



# North Central Regional Association of State Agricultural Experiment Station Directors

212<sup>th</sup> Meeting  
 North Dakota State University  
 Radisson Hotel, 201 5<sup>th</sup> Street North, Fargo, ND  
 Tuesday, July 24, 2018, 10 am to 12 noon

## Final Agenda and [Draft Meeting Minutes](#)

Time	Item #	Topic	Presenter
10:00 am	1.0	Welcome and Call to Order	Joe Colletti, 2018 NCRA Chair
	2.0	Approval of <a href="#">Spring 2018 Minutes</a>	
	3.0	Adoption of the Agenda	
10:05 am	4.0	Interim Actions of the Chair <ul style="list-style-type: none"> <li>• <a href="#">NCRA (mostly) Final FY2018 Office Budget &amp; NCRA FY2019 Budget</a></li> <li>• Antimicrobial Resistance Research and Education Institute at IA State</li> </ul>	Joe Colletti, Jeff Jacobsen, Chris Hamilton
10:15 am	5.0	NC Admin Boot Camp 2018 Report	Ernie Minton, Jeff Jacobsen
10:25 am	<a href="#">6.0</a>	MRC Report	Greg Cuomo, Chris Hamilton, Jeff Jacobsen
10:30 am	7.0	FFAR Update	Doug Buhler
10:35 am	8.0	NRSP Review Committee Update	Doug Buhler, Jeff Jacobsen
10:45 am	9.0	Impact Database Update	Jeff Jacobsen
10:55 am	10.0	ESCAP CMC Discussion	Jeff Jacobsen, All
11:15 am	<a href="#">11.0</a>	NCRA Plan Update	Jeff Jacobsen
11:25 am	12.0	B&L Update and NIFA Budget Strategic Realignment	Ernie Minton
11:35 am	<a href="#">13.0</a>	Re-Imagining Multistate Projects Update	Dave, Bill, Deb, Tim (NIFA), Marc, Jeff, Chris
11:45 am	14.0	Fall NCRA Meeting Topic Ideas	All
11:50 am	<a href="#">15.0</a>	Fall 2018 ESS/AES/ARD Meeting & Workshop Update	Deb Hamernik
11:55 am	16.0	Other Business, as needed <ul style="list-style-type: none"> <li>• Request for updated NIFA Policy Guide Hatch project instructions</li> </ul>	All
		Future Meetings: <a href="https://www.ncra-saes.org/calendar">https://www.ncra-saes.org/calendar</a> <ul style="list-style-type: none"> <li>• Fall ESS/AES/ARD Meeting and Workshop, Lincoln, NE, October 1-3, 2018.</li> <li>• APLU Annual Meeting, New Orleans, LA, November 11-13, 2018.</li> <li>• Spring NCRA Meeting, Scottsdale Marriott Suites Old Town, March 25-27, 2019.</li> </ul>	
12:00 noon	<i>Adjourn, boxed lunches available in the Atrium.</i>		

**NCRA Business Meeting Minutes, 7/24/2018**

**Attendees:** Joe Colletti, Jeff Jacobsen, Marshall Martin, Dave Benfield, Doug Buhler, John Killefer, Richard Vogel, Bill Gibbons, Ernie Minton, Deb Hamernik, Gary Pierzynski, Greg Cuomo, Ken Grafton, Archie Clutter, John Phillips, Bill Barker, Chris Hamilton (recorder)

Item #	Notes	Action Taken
2.0	Approval of <a href="#">Spring 2018 Minutes</a>	Approved
3.0	Adoption of the Agenda	Ernie requested an overlap of the ESCOP B&L update with the NIFA Strategic Re-alignment discussion. Agenda approved with these stated additions.
4.0	<p>Interim Actions of the Chair</p> <ul style="list-style-type: none"> <li>• <a href="#">NCRA (mostly) Final FY2018 Office Budget &amp; NCRA FY2019 Budget</a> <ul style="list-style-type: none"> <li>○ Almost final, awaiting UW-Madison FY18 close-out data</li> <li>○ Note decreasing projected balance going forward into FY2020</li> <li>○ Consider increasing assessment for FY2020</li> </ul> </li> <li>• Antimicrobial Resistance Research and Education Institute at IA State           <ul style="list-style-type: none"> <li>○ Four thematic areas existed in IA’s proposal selected by APLU</li> <li>○ NE, IA contributed funds to the Institute</li> <li>○ Possible APLU, federal, other funds may exist in the future, but none available yet</li> <li>○ Please share information on this institute widely. IA State invites others to join and collaborate to make it a successful transdisciplinary effort.</li> <li>○ University of IA and UNL have linkages to human medical resources, but could use more.</li> <li>○ Paul Plummer (IA State, <a href="mailto:pplummer@iastate.edu">pplummer@iastate.edu</a>) is the point contact, but interest can also go through Joe Colletti for now, until a steering committee is formed. Joe will send out an executive summary for all to share and post on NCRA website.</li> </ul> </li> </ul>	<p>For information only; consider increasing NCRA office assessment for FY2020. Jeff/Chris will develop options for the Executive Committee to review and discuss. In addition, a request was made to secure information from the other regions on their methodology.</p> <p>Joe will send an informational document/executive summary to the group for posting on the NCRA website and further distribution.</p>

5.0	<p>NCR Admin Boot Camp</p> <ul style="list-style-type: none"> <li>• 2018 was the second boot camp, first one was June 2017 in Minneapolis, MN</li> <li>• The program is designed for newer administrators in AES and EXT</li> <li>• About 20 attendees this year, slightly more from EXT than AES</li> <li>• Held in Detroit, MI</li> <li>• See <a href="http://www.nceea.org/nc-admin-boot-camps/2018-boot-camp/">http://www.nceea.org/nc-admin-boot-camps/2018-boot-camp/</a> for details and other materials</li> <li>• A post-session survey will be distributed soon and the results will be shared with the group</li> </ul>	For information only.
6.0	<p>MRC Report</p> <ul style="list-style-type: none"> <li>• All NC projects up for renewal are fully approved and awaiting their 10/1/2018 start date</li> <li>• Germán Bollero (IL) has agreed to join our Multistate Research Committee (MRC), replacing Jane Schuh who changed roles at NDSU.</li> <li>• As always, we have an NC AA shortage. Chris is serving as an admin only-AA to several projects (meeting authorizations, report approvals, NIMSS help), but projects thrive better with a permanent, engaged AA able to guide the committee and attend meetings. Marshall suggested we create a document listing directors, associates, etc. with area of expertise. Consider engaging more with Extension for ERA AAs.</li> <li>• Eligibility of NRSPs for Excellence in Multistate Research Award discussion. Are NRSPs eligible to apply for the award? The NCRA discussed this issue and approved a motion to keep the award only for regional multistate projects, not NRSPs.</li> </ul>	<p>Chris will work on updating a document listing NC AAs with directors, associates, etc. and their area of expertise. Also, we'll add a multistate portfolio update discussion to the NCRA spring meeting. Chris will also reach out to NCCEA when ERA AA vacancies arise.</p> <p>The NCRA voted to approve a motion stating only multistate projects are eligible for the Multistate Award, not NRSPs.</p>
7.0	<p>FFAR Update</p> <ul style="list-style-type: none"> <li>• Farm Bill funding of FFAR is still uncertain</li> </ul>	For information only.

	<ul style="list-style-type: none"> <li>• 2017 report available via FFAR; request a copy via their website: <a href="https://foundationfar.org/2017-annual-report/">https://foundationfar.org/2017-annual-report/</a></li> </ul>	
8.0	<p>NRSP-RC Update</p> <ul style="list-style-type: none"> <li>• NRSP-RC committee discussions paralleled our NCRA spring meeting</li> <li>• Doug and Jeff will re-evaluate the NRSP midterm review form</li> <li>• The NRSP-RC also discussed who is best suited to conduct the mid-term reviews of NRSPs. Should it be the AAs or external peer reviews? Discussion indicated that it depends on the project and the engagement of the AAs.</li> <li>• Projects reviewed this year: <ul style="list-style-type: none"> <li>○ NRSP4: On track, has good self-reviews, but external reviews were recommended going forward for balance.</li> <li>○ NRSP8 (renewal proposal: The committee responded to the NRSP-RC on all points regarding whether NRSP funds go to actual research support or not. More info to come for Fall ESS vote</li> <li>○ NRSP6: The NRSP-RC revisited if continued support is valid or should industry support take over. Industry support likely to not increase more than what already exists. NRSP funds pay for tissue culture technician, which is mandatory to keep the gene bank alive. The group discussed options, funding diversification, and activities NRSP6 should take in response to the NRSP-RC.</li> </ul> </li> </ul>	<p>For information only. The formal NRSP vote on NRSP8's renewal proposal and budget and any other recommendations will occur during the ESCOP business meeting at the Fall ESS workshop in Lincoln, NE.</p>
9.0	<p>Impact Database Update</p> <ul style="list-style-type: none"> <li>• TAMU database lists impacts for AES and EXT, which are currently submitted by state communications contacts who were previously given uploading access.</li> <li>• The TAMU website is being updated and will include analytics on who is using the site.</li> </ul>	<p>Please identify three people (e.g. Communicators, Evaluators, Impact Writers) willing to serve as impact statement reviewers for the TAMU database and send names to Jeff and Chris.</p>

	<ul style="list-style-type: none"> <li>Quality of impacts has been variable, so going forward, access will be restricted to approved and trained individuals. Training is via webinar and will be about 1.5 hours.</li> <li>Action requested: Need three AES (and three EXT) reviewers for submissions, to improve quality. Reviewers would serve 2 year terms.</li> </ul>	
10.0	<p>Communications and Marketing Committee (CMC) Discussion</p> <ul style="list-style-type: none"> <li>Re-evaluation of the actions and organization of this committee is occurring, perhaps align it more closely to Policy Board.</li> <li>The NCRA discussed the functionality of kglobal and whether or not their actions are meeting our needs.</li> <li>The NCRA then voted to approve a motion of no confidence regarding kglobal, to be shared and discussed with the rest of ESCOP during the Fall ESS business meeting.</li> <li>The group agreed that the CMC should be updated to better meet the goals and priorities of the LGU family.</li> </ul>	The NCRA voted to approve a motion of no confidence regarding kglobal's activities and functionality, to be shared and discussed with the rest of ESCOP during the Fall ESS business meeting.
11.0	<p>NCRA Plan Update – Jeff presented for information the updated <a href="#">NCRA Plan</a> document.</p>	For information only. Jeff suggested directors look over the Best Practices section and add to as needed and also consider which ones should be included in future meetings, especially our spring NCRA meeting.
12.0	<p>ESCOP B&amp;L Update/ Strategic Re-Alignment of NIFA Budget Lines</p> <ul style="list-style-type: none"> <li>Ernie is the current chair of B&amp;L, with Dave and Shawn as our other NC reps.</li> <li>The committee meets by phone monthly with regular updates from APLU and Cornerstone.</li> <li>Recent business has focused strongly on the strategic re-alignment of NIFA budget lines. We have 47, but would like to cut it down to 12 or even fewer.</li> </ul>	For information only.

	<ul style="list-style-type: none"> <li>• Currently, many items are zeroed out by the President's budget annually, so the goal is to reduce the number of lines significantly to improve advocacy effort and streamline our priorities.</li> <li>• Language exists in the House Farm Bill directing NIFA to engage in a consolidation process, as well.</li> <li>• The B&amp;L will engage with regional SARE to ensure they are appropriately represented in this process and not adversely affected.</li> <li>• Please go to page 47 here <a href="http://escop.info/wp-content/uploads/2017/10/ESCOP_MATERIALS_2018_0717.pdf">http://escop.info/wp-content/uploads/2017/10/ESCOP_MATERIALS_2018_0717.pdf</a> for detailed background and proposed updated line table.</li> </ul>	
13.0	<p>Re-Imagining Multistate Projects Update: See Chris' thoughts/notes <a href="#">here</a>.</p> <ul style="list-style-type: none"> <li>• This topic follows up on our spring meeting discussion on streamlining our multistate projects processes.</li> <li>• NIFA is engaged and willing to work with us to help and provide input on any ideas we might have.</li> <li>• Chris suggested the possibility of changing NC ERAs and CCs to 10-year duration committees to reduce the amount of renewal proposal preparation.</li> <li>• Chris/Jeff will set up a call this fall with the ad-hoc committee to discuss ideas.</li> </ul>	Please contact Chris with input on streamlining ideas on multistate project processes from your staff. A fall conference call will be scheduled with the interested directors.
14.0	<p>Fall Meeting Topic Ideas</p> <ul style="list-style-type: none"> <li>• Updated NIFA Policy Guide discussion: Deadline for input might be before fall. Perhaps request an extension from Parag/Tim.</li> <li>• Review of NC multistate project portfolio</li> <li>• Meeting prioritization</li> <li>• NAS 2030 Breakthroughs (Archie willing to lead)</li> </ul>	For information only.
15.0	<p>Fall ESS/AES/ARD Meeting and Workshop</p> <ul style="list-style-type: none"> <li>• Deb Hamernik, ESCOP Chair-elect for FY19 gave a brief update on meeting arrangements</li> <li>• <a href="https://www.regonline.com/2018EES">https://www.regonline.com/2018EES</a></li> </ul>	Registration now open at: <a href="https://www.regonline.com/2018EES">https://www.regonline.com/2018EES</a>

16.0	Other Business <ul style="list-style-type: none"><li>John Phillips mentioned that he's working with NCRCRD on possible collaborations and that the First Americans Land-grant Consortium (FALCON) meeting will be held in MSP 11/2-11/5/2018</li></ul>	For information only.
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**Meeting adjourned at 12:13 pm CT.**

**Written Briefs – For information only**

- ESCOP Business Meeting Briefs – Joint COPs, July 17, 2018: [http://escop.info/wp-content/uploads/2017/10/ESCOP\\_MATERIALS\\_20180717.pdf](http://escop.info/wp-content/uploads/2017/10/ESCOP_MATERIALS_20180717.pdf)



**Item 4.0: NCRA Office Budget Update (FY18 mostly final and FY19 budgeted)**

Presenters: Joe Colletti, Jeff Jacobsen, Chris Hamilton

Action Requested: None, for information only

As of 7/13/2018:

<b>NCRA FY2018 (mostly final) and FY19 Budget</b>				
<b>INCOME</b>				
	<b>FY2017</b>	<b>FY2018</b>		<b>FY2019</b>
<b>Description</b>	<b>Final</b>	<b>Budget</b>	<b>YTD***</b>	<b>Budget</b>
State Assessments	425,763	425,763	425,761	425,763
Account Carryover (MSU)		43,435	43,435	43,208
<b>TOTAL INCOME</b>	<b>425,763</b>	<b>469,198</b>	<b>469,196</b>	<b>468,971</b>
<b>EXPENSE</b>				
	<b>FY2017</b>	<b>FY2018</b>		<b>FY2019</b>
<b>Description</b>	<b>Final</b>	<b>Budget</b>	<b>YTD***</b>	<b>Budget</b>
<b>NCRA</b>				
Regional Initiatives****	-	-	5,000	
			(5,000)	
<b>NCRA Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>MICHIGAN STATE</b>				
Executive Director Salary	196,000	205,000	205,000	213,200
Fringe*	51,156	53,505	48,621	55,219
Office Operating	3,885	3,000	3,242	3,000
Travel	31,781	30,000	30,510	35,000
Training	60	-	-	-
MSU Administrative/Service Fees (2% MSU)****	5,603	5,830	5,830	6,128
<b>MSU Subtotal</b>	<b>288,485</b>	<b>297,335</b>	<b>293,203</b>	<b>312,547</b>
<b>U of WISCONSIN</b>				
Assistant Director Salary	72,255	79,480	79,480	82,659
Fringe**	30,675	34,462	32,351	33,890
Office Operating	1,258	3,000	2,322	3,000
Travel	9,852	8,000	6,288	12,000
Training	380	500	320	500
Meeting Support	1,756	2,000	(976)	2,000
UW Administrative/Service Fees (2% CALS, 5% UW)	-	-	8,486	9,383
<b>UW Subtotal</b>	<b>116,176</b>	<b>127,442</b>	<b>128,272</b>	<b>143,433</b>
<b>TOTAL EXPENSE</b>	<b>404,661</b>	<b>424,778</b>	<b>421,475</b>	<b>455,980</b>
<b>BALANCE</b>	<b>21,102</b>	<b>44,420</b>	<b>47,721</b>	<b>12,991</b>
*MSU FY19 est. fringe: 25.9%				
**UW FY19 est. fringe: approx 42% (includes est. term leave monthly fee of \$24.80/month)				
***Full FY expenditures for salary + fringe + MSU admin fees, YTD actuals, for other categories.				
****Still awaiting final MSU FY17 and FY18 close-out admin fees.				
*****Bt Corn Video (invoice = expense).				

<b>NCRA Accounts at MSU and UW</b>			
<b>Account at MSU</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>
MSU Starting Balance	17,371	43,435	43,208
MSU Income	425,763	425,763	425,763
MSU Budgeted Expenses	288,485	297,335	312,547
MSU Budgeted Expenses + UW invoice	405,072	429,892	451,695
Estimated MSU Ending Balance/Carryover	38,062	39,306	17,276
Actual MSU Ending Balance/Carryover**	43,435	43,208	tbd
<b>Account at UW</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>
UW Starting Balance	(1,184)	(773)	4,285
UW Income	-	-	-
UW Expenses	116,176	128,272	143,433
Actual UW Ending Balance/Carryover		-	
<i>UW Operating Reserve (3 mo)</i>	<i>25,000</i>	<i>25,000</i>	<i>25,000</i>
<i>Estimated UW Invoice to MSU*</i>	<i>115,602</i>	<i>129,045</i>	<i>139,148</i>
<i>Actual UW Invoice to MSU</i>	<i>116,587</i>	<i>132,557</i>	
*UW will invoice MSU mid-quarter for actual expenses (\$34,787 in August 2018; \$34,787 in November 2018; \$34,787 February 2019, and ??? in May 2019 to cover final 2018 expenses).			
**Includes budgeted FY17 and 18 MSU admin fees, which haven't been closed out yet.			

**Unpaid Assessments, as of 7/13** (reminders sent 7/9, due 8/31/2018):

- Missouri
- North Dakota
- Minnesota

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## Item 6.0: MRC Report, July 2018

Presenter: Greg Cuomo, MRC Chair

**Action requested:** Seeking a volunteer to take over Jane Schuh's MRC position

### For information only:

- FY2019 multistate project approval summary below. All NC multistate projects renewing on 10/1/2018 have been fully approved.
- Updated Call for Nominations for the 2019 ESS Award for Excellence in Multistate Research – Deadline for regions to submit their nominations to S&T pushed up to May 15.
- Discussion on eligibility of NRSPs for the ESS Award for Excellence in Multistate Research

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### **Final Summary of New and Renewed NCRA Multistate Project Proposals Approved for 10/1/2018 to 9/30/2023 – All NC Projects Fully Approved and Awaiting Official Start Date, as of 7/1/2018!**

1. NC2040, Metabolic Relationships in Supply of Nutrients for Lactating Cows – NIFA Approved
2. NC1170, Advanced Technologies for the Genetic Improvement of Poultry – NIFA Approved
3. NC2042, Management Systems to Improve the Economic and Environmental Sustainability of Dairy Enterprises – NIFA Approved
4. NC213, Marketing and Delivery of Quality Grains and BioProcess Coproducts – NIFA Approved
5. NC2172, Behavioral economics and financial decision-making and information management across the lifespan – NIFA Approved
6. NC3169 (was NC2169), EFNEP Related Research, Program Evaluation and Outreach – NIFA Approved
7. NC1207 (New project), Collaborative for Research on Food, Energy, and Water Education – NIFA Approved
8. NCCC307, Biochemistry and Genetics of Plant-Fungal Interactions – Approved (no NIFA approval required for CCs, ERAs, DCs, or ACs)
9. NCCC308, Nutrition and Management of Feedlot Cattle to Optimize Performance, Carcass Value and Environmental Compatibility - Approved (no NIFA approval required for CCs, ERAs, DCs, or ACs)
10. NCERA210, Improving the management and effectiveness of cooperatively owned business organizations - Approved (no NIFA approval required for CCs, ERAs, DCs, or ACs)

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Item 11.0: NCRA Plan Update

Presenter: Jeff Jacobsen

Action Requested: For information and discussion

XXX	Initial NCRA Plan Element
XXX	Active NCRA Plan Element
XXX	New NCRA Plan Element

**NCRA Plan**

**1. MULTISTATE RESEARCH COMMITTEE (MRC)**

Ensure that multistate projects are linked to priority NC research themes (NOTE: assumes there are agreed-upon themes)

- Cross reference (matrix) NC multistate projects with Battelle Study, ESCOP Roadmap, USDA NIFA priorities, PCAST Report, ECOP Strategic Opportunities, Natural Resources Roadmap, NCCEA, key federal agencies, others. Also, need to account for NCR faculty participation in other regional committees.

**ACTION:** Align MRC priorities and review processes. Consider all options (combine, terminate, create). Identify research gaps and emerging issues and determine next steps.

- Future Multistate projects – **Industrial hemp (SERA), Big data or open access data (NRSP proposed not approved) and NC librarians, Unmanned aerial systems (SERA),** viticulture, microbiome, oats (SD, MN), organic systems, local/urban/regional food systems, **Monarch butterfly, soil health,** others.

**ACTION:** Openly consider priority of NC projects and the various committee options.

Create/enhance assessment methods to get stakeholder (groups vary by task/issue) and peer input.

- Do we routinely ask the same (or any) questions of NCAC groups? **Completed. Need to develop questions and provide to the AAs and NCAC members. For example: recent initiatives at the federal level, professional society perspectives on issues and their initiatives).**
- Do we ask anything of the state/regional/national commodity groups or organizations, foundations and other federal agencies?

**ACTION:** Review the interactions and review contributions from NCAC groups. **Spring 2018 meeting connected with United Soybean Board, National Corn Growers Association, Monsanto, Danforth Center and the 39N Development.**

- Encourage stronger NCAC discussion and input. Discuss existing state mechanisms to receive input and determine if these could (should) be scaled up or consider alternatives. **Reviewed all NCAC projects and discussed with AAs.**

Are MRC funding approaches across the NCR appropriate and adequate? Are there alternative models to be considered?

**ACTION:** Inventory of use, needs/opportunity. NCRA could discuss implications and alternatives.

Assist in the training of new AAs and resourcing new directors.

- Create and update as needed (**IL, MI, MN, MO, OH, WI, SD**)

## 2. CATALYZE GROWTH AND QUALITY IN PARTNERSHIPS

Explore new networks across thematic areas with faculty expertise (group, program and facility registry), shared analytical/service/**phenotype and genotype**/clinical facilities, watershed/wetland labs, climate science centers, geospatial technologies and many others. Integrate and optimize the LTARs, LTERs, forest stations and **field station system (e.g. dairy, specialty crops)** investments in regional/national system.

**ACTION:** Create an inventory template(s) for each state to complete prior to meeting and conduct a 'speed dating' session(s).

What is the strategic relationship between NCRA and NCR Administrative Heads, Extension, CARET and Academic Programs? Is there any type of regional (maybe national) programmatic aspirations to identify and articulate an NCR agenda or enhance key programs (e.g. across climate, water, health and other themes)? NCCEA is a recognized regional entity with potential priority focus given the NCRA.

**ACTION:** Directors discuss potential opportunities.

- **NC Climate Expertise (AES and CES)**
- **North Central Water Network collaborations**
- **NC Boot Camp for new/recently appointed administrators (twice)**

Enhance graduate student training and synergies across the NCRA (e.g. graduate student exchange and experiences, recruitment, shared NCR courses).

- **Explored a Collaborative Working Space for Graduate Education in Agriculture, Natural Resources and Agbiosciences**

Consider strategic discussions, actions and leveraging with regional faculty expertise across NCRA institutions and others.

- **USDA ARS, National Animal Disease Center and other national labs.**
- **Danforth Center and others (NCRA visited).**
- **Research centers and stations (with faculty and/or staff) and others.**
- **Existing Centers/Institutes at LGUs and programs in veterinary medicine, biomedical and engineering (NCR Antibiotic Resistance Roundtable).**
- **Private sector research programs (Protein Highway).**

Explore the strategic opportunities for programmatic collaborations.

- **Canadian and Mexican universities (given the recent addition into APLU and potential existing linkages as well as proximity to several NCRA States) (APLU has formed a committee, explore invitations to mini Land-grant meeting. In addition, the Joint COPs in 2017/2018 were conducted in those countries).**
- **Commodity groups in region/nation.**
- **NRCS (national discussions leading to regional actions), Forest Service, BLM, Conservation Districts and others.**
- **1890, 1994 (Tribal College Extension Program – Capacity and Special Emphasis grant programs; Tribal College Research Program, Tribal College Research Area of Expertise; FALCON 2018 in MN), other institutions.**
- **Protein Highway or Ag Innovation Corridor (I29-I35 and Highway 75 [US and Canada]) (Greg Cuomo exploring opportunities).**
- **Sun Grant Advisory Group.**

- Regional Governor's Association or State Departments of Ag/Environment/Natural Resource Agencies (consider integrating NASDA, NACO).

Create new and expand stakeholder assessment, consultation and implementation activities.

**ACTION:** tbd

### 3. ENHANCE THE NCRA:

Have periodic communication (e.g. conference calls or emails) with Executive Committee.

- Instituted monthly Executive Committee calls either by phone and/or Zoom.
- Conduct as needed with NCCEA or other groups.

Add value to the region and NCRA brand.

- NCRA (and other regions) presence on ESCOP website.
- NCRA Website redone in 2017-18.
- An increasing number of LGUs are declining to host 'allied' websites at their institution. Explore the ramifications for those sites that are part of the NC portfolio. Could be connected to 'big data' initiatives.

Budget.

- Routine activity

Engage with and build relationships with key groups (USDA NIFA, Cornerstone Government Affairs, APLU)

- CARE Panel Manager (x2), Tribal College Extension Program – Capacity and Special Emphasis Panel Manager (two programs), Tribal College Research Program Panelist
- Interactions with all levels of administrators, NPLs, staff.
- Sightlines National Steering Committee member.
- Tactical Sciences Conversation with UMD and NIFA.
- Attend NERAOC; CARET/AHS and contribute to Congressional one-pagers; Joint COPs; S&T Liaisons.
- NIFA webinars; Feedback to NIFA; Preapproval for equipment purchase with capacity funds, Time and Effort reporting.

Consider professional development for AD and ED.

- UW and MSU as appropriate; Diversity training; NIFA webinars, NERAOC meeting; SSSC annual meeting, USDA Agricultural Economic Outlook Forum.
- Develop plan/ideas for on-going experiences.

Promote regional multistate awardees through NCRA action.

- Instituted refinement process (with assistance from North Central state communication/editor staff for NC nomination prior to national submission.
- Provided signed certificate to all members of the NC regional awardee.
- Created letter for MRC Chair to send as feedback to all applicants.
- Improved the national call for multistate project nominations and evaluation criteria for S&T review.

Regional programs.

- Open access data (ESS, NCRA, new NRSP); New LGUs; State and federal budgets; Diversity initiative (NCRA and as ESS initiative); Climate (NC

- AES/CES discussions and website); Tech transfer faculty feedback experiences (NCRCRD); Unique facilities.
- Provide accountability actions with USDA and others (e.g., NIMSS regional lead); NRSP1 AA.
  - Create initiatives (courses, training, joint committees; discussion with grad program leaders) with graduate students to leverage and grow the NC enterprise; Off-the-top funding mechanisms; Practices and future IP trends with domestic and international markets.
  - State visit rotations for ED (consider integrating 1994 connections).
  - Other themes – water, soil health, hemp, UAS, organic systems (periodic calls), microbiomes, anti-microbial resistance (NC1206, Antibiotic Resistance Roundtable)
  - Best Practice Sessions: P&T, TT or NTT faculty (early); Start-up and retention packages; Program redirection, evolution or elimination; Space renovations and (re)allocation; Succession planning with faculty and administration; Creating educational opportunities for faculty, legislators, state agencies, federal officials, upper administration regarding stations/centers and other aspects of unique operation; Working with millennials, Issues with faculty with businesses (e.g. productivity, time and effort, space and equipment rental, Pre- and Post-award services (grant review, workshops); Building and facility security; Teaching workloads and splits; Split-funded positions (university and grower groups/agencies); Diversity hires and spousal/partner accommodations; Pre- and Post-approval grant award services; Conflict of Interest (COI); Use agreements for university space towards commercialization and business development; F&A conversations (institutional distribution, sources [federal, regional, state associations/agencies, foundations, industry], waivers, ongoing adds in future
  - Funding alternatives with operations, maintenance, renovations or new construction at centers or stations (e.g. timber, gravel, livestock, stone, farmer-owned, foundation/gifts, endowments, development professional focus); Pros and cons of user fees associated with greenhouses (postponed), labs, centers/station, equipment.
  - Uses of NIFA capacity funds and leveraging to capture competitive funds.
  - Professional advancement and best practices exchange for staff and leaders at centers/stations organized as NCCC.
  - Provide seed money to regional priorities to leverage with external groups and other institutions (Organic, Dairy Research Institute (on-going discussion more as CES activity), Climate, Water, Big data, Open Access Data, others).
  - Several states conduct a Washington, DC visit for new faculty. Should there be an analogous program for existing faculty and/or NCRA directors?
  - Organized state visits for NCRA directors.
  - Facilitate a service for department/unit reviews (like USDA used to do; recently this has been mentioned as a restart within the agency).

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## **Item 13.0: Re-imagining Multistate Projects**

**Presenter: Chris Hamilton**

**Action requested: For discussion and input**

NCRA Office Multistate Research Call with USDA-NIFA – Notes

June 26, 2018

**Participants:** Adam Preuter, Karl Maxwell, Tim Connor, Jeff Jacobsen, Chris Hamilton

### **Call Notes:**

- Jeff gave background on the rationale for today's call and why we are reviewing the multistate research program
- What do we need to do to meet USDA-NIFA's requirements? What could we add to enhance the program?
  - NIFA points others to multistate projects and reports to obtain data, other information
  - Impactful reporting is key
  - Improving processes is supported by NIFA
- Karl is a good NIFA contact for suggested process changes for the NCRA
- Be clear with scope of changes, how much, how many people would be involved. Don't promise more than you can give.
- Go through the process and identify "pain" areas, then rank those. Perhaps focus on only changing a few of the most critical ones

### **Suggested Ideas/Pain Areas** (thinking only on CCs and ERAs at this time)

- Proposal renewal/development every 5 years
  - Affects committee writing team
  - Does it need to be 5 years or could the duration be longer?
  - How much really needs to change with each iteration?
    - Current/previous work
    - Updated/modernized Objectives, as applicable
- Annual report preparation
  - Affects committee chair/secretary and AA if they need many reminders
  - Committees are making this much harder and longer than they need to
  - Use template to collect only multistate collaborative activities and accomplishments from each station
  - 2-3 pages of multistate work, impacts, accomplishments, publications
  - Station reports are available through REEport and should not be in NIMSS
  - Chris will continue to communicate this to AAs, committees
- Review Process
  - Affects Chris and assigned reviewers, NCAC AAs, MRC
  - Many assignments, communications back and forth, reminders, and explanations each year



- Do ERAs/CCs need to be included in NCAC reviews or can just the MRC look at them?  
Could we save NCAC efforts for research projects?
- Other areas identified by NCRA directors?? What are they hearing from their researchers, admins, etc.?

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**Item 15.0: Fall 2018 ESS/AES/ARD Meeting & Workshop Update**

**Presenter: Deb Hamernik**

**For information only**

**“Pursuing Partnerships”**

**2018 ESS/SAES/ARD Fall Meeting**

Embassy Suites, Lincoln, NE

Monday, October 1 - Wednesday, October 3, 2018

**Preliminary Agenda (as of July 1, 2018)**

**Monday, October 1**

- 12:00 noon      Registration Opens (Embassy Suites lobby)
- 1:00 pm          Optional Tours (Nebraska Innovation Campus) Return to hotel around 5:00 pm.
- 6:00-8:00        Opening Reception with heavy snacks (Pinnacle Bank Arena—4 blocks from hotel)

**Tuesday, October 2**

- 6:30-8:00        Breakfast (Embassy Suites Buffet in lobby--included with sleeping room charges)
- 8:00-10:00       Regional Associations Meetings (rooms available at 7:00 am, if needed)
- 10:00-10:30      Networking Break
- 10:30-10:45      Nebraska Welcome
- 10:45-12:00      **Keynote Presentation (State Funding of Agricultural Experiment Stations)**  
*Moderator:*      Deb Hamernik  
*Speaker:*        Greg Perry (Colorado State University)
- 12:00-1:00        Networking Lunch
- 1:00-2:45        **Session I:      Partners for a Unified Message in Support of Agricultural Research**  
*Moderator:*      Cathie Woteki (Riley Memorial Foundation)  
*Speakers:*        Tim Fink (SoAR)  
                          Andy Lavigne (President, NC-FAR)  
*Invited:*  
                          Barb Glenn (NASDA)
- 2:45-3:15        Networking Break
- 3:15-5:00        **Session II:      Partnerships for a Diversified Funding Portfolio**  
*Moderator:*      Sally Rockey (FFAR)  
*Speakers:*        Blake Bextine (DARPA; Insect Allies & Advanced Plant Technologies)  
                          Todd Anderson (DOE; Director, Biological Systems Science)  
                          George Smith (MSU; Advocacy for NIH & USDA NIFA Dual Purpose/Dual Benefit)  
*Invited:*  
                          Representatives from Bill & Melinda Gates Foundation and/or Kellogg

6:00 Dinner on Your Own

**Wednesday, October 3**

6:30-8:00 Breakfast (Embassy Suites Buffet in lobby--included with sleeping room charges)

8:00-9:45 **Session III: Inclusive Leadership Development: The Implications of Implicit Bias for Decisions in Higher Education**

*Moderators:* Gary Thompson (ESCOP Chair)  
Shirley Hymon-Parker (ESCOP Past Past Chair)

*Speaker:* Paulette Granberry Russell (Michigan State University)

9:45-10:15 Networking Break

10:15-12:15 Experiment Station Section Business Meeting

12:15-1:00 Lunch

1:00-2:30 Experiment Station Section Business Meeting

2:30 Adjourn

2:45 Optional Tour (Field Phenotyping Facility at the Eastern Nebraska Research & Extension Center near Mead, NE)

5:30 Return to Embassy Suites Hotel

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**Draft realignment based on institution type, program area. Assumes off the top allocation processes within institution type, eg. 1890, 1994, 1862 Extension**

	Appropriations Line (s)	Statutory Reference from Report	Legislative Authority from RFA	Proposed Realignment	FY 2018 Enacted Funding Level	Realigned funding level
<b>1890 Capacity Grants and Facilities Program</b>	See details	<b>7 U.S.C. 2152(b), 7 U.S.C. 3222b</b>		1890 Capacity, Facilities Programs		39.066
Extension Activities	Extension Services at 1890 Institutions	7 U.S.C. 3221	NARETPA - Section 1444	1890 Extension	45.620	45.620
Research and Education Activities	Evans-Allen Program	7 U.S.C. 3222	NARETPA - Section 1445	1890 Research	54.185	54.185
1994 Programs	See details	7 U.S.C. 301 note, 7 U.S.C. 343(b)(3)		1994 Programs		13.686
Research and Education Activities	McIntire-Stennis Cooperative Forestry Act	16 U.S.C. 582a through a-7	McIntire-Stennis Cooperative Forestry Research Act	M-S Capacity	33.961	33.961
Research and Education Activities	Hatch Act	7 U.S.C. 361a-i	Hatch Act of 1887	1862 AES Capacity	243.701	243.701
AFRI Competitive Programs	See details	See details		AFRI		441.643
Regional Centers of Excellence	See details	See details		Regional Centers of Excellence		47.000
3d Programs		See details		3d Programs		101.540
Extension Activities	Smith-Lever Act, Section 3(b) and (c) programs and Cooperative Extension	7 U.S.C. 343(b) and (c) and 208(c) of P.L 93-471	Smith-Lever Act - Section 3 (b) and (c)	1862 Extension Capacity	300.000	300.000
Crop Protection/Tactical Science	See details	See details		Tactical Science		56.413
Vet Med Programs		7 U.S.C. 3151 a, b		Vet Med Programs		10.500

Draft realignment based on institution type, program area. Assumes off the top allocation processes within institution type, eg. 1890, 1994, 1862 Extension						
NIFA Table Top Line	Appropriations Line	Statutory Reference from Report	Legislative Authority from RFA	Realignment	FY 2018 Enacted Funding Level	Realigned funding level
<b>1890 Capacity Grants and Facilities Programs</b>						39.066
Research and Education Activities	Education Grants for 1890 Institutions	7 U.S.C. 2152(b)	Equity in Educational Land-Grant Status Act of 1994	1890 Grants program	19.336	
Extension Activities	Facility Improvements at 1890 Institutions	7 U.S.C. 3222b	NARETPA - Section 1455 (b)	1890 Grants program	19.730	
Extension Activities	Extension Services at 1890 Institutions	7 U.S.C. 3221	NARETPA - Section 1444	1890 Extension	45.620	45.620
Research and Education Activities	Evans-Allen Program	7 U.S.C. 3222	NARETPA - Section 1445	1890 Research	54.185	54.185
<b>1994 Programs</b>						13.686
Research and Education Activities	Research Grants for 1994 Institutions	7 U.S.C. 301 note	Equity in Educational Land Grant Status Act of 1994	1994s	3.801	
Research and Education Activities	Payments to the 1994 Institutions	7 U.S.C. 301 note	Equity in Educational Land-Grant Status Act of 1994	1994s	3.439	
Extension Activities	Extension Services at 1994 Institutions	7 U.S.C. 343(b)(3)	Equity in Education Land-Grant Status Act of 1994 - Section 534 (b)	1994s	6.446	
Research and Education Activities	McIntire-Stennis Cooperative Forestry Act	16 U.S.C. 582a through a-7	McIntire-Stennis Cooperative Forestry Research Act	M-S Capacity	33.961	33.961
Research and Education Activities	Hatch Act	7 U.S.C. 361a-i	Hatch Act of 1887	1862 AES Capacity	243.701	243.701
<b>AFRI Competitive Programs</b>						441.643
Research and Education Activities	Continuing Animal Health and Disease Research Program	7 U.S.C. 3195	NARETPA - Section 1433	AFRI	4.000	
Research and Education Activities	Supplemental and Alternative Crops	7 U.S.C. 3319d	NARETPA - Section 1473 (d)	AFRI	0.825	
Research and Education Activities	Secondary and 2-year Post-Secondary Education	7 U.S.C. 3152(j)	NARETPA - Section 1417 (b) (1)	AFRI	0.900	
Research and Education Activities	Special Research Grants - Aquaculture Research	7 U.S.C. 450i(c)	Competitive, Special, and Facilities Research Grant Act	AFRI	1.350	
Research and Education Activities	Special Research Grants - Global Change/UV Monitoring		Competitive, Special, and Facilities Research Grant Act - Section 2 (c) (1) (b)	AFRI	1.405	
Research and Education Activities	Grants for Insular Areas	7 U.S.C. 3222b-2, 3362, and 3363	NARETPA - Sections 1490 and 1491	AFRI	2.000	
Research and Education Activities	Special Research Grants - Potato Research	7 U.S.C. 450i(c)	Competitive, Special, and Facilities Research Grant Act - Section 2 (c) (1) (b)	AFRI	2.500	
Research and Education Activities	Alfalfa and Forage Research Program	7 U.S.C. 5925	7 U.S.C. 5925 (d) (8)	AFRI	2.250	
Research and Education Activities	Education Grants for Alaska Native and Native Hawaiian-Serving Institutions	7 U.S.C. 3156	NARETPA - Section 1419 (b)	AFRI	3.194	
Research and Education Activities	Capacity Building for Non Land-Grant Colleges of Agriculture	7 U.S.C. 3319i	NARETPA - Section 1473 (f)	AFRI	5.000	
Research and Education Activities	Multicultural Scholars, Graduate Fellowship and Institution Challenge Grants	7 U.S.C. 3152(b)	NARETPA - Section 1417	AFRI	9.000	
Research and Education Activities	Education Grants for Hispanic-Serving Institutions	7 U.S.C. 3241	NARETPA - Section 1455	AFRI	9.219	
Research and Education Activities	Agriculture and Food Research Initiative	7 U.S.C. 450i(b)	Competitive, Special, and Facilities Research Grant Act - Section 2 (b)	AFRI	400.000	
<b>Regional Centers of Excellence</b>						47.000

Research and Education Activities	Farm Business Management	7 U.S.C. 5925f	FACT Act - Section 1672 (d)	Regional Center of Excellence	2.000
Integrated Activities	Regional Rural Development Centers	7 U.S.C. 450i(c)	1965 Act - Section 2 (c) (1) (b)	Regional Center of Excellence	2.000
Research and Education Activities	Sun Grant Program	7 U.S.C. 8114	2008 Farm Bill - Section 7526	Regional Center of Excellence	3.000
Research and Education Activities	Aquaculture Centers	7 U.S.C. 3322	NARETPA - Section 1475 (d)	Regional Center of Excellence	5.000
Research and Education Activities	Sustainable Agriculture Research and Education	7 U.S.C. 5811, 5812, 5831, and 5832	FACT Act - Section 1621, 1622, 1628, 1629	Regional Center of Excellence	35.000

<b>3d Programs</b>					<b>101.540</b>	<b>169.474</b>
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Extension Activities	Smith-Lever Act, Section 3(d) - Agriculture in the K-12 Classroom	7 U.S.C. 3152(j)	NARETPA - Section 1417 (b) (1)	Smith Lever 3(d)	0.552
Extension Activities	Smith-Lever Act, Section 3(d) - New Technologies for Agricultural Extension	7 U.S.C. 343(d)	Smith-Lever Act - Section 3 (d)	Smith Lever 3(d)	1.550
Extension Activities	Rural Health and Safety Education Programs	7 U.S.C. 2662(i)	Rural Development Act of 1972 - Section 502 (i)	Smith Lever 3(d)	3.000
Extension Activities	Renewable Resources Extension Act	16 U.S.C. 1671 et seq.	Renewable Resources Extension Act	Smith Lever 3(d)	4.060
Extension Activities	Smith-Lever Act, Section 3(d) - Farm Safety and Youth Farm Safety Education Programs	7 U.S.C. 343(d)	FACT Act - Section 2390	Smith Lever 3(d)	4.610
Extension Activities	Smith-Lever Act, Section 3(d) - Children, youth, and Families At Risk	7 U.S.C. 343(d)	Smith-Lever Act - Section 3 (d)	Smith Lever 3(d)	8.395
Extension Activities	Smith-Lever Act, Section 3(d) - Food and Nutrition Education	7 U.S.C. 343(d)	NARETPA - Section 1425	Smith Lever 3(d)	67.934
Extension Activities	Women and Minorities in Science, Technology, Engineering and Mathematics (STEM) Fields	7 U.S.C. 3152(j)	NARETPA - Section 1417 (b) (1)	Smith Lever 3(d)	0.400
Extension Activities	Food Safety Outreach Program	7 U.S.C. 7625	Food and Drug Cosmetic Act - Section 1011 (d)	Smith Lever 3(d)	7.000
Extension Activities	Food and Ag Service Learning	7 U.S.C. 7633	Section 413 of the AREERA of 1998	Smith Lever 3(d)	1.000
Extension Activities	Smith-Lever Act, Section 3(d) - Federal Recognized Tribes Extension Program	7 U.S.C. 343(d)	Smith-Lever Act - Section 3 (d)	Smith Lever 3(d)	3.039 1994s to be eligible

Extension Activities	Smith-Lever Act, Section 3(b) and (c) programs and Cooperative Extension	7 U.S.C. 343(b) and (c) and 208(c) of P.L 93-471	Smith-Lever Act - Section 3 (b) and (c)	1862 Extension Capacity	300.000	300.000
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<b>Crop Protection/Tactical Science</b>					<b>56.413</b>
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Extension Activities	Food Animal Residue Avoidance Database Program	7 U.S.C. 7642	AREERA - Section 7642	Crop Protection/Tactical Science	2.500
Integrated Activities	Methyl Bromide Transition Program	7 U.S.C. 7626	AREERA - Section 406	Crop Protection/Tactical Science	2.000
Integrated Activities	Organic Transition Program	7 U.S.C. 7626	AREERA - Section 406	Crop Protection/Tactical Science	5.000
Extension Activities	Food Safety Outreach Program	7 U.S.C. 7625	Food and Drug Cosmetic Act - Section 1011 (d)	Crop Protection/Tactical Science	7.000
Integrated Activities	Food and Agriculture Defense Initiative	7 U.S.C. 3351	NARETPA - Section 1484	Crop Protection/Tactical Science	8.000
Research and Education Activities	Minor Crop Pest Management	7 U.S.C. 450i(c)	Competitive, Special, and Facilities Research Grant Act	Crop Protection/Tactical Science	11.913
Integrated Activities	Crop Protection/Pest Management Program	7 U.S.C. 7626	AREERA - Section 406	Crop Protection/Tactical Science	20.000

<b>Vet Med Programs</b>					<b>10.500</b>
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Research and Education Activities	Veterinary Services Grant Program	7 U.S.C. 3151b	NARETPA - Section 1415 (b)	Vet Med	2.500
Research and Education Activities	Veterinary Medicine Loan Repayment	7 U.S.C. 3151a	NARETPA - Section 1415 (a)	Vet Med	8.000