## North Central Regional Association of State Agricultural Experiment Station Directors

**207th Meeting**  
**Room:** Wapati 1 (was Antelope 1)  
**Jackson Lake Lodge, Jackson, WY**  
**Tuesday, September 20, 2016;** 7 am to 8:45 am

### Final Agenda and Meeting Minutes (page 3)

<table>
<thead>
<tr>
<th>Time</th>
<th>Item #</th>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am</td>
<td>1.0</td>
<td>Welcome and Call to Order</td>
<td>Deb Hamernik, NCRA 2016 Chair</td>
</tr>
<tr>
<td>7:05 am</td>
<td>2.0</td>
<td>Approval of Summer 2016 Minutes, see: <a href="http://ncra.info/docs/Historical/Minutes/Aug2016.pdf">http://ncra.info/docs/Historical/Minutes/Aug2016.pdf</a></td>
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<tr>
<td>7:15 am</td>
<td>3.0</td>
<td>Adoption of the Agenda</td>
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<tr>
<td>7:00 am</td>
<td>4.0</td>
<td>Interim Actions of the Chair</td>
<td>Deb Hamernik</td>
</tr>
<tr>
<td>7:15 am</td>
<td>5.0</td>
<td>NCRA Office Report</td>
<td>Jeff Jacobsen, Chris Hamilton</td>
</tr>
<tr>
<td>7:30 am</td>
<td>6.0</td>
<td>NC Admin Boot Camp Update</td>
<td>Ernie Minton</td>
</tr>
<tr>
<td>7:35 am</td>
<td>7.0</td>
<td>NC Water Network</td>
<td>Jeff Jacobsen, Marc Linit, Greg Cuomo, Archie Clutter</td>
</tr>
<tr>
<td>7:50 am</td>
<td>8.0</td>
<td>Best Practices Discussion Session: Repair, Maintenance, and New Construction of Research Facilities</td>
<td>All</td>
</tr>
<tr>
<td>8:30 am</td>
<td>9.0</td>
<td>Review of FY2017 NCRA Officers and Committee Members</td>
<td>Ernie Minton, nominations committee</td>
</tr>
<tr>
<td>8:35 am</td>
<td>10.0</td>
<td>General Announcements</td>
<td>All</td>
</tr>
<tr>
<td>8:40 am</td>
<td>11.0</td>
<td>NCRA Officer Changing of the Guard</td>
<td>Deb Hamernik, NCRA 2016 Chair; Archie Clutter, NCRA 2017 Chair</td>
</tr>
</tbody>
</table>

**Future Meetings:**  

- APLU Annual Meeting, November 13-15, 2016, JW Marriott, Austin, Austin, TX
- Joint CARET/AHS Meeting, March 5-8, 2017, The Westin Alexandria Hotel, 400 Courthouse Square, Alexandria, VA
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:45 am</td>
<td>Adjourn</td>
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</table>

- NCRA Spring Meeting, April 3-5, 2017, Courtyard by Marriott Riverwalk, San Antonio, TX
- NC Summer Mini Land-grant Meeting, July 23-25, 2017, hosted by Purdue University. More info TBA.
- Fall ESS/AES/ARD Meeting and Workshop, September 25-28, 2017, Philadelphia, PA
# Meeting Minutes

**Attendees:** Deb Hamernik (NCRA 2016 Chair, NE), Ernie Minton (KS), Daniel Scholl (SD), Parag Chitnis (NIFA), Bill Gibbons (SD), Joe Colletti (IA), Becky Walth (ESCOP CARET rep), Marc Linit (MO), Greg Cuomo (MN), Karen Plaut (IN), Rick Lindroth (WI), Doug Buhler (MI), Dave Benfield (OH), Jeff Jacobsen (NCRA), Chris Hamilton (NCRA, recorder)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Notes</th>
<th>Action Taken</th>
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<tbody>
<tr>
<td>2.0</td>
<td>Approval of Summer 2016 Minutes, see: <a href="http://ncra.info/docs/Historical/Minutes/Aug2016.pdf">http://ncra.info/docs/Historical/Minutes/Aug2016.pdf</a></td>
<td>Approved</td>
</tr>
<tr>
<td>3.0</td>
<td>Adoption of the Agenda</td>
<td>Requested additional discussion on Bayer and Monsanto merger and TEConomy survey; Agenda was then approved</td>
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</table>
| 4.0    | Interim Actions of the Chair  
- Brief discussion occurred on UW and MSU NCRA contracts status. Jeff’s new contract has been finalized with MSU. Chris Hamilton’s is under review with UW-Madison. Rick Lindroth will check on its status.  
- NC Volunteers for Stakeholder Feedback on NIFA Grants Modernization, NCRA is well represented. | For information only |
| 5.0    | NCRA Office Report  
- Jeff and Chris gave a brief presentation of the NCRA Office Budget, as of 9/1/2016. We are missing one state assessment. Chris sent the original invoice back in April 2016 and a reminder again in August. Deb Hamernik will follow up with that state.  
- Jeff gave a brief update of 1994s and possible future involvement with NCRA. More information to come.  
- Discussion on NCAC Review ensued. Jeff requested directors engage NCACs more to improve their project review efforts for the NCRA. Perhaps the MRC can also develop a future NCAC plan over the next year through a few phone calls. Marc Linit and Karen Plaut discussed the activities of NCAC4 and NCAC24, respectively. | Deb Hamernik will follow up with the missing state assessment. The NCRA MRC will hold a few phone calls over the next year to discuss a path forward to improve NCAC activity. |
<p>| 6.0    | NC Admin Boot Camp Update: Ernie Minton gave a brief discussion and background on the status of the developing NC Admin Boot Camp. Discussion ensued on the efficiency of more new admin training and concerns over the proposed time involved; perhaps a mentoring program would be just a valuable? Some expressed concerns on the value/efficiency of having AES members | Jeff, Chris, and Ernie will share the NCRA thoughts with the rest of the Boot Camp planning team. |</p>
<table>
<thead>
<tr>
<th>Section</th>
<th>Topic</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>attend sessions led by CES and vice-versa. Jeff, Ernie, and Chris will share NCRA thoughts with the other Boot Camp planning team.</td>
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<td>7.0</td>
<td>NC Water Network hardcopy document passed out in the meeting. Online version: <a href="http://tinyurl.com/hj7hk4n">http://tinyurl.com/hj7hk4n</a></td>
<td>Discussion ensued on the role of NC AES in the Network. The NCRA wishes to continue to support the NC Water Network through existing multistate committees, such as SERA46 and NC1190. Jeff will share these thoughts with Rebecca Power.</td>
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<tr>
<td>8.0</td>
<td>Best Practices Discussion Session: Repair, Maintenance, and New Construction of Research Facilities: Discussions initiated and led by Greg Cuomo, Dave Benfield, and Bill Gibbons.</td>
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<tr>
<td>• In MN &amp; SD, there is more legislative support for new buildings than renovations. OSU is the opposite.</td>
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<td>• Capital planning group at OSU was given tours of the campus, so they saw the condition of facilities and now there’s no question of where priorities are.</td>
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<td>• Consider having a “Lean” efficiency study done to better position construction, locations, and design of facilities</td>
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<td>• Needs tend to exceed resources, so institutions often falling behind</td>
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<td>• Industry doesn’t support research in old facilities as much as they would new.</td>
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<tr>
<td>• Is there a need for such diverse facilities or can we better collaborate across states? Teaching can be an issue, esp. for animal science.</td>
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<tr>
<td>• There is a need for a broader strategy, perhaps more involvement with decision makers in planning and improvements</td>
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<tr>
<td>• Expanded industry partnerships save money and resources, create less competition, offer better teaching opportunities and research. Possible resistance from faculty can occur, though.</td>
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<tr>
<td>• We will continue this discussion at the NCRA Spring Meeting, focusing perhaps on dairy research facilities. NCRA EC will work on formalizing the topic, perhaps with one animal and one other topic, such as specialty crops.</td>
<td></td>
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</tr>
<tr>
<td>9.0</td>
<td>Review of FY2017 NCRA Officers and Committee Members</td>
<td>For information only</td>
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<tr>
<td>10.0</td>
<td>General Announcements/Additional Topics</td>
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<tr>
<td>• Discussion on concern over Bayer-Monsanto and other industry mergers, availability of germplasm,</td>
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<td>Jeff will talk to Clarence Watson and Eric Young and</td>
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</table>
data sets, etc. How do we address this issue? Perhaps as a scholarly letter to Science? A response to the letter to Nature? Go through C-FAR? Jeff will talk to Clarence/Eric and have them bring it up with the policy board.

- Alton Thompson shared a handout on the 2017 ARD Research Symposium. Please share with your faculty and student.
- Jeff briefly discussed the upcoming ESS votes on budget and NRSPs for information only.
- TEConomy infrastructure survey: Very long (36 pages) and directors expressed concern over the time needed and eventual quality of the data. This survey will be discussed later during the national updates section of the larger workshop.

<table>
<thead>
<tr>
<th>11.0</th>
<th>NCRA Officer Changing of the Guard</th>
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<tbody>
<tr>
<td></td>
<td>Archie Clutter was unable to attend, so there was no formal, in person changing of the guard. However, Archie Clutter is our new FY2017 NCRA Chair.</td>
</tr>
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</table>
### NCRA Budget (as of 9/1/2016)

#### INCOME

<table>
<thead>
<tr>
<th>Description</th>
<th>FY2015</th>
<th>FY2016</th>
<th>FY2017**</th>
<th>YTD#</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Assessments</td>
<td>370,763</td>
<td>370,763</td>
<td>425,763</td>
<td>394,476</td>
</tr>
<tr>
<td>Account Carryover (MSU &amp; UW)</td>
<td>171,488</td>
<td>23,495</td>
<td>17,371</td>
<td>17,371</td>
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<tr>
<td><strong>TOTAL INCOME</strong></td>
<td>542,251</td>
<td>394,258</td>
<td>443,134</td>
<td>411,847</td>
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</table>

#### EXPENSE

<table>
<thead>
<tr>
<th>Description</th>
<th>FY2015</th>
<th>FY2016</th>
<th>FY2017</th>
<th>YTD#</th>
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</thead>
<tbody>
<tr>
<td>NCRA</td>
<td></td>
<td></td>
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<tr>
<td>Regional Initiatives</td>
<td></td>
<td></td>
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<tr>
<td>NCRA Subtotal</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>NCRA Subtotal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MICHIGAN STATE</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Executive Director Salary*</td>
<td>246,667</td>
<td>190,000</td>
<td>195,000</td>
<td>32,667</td>
</tr>
<tr>
<td>Fringe***</td>
<td>62,239</td>
<td>44,466</td>
<td>50,895</td>
<td>7,970</td>
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<tr>
<td>Office Operating</td>
<td>18,190</td>
<td>2,476</td>
<td>3,000</td>
<td>116</td>
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<tr>
<td>Travel</td>
<td>30,756</td>
<td>20,961</td>
<td>30,000</td>
<td>271</td>
</tr>
<tr>
<td>Training</td>
<td></td>
<td>8,550</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSU Administrative/Service Fees</td>
<td>6,368</td>
<td>4,930</td>
<td>5,578</td>
<td>10</td>
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<td><strong>MSU Subtotal</strong></td>
<td>364,220</td>
<td>271,383</td>
<td>284,473</td>
<td>41,033</td>
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<tr>
<td>U of WISCONSIN</td>
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<tr>
<td>Assistant Director Salary</td>
<td>61,141</td>
<td>67,255</td>
<td>72,255</td>
<td>12,043</td>
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<tr>
<td>Fringe****</td>
<td>21,399</td>
<td>27,393</td>
<td>30,347</td>
<td>6,403</td>
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<tr>
<td>Office Operating</td>
<td>4,245</td>
<td>2,320</td>
<td>3,000</td>
<td>503</td>
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<tr>
<td>Travel</td>
<td>13,221</td>
<td>9,725</td>
<td>8,000</td>
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<tr>
<td>Training</td>
<td>1,794</td>
<td>200</td>
<td></td>
<td>165</td>
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<tr>
<td>Meeting Support</td>
<td>2,000</td>
<td></td>
<td>2,000</td>
<td></td>
</tr>
<tr>
<td><strong>UW Subtotal</strong></td>
<td>103,800</td>
<td>106,893</td>
<td>115,602</td>
<td>19,113</td>
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<tr>
<td><strong>TOTAL EXPENSE</strong></td>
<td>468,020</td>
<td>378,276</td>
<td>400,075</td>
<td>60,147</td>
</tr>
<tr>
<td><strong>BALANCE</strong></td>
<td>74,231</td>
<td>15,982</td>
<td>43,059</td>
<td>351,700</td>
</tr>
</tbody>
</table>

*ED salary and fringe for 16 months (FY15 only).

***$55,000 increase reflects difference between MSU Budgeted Expenses, UW Invoice, and historical S370,763 assessment (FY10).

****MSU FY17 fringe: 26.1% actual, 25.75% estimated; FY16 25.45% actual; FY15 24%.

****UW FY17 fringe 42% actual, 37.5% estimated; FY16 37%; FY15 35%.

# Full FY expenditures for salary + estimated fringe, as of 9/13/2016 actuals for other categories.
Summary of Review of NCACs (9/2016)

Background

- **Active ACs**
  - Crop and Soil Research, Animal Health Advisory Committee, Horticultural Crops, Livestock Production, Agricultural Economics, Plant Pathology, Entomology and Economic Zoology, Biological and Agricultural Engineering, Food Science and Human Nutrition, Agricultural Education Research

- **Terminated ACs**
  - Human Sciences, Forestry and Forest Products, Rural Sociology, Fisheries and Wildlife

- **Responsibilities**
  - Rate all ongoing projects/committees under their purview
  - Identify apparent duplication in the multistate research program
  - Characterize future multistate research needs
  - Review proposals for NC and NCCC/NCERA activities
  - Review requests for continuation of ongoing activities
  - Conduct critical midterm evaluations of NC projects and NCERAs/NCCCs during the third year of existence
  - ACs charged to look at meeting minutes and AA evaluations as a guide to their review (self-fulfilling prophecy?)

General Observations

- This AC Review solely based upon the respective AC Annual Meeting minutes for the last 7 years (if available)
- Extremely wide range of information provided
- Speculation is that they function as they have been generally functioning throughout their existence
- Participation by the AA and the NIFA representatives are highly variable and generally poor
- Their meeting times may or may not coincide with MRC and NCRA needs for project review
- The number of NC projects that each AC could be assigned is wide ranging; There are a number of NC projects that are not directly connected to an AC as well
- Some ACs have only NC participation, while others have more of a national perspective; Several ACs have met with other regions ACs (Southern)
- Most ACs meet in conjunction with another activity (professional society, allied committees, federal agencies, regional branch meetings); some reviews take place by phone
- Some ACs provide a detailed meeting agenda that goes way beyond the multistate project review and some have none

Needs

- MRC and NCRA Office review and provide guidance to ACs for implementation in 2017 and beyond? Question the ACs on their level of interest to continue. Consider review alternatives and so on. Should we routinely ask them questions to get ‘stakeholder’ input and other ideas for director consideration?
- If we improve on the ACs, theoretically it will help MRC/NCRA functions and all of the way through national impact statements across multistate committees
- Primer/review of purpose, activities and opportunities with ACs to include how to and what is needed for a review
- Revisit AAs?
Potential added-value discussions to ACs (examples)
  o Share best practices; Future professional discipline issues
  o Collaboration and cooperation across states and regions; Where appropriate there may be interest from other non-LGUs and ARS to participate
  o Meet in conjunction with federal/state agencies and/or professional societies
  o Faculty evaluations, salary inversion/compression strategies, evaluations of team efforts, 9 vs 12 month appointments, learning outcomes, development activities, state reports, tours
  o Combining departments and creating business service centers; Conducting department reviews
  o Development of shared courses and on-line programs
  o Creation of alternative revenue streams
  o Pre- and post-grant award services both at department and college levels
  o Diversity with undergraduate and graduate students, and faculty
  o International collaborative opportunities
Item 9.0: Nominations Committee Update for 2017
Presenter: Ernie Minton
Action Requested: None, for information only

NORTH CENTRAL REGIONAL ASSOCIATION OF STATE AGRICULTURAL EXPERIMENT STATION DIRECTORS
FY2017 Officers and Committee Members
(Fiscal Year 2017 begins October 1, 2016)
Last Updated: 8/30/2016

Officers:
A. Clutter, NE, NCRA Chair (aclutter2@unl.edu)
J. Colletti, IA, Chair-Elect (colletti@iastate.edu)

Executive Committee:
A. Clutter, NE, NCRA Chair (aclutter2@unl.edu)
J. Colletti, IA, Chair-Elect (colletti@iastate.edu)
D. Hamernik, NE, Past Chair (dhamernik2@unl.edu)
J. Jacobsen, NCRA, Exec. Vice Chair (Perm) (jjacobsn@msu.edu)

Multistate Research Committee (3-year term):
N. Merchen, IL, MRC Chair (17) (nmerchen@illinois.edu)
G. Cuomo, MN, (16-18) (cuomogj@umn.edu)
D. Scholl, SD, (17-19) (daniel.scholl@sdstate.edu)
G. Smith, MI, (17-20) (smithge7@anr.msu.edu)
J. Jacobsen, Ex-Officio (jjacobsn@msu.edu)

Resolutions Committee (3-year term):
M. Linit, MO, (15-18) (linit@missouri.edu)

Nominating Committee (2-year term):
E. Minton, KS (15-17) (eminton@ksu.edu)

Committee on Legislation and Policy
E. Minton, KS, (Alternate to Clarence Watson) (eminton@ksu.edu)
J. Jacobsen, Ex-Officio (jjacobsn@anr.msu.edu)

NRSP Review Committee Representative (4-year term):
D. Buhler, MI (14-18) (buhler@anr.msu.edu)

ESCOP (3-year term):
A. Clutter, NE, NCRA Chair (16-17) (aclutter2@unl.edu)
J. Colletti, IA, Chair-Elect (16-18) (colletti@iastate.edu)
D. Hamernik, NE, NCRA Past Chair (17) (dhamernik2@unl.edu)
J. Jacobsen, NCRA (Perm Alt) (jjacobsn@msu.edu)

**ESCOP Executive Committee:**
D. Hamernik, NE, NCRA Past Chair (17) (dhamernik2@unl.edu)
J. Jacobsen, NCRA (Perm Alt) (jjacobsn@msu.edu)

**ESCOP Chair's Advisory Committee:**
J. Jacobsen, NCRA (Perm Alt) (jjacobsn@msu.edu)

**ESCOP Budget and Legislative Committee:**
J. E. Minton, KS (eminton@ksu.edu)
K. Plaut, IN (kplaut@purdue.edu)

**ESCOP Communications and Marketing Committee:**
W. Wintersteen, IA (agdean@iastate.edu)
D. Scholl, SD, (daniel.scholl@sdstate.edu)

**ESCOP Science and Technology Committee:**
J. Colletti, IA, (colletti@iastate.edu)
D. Hamernik, NE, (dhamernik2@unl.edu)
J. Jacobsen, NCRA (Perm Alt; Exec Vice Chair) (jjacobsn@msu.edu)

**ESCOP Science and Technology Committee Social Science Sub-Committee (3-year term):**
Emily Buck, OH, (15) (buck.210@osu.edu) - Ag Communications
Mike Retallick, IA (13) (msr@iastate.edu) – Ag Education
Soyeon Shim, WI (13) (sshim7@wisc.edu) – Human Sciences
Linda Lobao, OH (14) (lobao.1@osu.edu)– Rural Sociology
Corinne Valdivia, MO, (16) (valdiviac@missouri.edu) – Ag Econ
Mark Skidmore, NCRCRD, (16) (mskidmor@anr.msu.edu)

**ESCOP NIMSS Oversight Committee/NRSP1:**
J. Jacobsen, NRSP1 Lead AA (jjacobsn@msu.edu)
C. Hamilton, co-NIMSS lead system admin (Christina.Hamilton@wisc.edu)

**Other Appointments**

**North Central Rural Development Center Board (4-year term):**
D. Buhler, MI (perm, MSU rep), (buhler@msu.edu)
N. Merchen, IL, (14-18) (nmerchen@illinois.edu)
CY Wang, SD, (14-18) (cy.wang@sdstate.edu)

**North Central Bioeconomy Consortium**
NCBEC Vice President, J. Colletti, IA (colletti@iastate.edu)
The goal of the ARD Research Symposium is to provide a forum for interactions, share knowledge, expand partnerships through networking, as well as to showcase the talents and achievements of the 1890 community. The 2017 ARD Biennial Research Symposium will be held April 1-4, 2017 at the Hyatt Regency in Atlanta, Ga.

The ARD Research Symposium has become the foremost network for integrating scholarly experiences between researchers and undergraduate/graduate students in the food and agricultural sciences at the 1890 land-grant universities. The ARD symposium promotes excellence in student learning, experiences, and outcomes. The assembly focuses on students’ experiential learning and challenges on the opportunities that face land-grant universities and on the “next new idea” and initiatives to strengthen the 1890 research and education enterprise. Thus, the ARD Research Symposium cultivates students’ potential to assume roles as both scientists and leaders of an evolving knowledge-based, global economy. Ben Franklin said it best: “Tell me and I forget. Teach me and I remember. Involve me and I learn.”

The ARD Biennial Research Symposium will also provide opportunities for scientists to present research papers and posters that share innovative and practical research findings in the food and agricultural sciences. The Symposium is expected to attract nearly 1000 participants, and more than 650 research papers and posters will be presented.

The topics for 2017 Symposium are:

- Family, Youth, Community and Economic Development
- Food Safety, Nutrition and Health
- Renewable Energy, Natural Resources, and Environment
- Plant Health and Production and Plant Products
- Animal Health and Production and Animal Products
Click here to register:
https://www.umes.edu/ARD/1890symposium/RegistrationForm.pdf

Click here for hotel information and registration:
https://aws.passkey.com/event/14466006/owner/323/home

Exhibitors
To become an Exhibitor, click here:
https://www.umes.edu/ARD/1890symposium/Exhibitor.aspx

Sponsors
To become a Sponsor, click here:

For Additional Information, please contact:
Alton Thompson, Ph.D., ARD Executive Director
North Carolina A&T State University
(336) 285-2995 or athompson1@ncat.edu

or visit
https://www.umes.edu/ARD/1890symposium/