also a representative, Bret is the executive vice chair for this committee. There were numerous questions on the infrastructure bill. Worked on addressing questions and advocacy.
- j. Questions on the climate survey that was distributed. There is a lot of capacity at experiment station and hopefully we can communicate that more effectively.

- k. Reviewing the multistate award applications, criteria included in brief. Four great applications were submitted.
- l. The second year in a row the western project will be receiving this award. Bret added that the criteria changed substantially, please review if you plan on applying. There is a major focus on the changes because it is difficult to compare current projects to projects from the past and the changes will be addressed at the upcoming meeting in July.
- m. **NRSP1 Management Committee-** Page 60, the chair has changed. Paula has agreed to take over and has a lot of support from the North Central Region.
 - i. Of particular interest - particularly to individuals with new people in their unit responsible for reporting, NIMS has prepared some training videos that are available on their website. The training focuses on what NIMSS is and how to navigate. Sarah Dahlheimer reported that we were able to hire Leah Wolf. Leah is a junior in communications and will be responsible for the social media release for impacts developed by Sarah.
 - ii. NRSP-1 will be drafting a renewal. NRSP-1 is where the money is housed for NIMS.
- n. **NRSP-Review Committee-** Mark reported the only project that needed reviewed this year was NRSP-8.
 - i. We need a plan to either transition off the funds or move it to a core base funding at less than \$500K per year. Looking for proposals by August 2021.
- o. **Policy Board of Directors-** Mark stated that this committee has not met yet but will after the ESCOP meeting in July and Mark will report back then.

VII. Upcoming Meetings

- a. **Experiment Station Section-** Chris Pritsos shared that we are making tremendous progress on the Fall meeting. Bret and Jenn are doing a great job of moving this forward.
- b. California and Nevada have opened back up as progress has been apparent regarding COVID. Chris continues to monitor the COVID restrictions in Placer County California, where our meeting will be held, and there are currently no restrictions.
- c. Link to topics- Including climate change. Not only will we have a panel but then there will be a workshop on how we want to approach the topic. This is an initiative for ESS and will use the data generated from tabletop discussions.
- d. A representative from the Washoe Tribe has agreed to attend the opening session and give a brief presentation. We would like to honor and respect the land and tribal history.
- e. Bret added the theme is disruptive innovation. During the last year we were forced to use innovation due to COVID so the theme seemed appropriate.
- f. President Sandoval will moderate a session after his welcome comments.
- g. Additionally, we are attempting to get a sitting or former Governor to take part in this session.
- h. Bret is excited about our keynote speaker, Pat Sullivan, his recent book: *Intellectual Anarchy: The Art of Disruptive Innovation*. Pat Sullivan frequently states the only

limit to innovation is policy and other regulatory issues. He builds diverse teams that are willing to think and imagine what is possible and not be confined.

i. Patrick Sullivan's promotional Oceanit Video:

https://www.youtube.com/watch?v=1rxFGr_XkVo&t=34s

i. Bret also discussed the award winners being honored in person and by their peers.

j. The group reviewed the schedule listed on page 64.

k. **Western Region Joint Spring Meeting-** Bret wanted to make sure everyone was comfortable with a meeting in Reno for 2022. Also, does the group feel comfortable hosting a joint meeting with WEDA, they will be in the region. The next spring we will likely meet in Denver at CSU's new facility.

l. **Western Region Joint Summer Meeting-** Will return to Concord California in 2022.

VIII. Fellowship with BYOB & Refreshments

IX. Adjourn

Action Items

- I. Scot recommends speaking with their contacts for research faculty and then follow up with Shannon and Mandy with the Western Regional Mental Health Network. Shannon is going to get a presentation to the group for them to share.
- II. Assess opportunities regarding tribal connections at individual institutions and report back at the fall meeting.
 - I. Western Region Communications – Two requests: 1. Identify who the contact people are, and what they are authorized to communication. 2. Consider training for your organization by Sarah Lupis.
- II. Caron Gala with APLU requested regional and national data that would be helpful in making the case for FANR.