

**Minutes of the Coordinating Committee**  
**National Animal Nutrition Program – NRSP-9**  
**Conference Call - October 30, 2014**  
**2:00 pm EDT**

1. **Call to Order:** Chair Gary Cromwell called the October 30, 2014 meeting of the Coordinating Committee of the National Animal Nutrition Program to order at 2:00 pm EDT with Todd Applegate, Jack Odle, Mark Hanigan, Phillip Miller, Mary Beth Hall, Mike Galyean, Austin Lewis (NRC), Charlotte Kirk Baer (USDA), Bret Hess (Administrative Advisor), Robin White, Huyen Tran, and Kasey Klein in attendance.
2. **Minutes of the Previous Meeting:** Minutes of the September 25, 2014 meeting of the Committee were reviewed. Hearing no corrections, the minutes were approved as written.
3. **Brief Comments and Updates:**
  - a. *Administrative Advisors:* Hess noted the NRSP-9 renewal proposal and attachments have been distributed to the five peer reviewers. Hess expects to receive the reviews by January, and will then relay comments for the Committee to consider for proposal revision.
  - b. *NRC:* Galyean reported the Beef NRC will be available for external review within the next month. The Beef NRC committee is finishing details on evaluation of models and using external data to evaluate items. Galyean noted reviewers have been contacted, and expects to wrap up responses to the reviews in early spring. The NRC should be printed thereafter. Galyean also mentioned that a proposed symposium at the 2015 Joint Annual Meeting was cancelled, due to the probability that the printing process would not be completed by July. The Beef NRC committee has decided to host a webinar to announce the NRC release. Odle suggested promoting the webinar at the NANP exhibit booth at JAM to garner interest. Lewis reported the Dairy NRC committee held their first meeting in September. Hanigan and Hall both noted it was a productive meeting. Lewis also reported that problems concerning the Swine NRC multiple language function has been fixed.
  - c. *NIFA:* Kirk Baer reported that NIFA is operating under a continuing resolution until December 11, 2014 and all things are currently running smoothly.
  - d. *Feed Composition Committee:* Tran reported the Feed Composition committee finished screening data for the Beef NRC, which includes 195 feeds. Tran was able to use 60% of all data collected for the feed database, while the remaining 40% was found irrelevant, not classified correctly, or inappropriate for other reasons. Tran is currently creating a document outlining the work she completed on the Beef NRC, which will be useful to others working on ingredient composition databases in the future. Miller noted the Feed Composition committee will have a conference call on Friday, November 21, 2014.
  - e. *Modeling Committee:* Hanigan reported that several items on the NANP website have been updated, and the Participation Forum is now operational. Hanigan recently held a conference call with Lewis and Robin Schoen (NRC) concerning a secure download section on the NANP website for NRC use, as well as creating a cross species platform to assist in teaching nutrition. Hanigan will provide Lewis and Schoen with further information concerning these

ideas. Hanigan mentioned that Gavin LaRowe of ChalkLabs will be contacting Kirk Baer concerning source codes with the NANP website. He also noted the Modeling committee will hold a meeting in Phoenix, AZ on Tuesday, February 3, 2015.

4. **Spring Summit:** Hanigan reported that the Summit planning is progressing, with a majority of the speakers confirmed. The committee is still looking for three more speakers to fill the agenda, and comparing locations to hold the meeting. The Summit will be held March 25, 2015.
5. **Global Animal Nutrition Network:** Odle and Kirk Baer discussed their work with ChalkLabs concerning the Statement of Work for the Global Animal Nutrition Network. Odle mentioned once a quote has been received, he will send it to the Committee for evaluation. Kirk Baer noted a few potential problems that could arise with specific sources of information, but will continue to work with LaRowe to obtain reliable and consistent sources.
6. **NANP Website:**
  - a. *User Forum:* White reported that a press release concerning the Participation Forum will be sent to several outlets; including Feedstuffs, ASAS, ADSA, FASS, and PAS. White also noted the new location of the Forum on the website, and reported there are currently fourteen users and five posts. All Committee members are once again encouraged to register and participate in the Forum.
  - b. *Animal Performance Information Search:* White reviewed the changes made to the website to correct previously noted problems with the Information Search. White also noted two additional data sets have been uploaded, and should soon be integrated into the system. White has drafted a press release to announce the new information available.
  - c. *Resources Tab Suggestions:* White requested Committee approval to make changes under the Resources tab on the NANP website. Notable changes would be made to the current Software tab, as well as restructuring the remaining areas of the Resources tab to make the website more user-friendly. The Committee agreed to allow White to follow up on the requested changes. Cromwell noted the Committee should consider amending a previous motion from the August 7, 2014 meeting making Tran the primary correspondent concerning website changes. Hanigan moved to make both White and Tran co-correspondents relating to website changes, with the responsibility to include Kirk Baer in communications with ChalkLabs. Galyean seconded the motion, and the motion passed.
  - d. *Members Only Tab:* Odle questioned if a tab intended only for Committee members could be included on the website to post meeting minutes, previous policy statements made by the Committee, and other important documents. White and Klein will follow up with this suggestion.
7. **NANP and NRC Relationship:** Kirk Baer reminded the Committee of the NANP's dedication to operate within our originally designed role to be complementary to the NRC. It is important that all conversations between the NANP and NRC involve Cromwell, Kirk Baer, and the Coordinating Committee. Kirk Baer reported no current problems with this relationship, but reminded the Committee to be cognizant that the relationship needs to operate as originally designed.

## 8. Communications and Other:

- a. *Abstracts, Journal Papers, and White Papers:* It was noted Tran is putting together an abstract for the 2015 JAM, and White has 5-6 manuscripts prepared concerning model evaluations.
- b. *International Production and Processing Expo Booth:* Miller noted that researching NANP attendance at the Expo was a previous action item, and the Feed Composition committee agreed it would be a good way to increase NANP presence within the poultry industry. The cost of an exhibition booth begins at \$2,200, with additional funds needed for carpeting, tables, chairs, etc. for the booth area. Miller moved to procure the NANP booth at the Expo held January 27-29, 2015 in Atlanta, GA; Odle seconded, and the motion passed.
- c. *ADSA/ASAS Joint Annual Meeting Booth:* Cromwell noted he will again work with ASAS to secure the NANP booth at the JAM held July 13-15, 2015 in Orlando, FL.
- d. *Correspondence:* Cromwell reported that thank you letters were sent to all invited speakers at the June 19-20, 2014 meeting in Washington, D.C.
- e. *National Pork Board Grant Application:* Miller reported on a proposal to the National Pork Board concerning feed efficiency. He noted Tran is gathering information on assays, methodology, and evaluation of carbohydrates in pig feed, and is working on the proposal to conduct a survey on feed composition and analysis. Miller stated the proposal is in the beginning stages, and the Committee will have time for input and comments in the near future.

9. **Adjournment:** The meeting was adjourned at 3:30 pm EDT. The next meeting of the Coordinating Committee will be Thursday, November 20, 2014 at 2:00 pm EST.

## ACTION ITEMS

- The Coordinating Committee will include the Beef NRC webinar information at the 2015 JAM NANP exhibit booth.
- Mark Hanigan will provide Austin Lewis and Robin Schoen with further information concerning a secure download section on the NANP website for NRC use, and creating a cross species platform for teaching purposes.
- Charlotte Kirk Baer will work with Gavin LaRowe of ChalkLabs concerning source codes with the NANP website.
- Don Beitz, Mark Hanigan, and Robin White will secure the additional speakers needed to fill the Spring Summit agenda.
- Jack Odle and Charlotte Kirk Baer will continue work with ChalkLabs on the Global Animal Nutrition Network. Work to be completed includes reviewing the Statement of Work, presenting a quote to the Committee, and obtaining reliable and consistent information sources.
- Robin White will follow through on suggested changes to the Resources tab on the NANP website.
- Robin White and Huyen Tran will act as co-correspondents relating to all NANP website changes, with the responsibility to include Kirk Baer in communications with ChalkLabs.
- Robin White and Huyen Tran will work with ChalkLabs to include a tab for Committee members on the NANP website to post meeting minutes, previous policy statements made by the

Committee, and other important documents. Kasey Klein will compile a list of previous policy statements to include.

- Phil Miller and Kasey Klein will procure the NANP booth at the International Processing and Production Expo held January 27-29, 2015 in Atlanta, GA.
- Gary Cromwell will work with ASAS to secure the NANP booth at the Joint Annual Meeting held July 13-15, 2015 in Orlando, FL.
- Huyen Tran will submit a proposal concerning feed efficiency for the National Pork Board Grant Application.
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**Minutes of the Coordinating Committee  
National Animal Nutrition Program – NRSP-9  
Conference Call – November 20, 2014  
2:00 pm EST**

- 1. Call to Order:** Chair Gary Cromwell called the November 20, 2014 meeting of the Coordinating Committee of the National Animal Nutrition Program to order at 2:00 pm EST with Todd Applegate, Phillip Miller, Don Beitz, Bill Weiss, Charlotte Kirk Baer (USDA), Robin White, and Kasey Klein in attendance.
- 2. Minutes of the Previous Meeting:** Minutes of the October 30, 2014 meeting of the Committee were reviewed. Beitz moved to approve the minutes as written, Weiss seconded, and the minutes were approved by a voice vote.
- 3. Brief Comments and Updates:**
  - a. Administrative Advisors:* No Advisors were present, and thus no report was available.
  - b. NRC:* No NRC representatives were present, and thus no report was available.
  - c. NIFA:* Kirk Baer reported nothing new to discuss concerning NIFA.
  - d. Feed Composition Committee:* Miller reported the Feed Composition committee will hold a conference call on Friday, November 21, 2014 at 3:00 pm EST. Miller noted Huyen Tran has finished her work with the Beef NRC committee, and is currently preparing to work with the Dairy NRC committee. Miller also reported that not enough time was available for Tran to complete the National Pork Board grant proposal concerning feed analysis and classification, but work will continue on the topic for committee benefit, and will be prepared if future funding opportunities arise.
  - e. Modeling Committee:* White reported the Participation Forum press release has been sent out, and improved participation from industry, academia, and government personnel is expected. White recently received the Beltsville Agricultural Research Center data, and is working through hardware conversions to access the data. White also noted the Modeling committee will hold a meeting in Phoenix, AZ on Tuesday, February 3, 2015. White updated the Committee on the previous action item to create a cross species platform with NRC. White created a document that highlights the long term effects of improving the availability and accessibility of the NRC website if software improvements were made. She will distribute

this information for the Coordinating Committee to review before submitting the document to NRC.

4. **Spring Summit:** Beitz reported the Summit planning is progressing, and reviewed the schedule of confirmed speakers. The Committee received the Summit agenda and several proposed advertising brochures, and is encouraged to provide feedback to White. Klein noted the Summit planning committee is working on additional details concerning location, catering, and audio/visual needs. Beitz moved to approve holding the Spring Summit at the National Press Club in Washington, D.C., Weiss seconded, and the motion was approved. Klein will follow up with webcasting and video recording quotes, as well as a quote to have FASS handle registration. White will contact Gavin LaRowe with ChalkLabs to see about handling registration through the NANP website.

Applegate questioned if the Summit would be open to a public invite, or if attendees would be personally invited. After some discussion, the Committee decided to invite a specific list of people from commodity groups and government leaders, with the invitations being sent out in early January, 2015. The original group of attendees must RSVP by early February, and any additional space at the Summit will then be opened to the public. Committee members are encouraged to send Summit attendee suggestions to White as soon as possible.

**5. Follow-up of Previous Action Items:**

- a. *Charlotte Kirk Baer will work with Gavin LaRowe of ChalkLabs concerning source codes with the NANP website.* Kirk Baer noted she is still working with LaRowe on the source codes.
- b. *Jack Odle and Charlotte Kirk Baer will continue work with ChalkLabs on the Global Animal Nutrition Network. Work to be completed includes reviewing the Statement of Work, presenting a quote to the Committee, and obtaining reliable and consistent information sources.* Kirk Baer reported a conference call will be scheduled to continue work on the Global Animal Nutrition Network.
- c. *Robin White will follow through on suggested changes to the Resources tab on the NANP website.* White reported the discussed changes were made on the website, effective November 19, 2014.
- d. *Robin White and Huyen Tran will work with ChalkLabs to include a tab for Committee members on the NANP website.* White noted that LaRowe suggested setting up a shared folder on the website that all Committee members can gain access to through a personal login.
- e. *Phil Miller and Kasey Klein will procure the NANP booth at the International Processing and Production Expo held January 27-29, 2015 in Atlanta, GA.* Klein reported that she is working with the IPPE and University of Kentucky to reserve booth space and remit invoice payment. The next step will be to furnish the booth.
- f. *Gary Cromwell will work with ASAS to secure the NANP booth at the Joint Annual Meeting held July 13-15, 2015 in Orlando, FL.* Cromwell noted that he has spoken with ASAS, and the NANP will have a booth at the 2015 JAM.

- 6. Adjournment:** The meeting was adjourned at 2:55 pm EST. The next meeting of the Coordinating Committee will be a conference call on Thursday, December 18, 2014 at 2:00 pm EST.

### **ACTION ITEMS**

- Robin White will distribute information highlighting the long term effects of improving the availability and accessibility of the NRC website for Coordinating Committee review before submitting the document to NRC.
- All Committee members are encouraged to provide feedback to Robin White concerning the Spring Summit advertising brochures.
- Robin White and Kasey Klein will follow-up with quotes concerning catering, audio/visual needs, and the registration process for the Spring Summit.
- All Committee members should send Summit attendee suggestions to Robin White as soon as possible.

**Minutes of the Coordinating Committee  
National Animal Nutrition Program – NRSP-9  
Conference Call – December 18, 2014  
2:00 pm EST**

- 1. Call to Order:** Substitute Chair Don Beitz called the December 18, 2014 meeting of the Coordinating Committee of the National Animal Nutrition Program to order at 2:00 pm EST with Bill Weiss, Mark Hanigan, Jack Odle, Mike Galyean, Austin Lewis (NRC), Charlotte Kirk Baer (USDA), Robin White, and Kasey Klein in attendance.
- 2. Minutes of the Previous Meeting:** Minutes of the November 20, 2014 meeting of the Committee were reviewed. Weiss moved to approve the minutes as written, Galyean seconded, and the minutes were approved by a voice vote.
- 3. Brief Comments and Updates:**
  - a. *Administrative Advisors:* No Advisors were present, and thus no report was available. Kirk Baer mentioned the NRSP-9 Renewal Proposal is still under review.
  - b. *NRC:* Galyean reported that the Beef NRC is ready for review and should be sent to reviewers on Friday, December 19, 2014. Weiss reported that the NRC Dairy committee is diligently working on their assignments prior to the March 2015 meeting. Weiss also noted the committee has met with Phillip Miller and Huyen Tran concerning database information and will be working closely with the Feed Composition committee.
  - c. *NIFA:* Kirk Baer reported on the passage of the federal budget that provides funding for NIFA through fiscal year 2015. She noted increases in allotments to discretionary funds and AFRI. Galyean questioned whether the increase in AFRI funding will help alleviate the

- backlog created by former commitments to very large multi-year grants. Kirk Baer stated that it will still take a year or two for that issue to be completely resolved.
- d. Feed Composition Committee:* Klein reported on the topics discussed at the Feed Composition committee meeting held November 21, 2014. Topics of discussion included NRSP-9 website updates, NANP presence at the IPPE expo in Atlanta, GA, the NANP database, and feed analysis and classification.
  - e. Modeling Committee:* Hanigan reported that the committee continues to work on their objectives and is planning a meeting in Phoenix, AZ on February 3, 2015 to map out a committee strategy for the future. Hanigan also noted he and White were still working on hardware conversions of the Beltsville Agricultural Research Center data, but progress has been made. Once the data are accessible, White will begin transferring the data to the NRSP-9 website.
- 4. Spring Summit:** Klein reported that the Summit planning is moving forward. A contract has been signed with the National Press Club, and work continues with an event manager concerning room setup, catering, and AV needs. All Committee members received an email listing potential guests and should send any additional names to Klein. Kirk Baer suggested Beitz and Odle work together to ensure adequate representation from the human nutrition sector. Beitz, Hanigan, and White will begin narrowing down the list to 200 invitees.
  - 5. Global Animal Nutrition Network:** Kirk Baer and Odle reported on their conference call with Gavin LaRowe of ChalkLabs. Progress on the Network is ongoing, but several issues still remain concerning the best way to approach network population.
  - 6. NANP Website:** White noted prior suggested changes to the Resources Tab have been implemented to make the website more user-friendly. White also followed up on a previous request to develop a secure folder for Committee access only to post meeting minutes and other administrative documents. The folder has been developed, and White will contact Committee members requesting their preferred email sign-in information.
  - 7. Miscellaneous Items:**
    - a. Cross Species Platform for NRC models:* Hanigan updated the Committee on the status of creating a cross species platform for NRC models. He explained the main advantages included the efficiency of maintaining a single software platform in the future and the benefits afforded to teachers and students who can focus on nutritional concepts of a chosen species, instead of software training for multiple platforms. He noted that the Modeling committee has created a white paper and is working with Robin Schoen (NRC) on this process, but wanted to confirm the Committee's approval before moving forward. Weiss stated the platform would greatly increase the efficiency of the NRC system, and he supports the project.

Hanigan noted that he provided bullet points from the white paper to Schoen to use internally at NRC to help justify the idea to the National Academies Press (NAP) since NAP owns rights to the models and platforms. He also mentioned that financial support for developing the common platform would need to be secured. Hanigan indicated that costs could

potentially reach \$100,000 but no firm numbers had been solicited. Kirk Baer suggested that it might be beneficial to involve the full Coordinating Committee as well as the National Academies Press in the conversation about a common platform, potentially in a setting with the NRC Dairy committee. Lewis agreed that it would be a great idea to involve the NAP in conversations with the larger group and suggested that the discussion could be held during the NRC Dairy committee meeting in March 2015. The Committee agreed to support the development of a cross species platform, and that a meeting including Coordinating Committee leadership and NAP during the upcoming NRC Dairy committee meeting should be pursued.

- b. *Global Effects of Improving Feed Efficiency by Using NRC Nutrient Requirement Recommendations and Associated Technologies:* Hanigan reported on a document created by White to explain the potential to improve global food sufficiency through the use of nutrient requirement technologies. Kirk Baer noted the document depended on best case scenarios and suggested the creation of a more modest version. Galyean stated he had similar concerns and suggested the document could include a visual chart demonstrating a range of adoption rates and text that explains potential barriers to 100 percent adoption of the technologies. Kirk Baer agreed that while technically feasible, the social factors (i.e. adoption of technologies) should be given more attention in the text, since those are often challenges that must be overcome to enable technologic success.
- Hanigan stated the document initially was developed in response to a request from Schoen to use in soliciting funding from organizations such as the Gates Foundation to support the NRC's nutrient requirement program. Kirk Baer reminded the Committee that there is a clear expectation from the Land-grant supporters of NRSP that it will secure matching funds (excluding in-kind support), so any fund-raising efforts should be conducted strategically and with the involvement of the NRSP chair and agency leadership to ensure that the NRSP and NRC are both benefitting. Odle agreed and suggested that any meeting with a potential funder about support of work that the NRSP will conduct, that the NRSP and NRC should be at the table together. Kirk Baer stated that a preamble explaining the roles and benefits to both the NRC and NRSP-9 would be useful. White agreed to revise the document and will send a revised copy to the Coordinating Committee for review.
- c. *NANP Website Coordinator:* Hanigan proposed the need for a Coordinating Committee member to be the official chair of NANP website changes. He noted this would be helpful if White or Tran wanted an outside opinion on suggested changes. No Committee members volunteered, but it was suggested that Gary Cromwell ask Todd Applegate if he is interested in being the Website Coordinator.
- d. *NANP Website Source Codes:* Kirk Baer responded to a question from Hanigan about the website source codes, reporting that Gavin LaRowe of ChalkLabs has sent the requested codes to Cromwell.

## **8. Follow-up of Previous Action Items:**



a. *All Committee members are encouraged to provide feedback to Robin White concerning the Spring Summit advertising brochures.* White noted feedback was received only from Kirk Baer, and reminded all Committee members to review the advertising brochures. Any additional feedback should be addressed to White.

**9. New Business:** Kirk Baer noted she is the agency's representative on an FAO effort regarding feed safety and feed data-something to which the NANP may be able to contribute. She will share the project description with the Feed Composition and Coordinating Committees to determine what, if any, role the NANP could play, given that there is the potential for funding and sharing expertise.

**10. Adjournment:** The meeting was adjourned at 3:15 pm EST.

### **ACTION ITEMS**

- All Committee members are encouraged to send additional Spring Summit guest suggestions to Kasey Klein as soon as possible. Don Beitz and Jack Odle agreed to send guest lists including human nutrition representatives.
- Don Beitz, Mark Hanigan, and Robin White will begin narrowing down the Spring Summit invitation list to 200 guests.
- Robin White will contact Committee members requesting their preferred email sign-in information for the secure folder on the NANP website.
- Mark Hanigan will pursue a meeting of NAP and NANP leadership in conjunction with the NRC Dairy committee meeting in March, 2015 concerning the development of a cross species platform for NRC models.
- Robin White will revise the document concerning feed efficiency and will send a copy to the Coordinating Committee for review.
- Gary Cromwell will ask Todd Applegate if he is interested in being the NANP Website Coordinator.

**Minutes of the Coordinating Committee  
National Animal Nutrition Program – NRSP-9  
Conference Call – January 29, 2015  
2:00 pm EST**

**1. Call to Order:** Chair Gary Cromwell called the January 29, 2015 meeting of the Coordinating Committee of the National Animal Nutrition Program to order at 2:00 pm EST with Don Beitz, Mary

Beth Hall, Bill Weiss, Mark Hanigan, Jack Odle, Mike Galyean, Austin Lewis (NRC), Robin White, and Kasey Klein in attendance.

2. **Minutes of the Previous Meeting:** Minutes of the December 18, 2014 meeting of the Committee were reviewed. Weiss moved to approve the minutes as written, Beitz seconded, and the minutes were approved by a voice vote.
3. **Brief Comments and Updates:**
  - a. *Administrative Advisors:* No Advisors were present, but Cromwell reported on behalf of Charlotte Kirk Baer that Administrative Advisor Bret Hess does not expect feedback on the NRSP-9 Renewal Proposal until late February 2015.
  - b. *NRC:* Lewis reported that the Beef NRC has been sent out, and the deadline for reviews has been extended until January 30, 2015. Hall questioned how many reviewers were looking at the document. Galyean reported there were 12 people reviewing the Beef NRC, and the NRC Beef committee members are already working on revisions. Lewis and Weiss reported that the NRC Dairy committee recently held a conference call and is planning a meeting in March 2015. Weiss also noted that Dr. Jim Drackley has been selected as a replacement NRC Dairy committee member.
  - c. *NIFA:* Kirk Baer was not present, and thus no report was available.
  - d. *Feed Composition Committee:* Phillip Miller was not present, but Cromwell reported that Huyen Tran is currently at the IPPEXpo in Atlanta, GA. According to Tran, the NANP booth location is not ideal, but she has made several good contacts. Cromwell also noted that the Feed Composition committee is planning a conference call at the end of February.
  - e. *Modeling Committee:* Hanigan reported the committee is continuing to make progress, and will be meeting February 3 in Phoenix, AZ. Hanigan also noted White completed the reconstruction of all codes for the Dairy NRC model.
4. **Spring Summit:** Beitz reported that the Summit planning is moving forward successfully. All speakers and the location are confirmed and invitations and event brochures are being sent out. Beitz noted all Committee members will need to assist with activities at the Summit. White reviewed a list of duties that will need completed, including panel moderators and recorders for roundtable discussions, and received agreement from Committee members assigned to those specific tasks. White will upload a document outlining Committee assignments to the secure folder on the NANP website. After Committee discussion, Cromwell noted that the Coordinating Committee members should plan to be in Washington D.C. from Tuesday, March 24 at 12:00 pm EST until Thursday, March 26 at 12:00 pm EST for Committee meetings and the Spring Summit. Beitz then led discussion about the intended final output of the Summit. He noted a previous idea of putting together a publication summarizing the research priorities garnered from panel and roundtable discussions. Cromwell suggested publishing a four page document highlighting the Summit, and Odle mentioned publishing a meeting summary in appropriate association journals. White noted that all speakers will be asked to provide a one-page summary abstract. Committee members agreed that the abstracts will be beneficial in putting together a summary. Summit discussion wrapped up with Cromwell noting the need for more guest suggestions. Following Cromwell's proposal, it was agreed that the NANP subcommittee members should be invited as well. Any Committee member with

additional suggestions should email Beitz or White. Klein reported 100 congressional staffers have been invited, and so far five have committed to attending the Summit. Klein will send a Summit invitation to all Committee members to register for the event. Hanigan also mentioned sending a press release to Feedstuffs magazine promoting the Summit.

5. **Global Animal Nutrition Network:** Odle reported on drafting a Statement of Work with ChalkLabs, and noted the biggest issue is still Network population. Odle listed a few of the disadvantages concerning population, including not all organizations share their membership lists, obtaining Scopus information is expensive, and PubMed does not include enough agricultural contacts for the Network. Cromwell reported that Kirk Baer mentioned the USDA National Agricultural Library just released PubAg. Kirk Baer is investigating the possibility of ChalkLabs using the new PubAg information to populate the Network.
6. **Website Updates:** White reported two additional animal performance data sets have been uploaded to the website in the last month.
7. **Miscellaneous Items:** Cromwell noted Tran will have an abstract to present at JAM 2015. White also mentioned she is working on items to present as well.
8. **Follow-up of Previous Action Items:**
  - a. *White will contact Committee members requesting their preferred email sign-in information for the secure folder on the NANP website.* Invitations were sent out for Committee members to join the folder. White will resend the email to all Committee members, who are encouraged to set up an account and view posted documents.
  - b. *Hanigan will pursue a meeting of NAP and NANP leadership in conjunction with the NRC Dairy committee meeting in March 2015 concerning the development of a cross species platform for NRC models.* Hanigan noted discussions with Robin Schoen (NRC) resulted in Schoen committing between \$20,000 and \$30,000 to redo the dairy software. Hanigan noted the need to find a programmer to perform the dairy software work and obtain an estimate for the job.
  - c. *White will revise the document concerning feed efficiency and will send a copy to the Coordinating Committee for review.* White reported the document was sent out, and she received great feedback from the Committee. She will send out the revised document for final Committee approval. Hanigan noted that once the document is approved, the Committee needs to agree on a process to use when soliciting funding with the document.
  - d. *Cromwell will ask Todd Applegate if he is interested in being the NANP Website Coordinator.* Cromwell reported Applegate agreed to serve as the NANP Website Coordinator. Cromwell will notify Gavin LaRowe of ChalkLabs of the appointment.
9. **Adjournment:** The meeting was adjourned at 3:00 pm EST. A poll will be created to determine the date of the next NANP Coordinating Committee meeting.

## **ACTION ITEMS**

- Coordinating Committee members should plan to be in Washington D.C. from Tuesday, March 24 at 12:00 pm EST until Thursday, March 26 at 12:00 pm EST for Committee meetings and the Spring Summit.
- Coordinating Committee members with Spring Summit guest suggestions should email Don Beitz or Robin White as soon as possible.
- Spring Summit subcommittee members will send a press release to Feedstuffs magazine promoting the event.
- At the conclusion of the Spring Summit, Coordinating Committee members will publish a four page document highlighting the Summit, as well as create a meeting summary to publish in appropriate association journals.
- Charlotte Kirk Baer will investigate the possibility of ChalkLabs using the new PubAg information to populate the Global Animal Nutrition Network.
- Robin White will send out the revised feed efficiency document for final Committee approval. Once the document is approved, the Committee will decide on a process to use when soliciting funding with the document.

**Minutes of the Coordinating Committee  
National Animal Nutrition Program – NRSP-9  
Conference Call – February 18, 2015  
10:00 am EST**

**Call to Order:** Chair Gary Cromwell called the February 18, 2015 meeting of the Coordinating Committee of the National Animal Nutrition Program to order at 10:00 am EST with Don Beitz, Phillip Miller, Bill Weiss, Mark Hanigan, Jack Odle, Charlotte Kirk Baer (USDA), Robin White, and Kasey Klein in attendance.

**10. Minutes of the Previous Meeting:** Minutes of the January 29, 2015 meeting of the Committee were reviewed. Beitz moved to approve the minutes as written, Weiss seconded, and the minutes were approved by a voice vote.

**11. Brief Comments and Updates:**

- a. *Administrative Advisors:* No advisors were present, and thus no report was given.
- b. *NRC:* Austin Lewis (NRC) was not present, and thus no report was given.
- c. *NIFA:* Kirk Baer reported the Agriculture and Food Research Initiative (AFRI) information should be available soon to the public.
- d. *Feed Composition Committee:* Miller reported the committee is continuing to procure amino acid data, and has contacted Evonik, Ajinomoto Heartland, and the University of Missouri

chemical lab to aid in this project. Miller also noted Huyen Tran had a positive experience representing the NANP at the IPPEXpo in Atlanta, GA. Tran noted the exhibit booth location was not ideal but she was still able to make several contacts, and has sent thank you notes to everyone who expressed interest in the NANP. Miller also reported Tran is working with the computer science department at the University of Nebraska to develop an algorithm that will assist her in processing feed ingredient databases.

- e. *Modeling Committee:* Hanigan reported on the Modeling committee meeting recently held in Phoenix, AZ. Hanigan noted the committee held a productive meeting and spent time reviewing committee objectives. One topic of discussion was figuring out how to get people to visit the NANP website. The committee suggested targeting graduate students at upcoming national meetings to direct them to the NANP website, scientific posters, etc. White summarized these suggestions, and sent the meeting minutes to the Coordinating Committee. Odle questioned the future of the NANP website after the conclusion of the NRSP-9. Odle and Hanigan agreed the website is too valuable to let it lapse, and expressed hope that Todd Applegate, the newly appointed website coordinator, could work to secure a future plan for the website. Hanigan also reported he will follow up on a previous action item by contacting Robin Schoen (NRC) to set up a meeting between NAP and NANP.

**12. Spring Summit:** Beitz reported the Summit planning committee has sent out over 700 invitations. Beitz encouraged the Committee to review the invitation list and notify himself or White of any additional guest suggestions. Beitz noted reminder emails will be going out soon. White reported she has been in contact with the Summit speakers to obtain preliminary outlines of their talks. She also noted the afternoon speakers are working to schedule a conference call to ensure their presentations complement one another. White has drafted a press release to send to several media outlets, including Feedstuffs magazine and numerous professional organizations. She will also post an outline of the assigned Summit duties to the NANP Administrative folder. Hanigan mentioned he informed the Modeling committee that the NANP would cover their expenses to attend the Summit. Miller noted he will contact the Feed Composition committee as well. Kirk Baer asked Cromwell about the allowable costs for the Summit budget. Cromwell reported that all expected expenses are considered allowable, including meals as long as they are justified for the continuation of the meeting. Upon Odle's request, the Committee discussed inviting NANP subcommittee members to attend the pre and post-Summit meetings. It was decided to not invite the subcommittee members to the additional meetings.

**13. Global Animal Nutrition Network:** Kirk Baer reported on the release of PubAg from the USDA National Ag Library. She has scheduled a meeting to inquire about NANP accessing this information to populate the Network. Odle noted they will complete a Statement of Work with budget figures to present to the Committee once an agreement has been reached concerning PubAg. Odle also mentioned PubAg and PubMed are free databases open to the public, therefore the cost of ChalkLabs to set up the Network will be the only major cost associated with the project.

**14. Website Updates:** White reported Tran was instrumental in getting the Spring Summit banner and registration link posted to the front page of the NANP website.

**15. Miscellaneous Items:** No miscellaneous items were brought to the Committee's attention.

**16. Action Item Updates from January 29, 2015 meeting:**

- a. *Spring Summit subcommittee members will send a press release to Feedstuffs magazine promoting the event.* White drafted a press release and will send it to several media outlets shortly.
- b. *Charlotte Kirk Baer will investigate the possibility of ChalkLabs using the new PubAg information to populate the Global Animal Nutrition Network.* Kirk Baer has set up a meeting with the USDA National Ag Library to discuss NANP access to PubAg.
- c. *Robin White will send out the revised feed efficiency document for final Committee approval. Once the document is approved, the Committee will decide on a process to use when soliciting funding with the document.* White received Committee feedback and discussed the document with the NANP Modeling committee as well. She considered all questions and concerns, and has since revised the document again. A final updated version was sent to the Committee on February 17, 2015. Committee members are to email final approval or additional comments to White.

**17. Adjournment:** The meeting was adjourned at 11:10 am EST. A poll will be created to determine the date of the next NANP Coordinating Committee meeting.

**ACTION ITEMS**

- Todd Applegate will work with the Committee to determine a way to secure the future of the NANP website after the conclusion of the NRSP-9.
- All Committee members are to contact Don Beitz or Robin White of any additional Spring Summit guest suggestions.
- The Spring Summit subcommittee will continue to invite guests to the Summit, and will begin sending reminder emails to previously invited guests.
- Charlotte Kirk Baer and Jack Odle will schedule a meeting with the USDA National Ag Library to determine NANP access to PubAg information for the Global Animal Nutrition Network. After the meeting a Statement of Work will be presented to the Committee.

**Minutes of the Coordinating Committee  
National Animal Nutrition Program – NRSP-9  
Conference Call – March 12, 2015  
10:00 am EDT**

- 1. Call to Order:** Chair Gary Cromwell called the March 12, 2015 meeting of the Coordinating Committee of the National Animal Nutrition Program to order at 10:00 am EDT with Mike Galyean, Mark Hanigan, Jack Odle, Austin Lewis (NRC), Charlotte Kirk Baer (USDA), Robin White, and Kasey Klein in attendance.

- 2. Minutes of the Previous Meeting:** Minutes of the February 18, 2015 meeting of the Committee were reviewed. Odle moved to approve the minutes as written, Hanigan seconded, and the minutes were approved by a voice vote.
- 3. Spring Summit:** Klein reported there are 64 registered attendees for the Spring Summit, and a reminder email will be sent to the list of suggested guests. Klein also noted progress is being made concerning logistical planning at the National Press Club; including room set up, menu planning, and audio/visual needs. Klein will research and compare the cost of live webcasting the Summit versus recording and posting the presentations on the website, and report back to the Committee. White noted a few of the afternoon speakers held a conference call to ensure their presentations are complementary and not overlapping. White has also spoken with Dr. Saviani, who will put his presentation together throughout the day to make sure his capstone address highlights all presentations given during the Summit. She noted press releases were sent to several associations, and she did receive several requests for invitations in response. White reviewed committee member tasks for the Summit, and will follow up with everyone individually to confirm their assignments.
- 4. Global Animal Nutrition Network:** Cromwell reported receiving a Statement of Work from Gavin LaRowe at ChalkLabs concerning the Network. Kirk Baer reported she and LaRowe have discussed using PubMed and PubAg data sources for the initial population of the Network platform. Kirk Baer noted additional data sources can be included in the future, but these two would be extremely useful to start the network, as LaRowe currently has access to them. LaRowe also indicated the initial population could be completed by the NRSP-9 fiscal deadline of September 1, 2015. Kirk Baer and Odle will review the Statement of Work and send a revised copy to the Coordinating Committee for review. Once approved, Kirk Baer noted the Committee will be responsible for some aspects of the Network, including learning how to use the Network, providing feedback, and being responsive to inquiries from ChalkLabs concerning the Network.
- 5. Agenda Items for Pre- and Post-Summit On-Site Meeting:** Cromwell reminded the Committee of the pre-Summit Coordinating Committee meeting on Tuesday, March 24, 2015. The meeting will be held at the NIFA Waterfront Centre from 1:00 – 5:00 pm. Hanigan noted the Committee will review the Summit agenda to ensure moderators are prepared, as well as discuss presentation topics to develop talking points and approach ways to stimulate discussion during the Summit. Cromwell also reminded the Committee of the post-Summit Coordinating Committee meeting on Thursday, March 26, 2015. The meeting will also be held at the NIFA Waterfront Centre from 8:00 am – 12:00 pm. Hanigan mentioned the open invitation to Robin Schoen (NRC) to meet with the Committee to discuss the development of a cross species platform for NRC models. Any other discussion items should be directed to Cromwell for inclusion into the agenda. Klein will send an on-site meeting schedule to the Coordinating Committee and Subcommittee members attending the Summit to specify items such as meeting times, places, and other pertinent information.

**6. Miscellaneous Items:**

- a. Odle reported receiving the “Critical Role of Animal Science Research in Food Security and Sustainability” report from the National Academies. Odle questioned if the contents of the report could be relevant to Summit discussions. Kirk Baer and Hanigan agreed the report would be complementary to Summit topics. White noted we could invite a speaker to give a summary of the report during the lunch break. Kirk Baer will schedule a speaker to give a brief summary of the report during the Summit.
  - b. Cromwell reported on the progress of the NRSP-9 Renewal Proposal. The review process was delayed due to the person in charge being on maternity leave, but she has since returned to work, and has been in contact with Cromwell concerning attachments to the Renewal Proposal. Kirk Baer noted the peer reviews are due at the end of March, and expects the Committee will receive the reviews and begin Proposal revisions sometime in April.
  - c. Hanigan reminded the Committee the need for a discussion concerning white papers, and their value when securing funding from Industry contacts. Hanigan would like to develop a strategy for all Committee members to use when seeking funding. Cromwell noted we can add this discussion item to the Washington D.C. on-site meeting agenda.
7. **Adjournment:** The meeting was adjourned at 11:15 am EDT. The next meeting of the NANP Coordinating Committee will be held Tuesday, March 24 from 1:00 pm – 5:00 pm EDT at the NIFA Waterfront Centre, and Thursday, March 26 from 8:00 am – 12:00 pm EDT. The NANP Spring Summit will be Wednesday, March 25, 2015 at the National Press Club, Washington D.C. from 8:00 am – 4:30 pm EDT.

### **ACTION ITEMS**

- Robin White will follow up with each Committee member individually to confirm their assignments at the Spring Summit.
- Charlotte Kirk Baer and Jack Odle will review the Global Animal Nutrition Network Statement of Work and send a revised copy to the Coordinating Committee for review.
- Kasey Klein will send an on-site meeting schedule to the Coordinating Committee and Subcommittee members attending the Summit to specify items such as meeting times, places, and other pertinent information.
- Charlotte Kirk Baer will schedule a speaker to give a brief summary of the “Critical Role of Animal Science Research in Food Security and Sustainability” report during the Summit.

**Minutes of the Coordinating Committee  
National Animal Nutrition Program – NRSP-9  
Tuesday, March 24, 2015, 1:00 pm EDT  
Waterfront Centre – Room 3220  
800 9<sup>th</sup> Street SW, Washington DC**

1. **Call to Order:** Chair Gary Cromwell called the March 24, 2015 meeting of the Coordinating Committee of the National Animal Nutrition Program to order at 1:00 pm EDT with Don Beitz,



Phillip Miller, Bill Weiss, Mark Hanigan, Jack Odle, Todd Applegate, Mary Beth Hall, Austin Lewis (NRC), Charlotte Kirk Baer (USDA), Ermias Kebreab (NANP Modeling Committee), John McNamara (NANP Modeling Committee), Robin White, and Kasey Klein in attendance.

2. **Minutes of the Previous Meeting:** Minutes of the March 12, 2015 meeting of the Committee were reviewed. Beitz moved to approve the minutes as written, Weiss seconded, and the minutes were approved by a voice vote.
3. **Spring Summit:** Discussion began with a review of the Summit agenda and Committee member responsibilities while at the event. The Committee discussed the best way to distribute attendees and speakers throughout the room to ensure good conversation during the roundtable discussions. The projected outcome of the Summit was mentioned, but will be discussed in greater detail at the Committee meeting on Thursday, March 26, 2015. Summit attendees will receive a survey after the meeting to provide input on the event. Attendees will also receive a link to the posted presentations on the NANP website, and will be encouraged to provide feedback in the Participation Forum.
4. **Miscellaneous Items:**
  - a. *NANP Budget:* Cromwell reported on the current state of the NANP budget. The Committee discussed potential undertakings that could be addressed before the end of the NRSP-9 fiscal year. Miller noted a possible expenditure included an on-site Feed Composition committee meeting. Hall questioned if there were any publications our Committee could produce showcasing what the NANP has to offer. Weiss suggested hiring a few students to assist with data entry for the Dairy NRC feed composition database.
  - b. *Website Update:* White reported on a few issues with the NANP website, including decreased speed in the animal performance areas of the site and certain visualizations not appearing correctly. Miller reported Huyen Tran has noticed the same issues with the feed composition pages of the website. White will contact Gavin LaRowe of ChalkLabs to discuss these items. Applegate will also contact LaRowe to discuss the status of previous contracts and outstanding invoices.
  - c. *Global Animal Nutrition Network:* Odle reported Pushgraph is the software ChalkLabs will use to create the Network. The NANP will pay a licensing fee, but will not own the software. The Network will be terminated if the NANP fails to renew the annual agreement. If the NANP chooses to renew the annual agreement, there will be a maintenance fee for upkeep. The current proposal includes an annual extracting of PubMed and PubAg data used to populate the Network. Odle will contact LaRowe to price increased data gathering.
  - d. *NANP Box.com Account:* Committee members were encouraged by White and Klein to continue the use of the box.com website as a place to archive NANP documents.
  - e. *Modeling Committee:* Hanigan provided an update on the delay with the Beltsville Agricultural Research Center data. Kirk Baer will work with Steve Smith (USDA) in an attempt to expedite the retrieval process. Hanigan also noted Robin Schoen (NRC) will be attending our meeting on Thursday to discuss the cross-species platform being suggested by NANP.
5. **Adjournment:** The meeting adjourned at 4:45 pm EDT, and will reconvene on Thursday, March 26, 2015 at 8:00 am EDT.

**Thursday, March 26, 2015, 8:00 am EDT**  
**Waterfront Centre – Room 1341**  
**800 9<sup>th</sup> Street SW, Washington DC**

1. **Call to Order:** Chair Gary Cromwell called the March 26, 2015 meeting of the Coordinating Committee of the National Animal Nutrition Program to order at 8:00 am EDT with Don Beitz, Phillip Miller, Bill Weiss, Mark Hanigan, Jack Odle, Todd Applegate, Mary Beth Hall, Austin Lewis (NRC), Charlotte Kirk Baer (USDA), Alexander Hristov (NANP Feed Composition Committee), Robin White, and Kasey Klein in attendance.
2. **Spring Summit Follow-up:** Cromwell began by thanking the Committee for their great work on the Summit. All Committee members received a list of Summit attendees, and began discussion on proper follow-up with attendees as well as desired results of the Summit. Suggestions for Summit follow-up included: upload video presentations and power point slides to the NANP website, upload presentations to university learning centers, send an email to all invited guests showcasing the presentation recordings, include a one-page summary from each speaker with the presentations, send out press releases to the professional societies highlighting the information available on the NANP website, and strive to get a summary document published in a scientific journal.

Kirk Baer suggested hiring a transcriber and scientific writer to view the video and create a summary. It was suggested by Hanigan to begin the Summit follow-up with a peer reviewed article, then use the scientifically reviewed article to educate professional societies, CAST, commodity groups, and other interested organizations.

Weiss moved to hire a transcriber and scientific writer to view the Summit recordings. Hall seconded, Beitz called for question, and the motion carried. Kirk Baer and Lewis will inform the Summit committee of recommended individuals. Beitz, Hanigan, and White will review the list of suggestions and begin contacting scientific writers and transcribers immediately. It was also noted that the scientific writer can prepare a summary brochure, but the Committee will wait to release the brochure until after publication.

3. **Interaction with NRC:** Robin Schoen (NRC) joined the meeting to continue discussion of the development of a cross species platform. Schoen is interested in pursuing this option with the NANP. Prior to continuation of the project, the Committee is looking for assurance from Schoen that NRC and BANR will accept a new interface if developed by the NANP Committee.

Miller made a motion to move forward with a cross species template as Hanigan works with the Dairy NRC modeling effort. Beitz seconded. Hanigan clarified that the Committee is still exploring the opportunities and costs associated with this effort, and the motion carried. Hanigan will create a proposal for the creation of an interface. Once bids are received and reviewed, the Committee will determine the future of the project.

4. **Miscellaneous:**
  - a. *Publication Authorship:* The current authorship policy was discussed, and the Committee agreed to list the Committee members and funding sources in the footnote of an NANP associated paper, unless names need to be excluded due to space restrictions. Any exclusions will be brought to the Committee for approval prior to publication.
  - b. *Website Update:* Hanigan noted the need to create a “past committee members” section on the NANP website to recognize individuals that have contributed to NRSP-9 prior to being rotated off the committees.

- c. *Quorum*: Weiss moved to determine quorum of the NANP Coordinating Committee as half of the Committee membership plus one member. Hall seconded, and the motion carried.
5. **Adjournment**: The meeting adjourned at 11:45 am EDT. The next meeting of the NANP Coordinating Committee will be a conference call on April 28, 2015 at 10:00 am EDT. The Coordinating Committee will also meet in Washington D.C. on August 4, 2015 from 8:00 am – 5:00 pm EDT and on August 5, 2015 from 8:00 am – 12:00 pm EDT.

### **ACTION ITEMS**

- The Summit committee will create a survey and send to attendees to gather input on the event.
- Robin White will contact Gavin LaRowe of ChalkLabs to discuss the current website issues.
- Todd Applegate will contact Gavin LaRowe of ChalkLabs to discuss the status of previous contracts and outstanding invoices.
- Jack Odle will contact Gavin LaRowe of ChalkLabs to price an increased frequency of data extracting from PubMed and PubAg databases to populate the Global Animal Nutrition Network.
- Charlotte Kirk Baer will work with Steve Smith in an attempt to expedite the retrieval process of the Beltsville Agricultural Research Center data.
- Charlotte Kirk Baer and Austin Lewis will inform the Summit committee of recommended transcribers and scientific writers. Don Beitz, Mark Hanigan, and Robin White will review the list of suggestions and begin contacting scientific writers and transcribers immediately.
- Mark Hanigan will create a proposal for the creation of a cross species platform interface and begin accepting bids for the project.

**Minutes of the Coordinating Committee  
National Animal Nutrition Program – NRSP-9  
May 14, 2015, 10:00 am EDT**

1. **Call to Order**: Chair Gary Cromwell called the May 14, 2015 meeting of the Coordinating Committee of the National Animal Nutrition Program to order at 10:00 am EDT with Don Beitz, Phillip Miller, Mark Hanigan, Jack Odle, Mike Galyean, Austin Lewis (NRC) Charlotte Kirk Baer (USDA), Robin White, and Kasey Klein in attendance.
2. **Minutes of the Previous Meeting**: Minutes of the March 24-26, 2015 meeting of the Committee were reviewed. Beitz moved to approve the minutes as written, Miller seconded, and the minutes were approved by a voice vote.
3. **Brief Comments and Updates**:
  - a. *Administrative Advisors*: No advisors were present, and thus no report was given.
  - b. *NRC*: Lewis reported the Beef NRC committee recently sent responses for review back to the project coordinator, and he expects the Beef NRC report to be completed and released before

year-end. Lewis also reported no updates on the Dairy NRC committee. Galyean noted the Beef NRC committee is fully supportive of the request from the Dairy NRC committee to have an advanced copy of the Beef NRC report, but was unsure if any action had been taken to facilitate this.

Lewis also noted the National Academies currently consists of the National Academies of Sciences, the National Academies of Engineering, the Institute of Medicine, and the NRC. As of July 1, 2015 the Institute of Medicine will become the National Academies of Medicine; and the group will further be known as the National Academies of Sciences, Engineering, and Medicine. The term NRC will no longer exist.

- c. *NIFA*: Kirk Baer reported on the positive feedback she has received from members of federal government and Dr. Catherine Woteki concerning the Spring Summit.
  - d. *Modeling Committee*: Hanigan reported the Beltsville Agricultural Research Center data has been located and retrieved. White is working to ensure labels are correct on all data fields and will continue to upload information to NANP databases. Hanigan noted the Modeling committee proposed hosting a Meet the Expert event at the NANP exhibit booth at the upcoming ADSA/ASAS Joint Annual Meeting (JAM). The goal of this event will be to drive graduate student interaction and increase their awareness of the NANP. Hanigan also stated the Mixed Models Workshop at JAM would be a great place to promote the NANP website. Hanigan will work with Ermias Kebreab to explore promotion opportunities and report back to Committee.
  - e. *Feed Composition Committee*: Miller reported the committee's beef ingredient database is complete, and will be uploaded to the NANP website once the Beef NRC report is released. Miller also reported Huyen Tran is working on the first installment of data concerning the Dairy NRC. Tran has also initiated working with Dr. Adam Caprez with the Holland Computing Center at the University of Nebraska-Lincoln concerning statistical codes for multivariate analysis. A contract has been signed outlining Dr. Caprez's time to be contributed toward this project through August 31, 2015. Miller also noted the Feed Composition committee will hold a conference call on May 28, 2015 at 2:00 pm EDT and will discuss hosting a fall on-site meeting.
4. **NANP Website Update**: White reported no new data has been uploaded and the ability to track usage statistics on the website is now available. White noted constant growth from both domestic and international users. Tran compiled a list of items that are available for download from the website, and will begin to track the number of downloads as well. White will schedule a conference call with Modeling and Feed Composition committee chairs and post-docs to create and prioritize a list of necessary website updates to be completed prior to upcoming summer conferences.
  5. **ChalkLabs Account Update**: Cromwell reported there are no outstanding invoices with ChalkLabs, and any money remaining on the previous contract can be used on current website updates.
  6. **NRSP-9 Renewal Proposal**: Cromwell noted there is nothing new to report concerning the proposal.
  7. **Spring Summit**: Klein reported all accounts have been paid with National Press Club and most speakers and committee members have submitted expenses. White reported once the recorded presentations and Power-Point slides are posted to the NANP website, an email will be sent to attendees to announce the posting and will include a survey to garner feedback on the Summit. Beitz reported he will work with Transcription ETC to hire a transcriber. Beitz also noted he is working with science writer Susan Reiss to create a ten-page, reader-friendly booklet describing the key findings and recommendations of the summit. Reiss will also produce a one-page executive summary of the event, and should have both documents completed by the end of June, 2015. Beitz recommended Reiss to oversee production of the publications. Kirk Baer agreed, and Beitz suggested

raising the contract cap to accommodate for the increased work. Kirk Baer also suggested having the Summit publications produced in both English and Spanish. White noted a large Brazil following on the website, and suggested translating the publications in Portuguese as well. Beitz will follow up with Reiss on the possibility of multi-lingual publications.

- 8. Global Animal Nutrition Network:** Odle had nothing new to report on the Network, but reiterated that it will be populated periodically, not with each individual query. Kirk Baer noted a prototype of the Network will be put together with PubMed database information for the Committee to review. Kirk Baer suggested appointing a post-doc to be in charge of interaction with ChalkLabs to ensure project completion by the end of September, 2015. White volunteered to oversee the project, and will assist Gavin LaRowe in determining Network specifics. Odle offered to assist White and noted additional help can be hired if needed.
- 9. Cross-Species Platform Interface:** Hanigan reported Robin Schoen (NRC) is still working on a contract for the dairy software. Further work on developing a new interface to be used with a cross species platform is on hold until a contract concerning the software has been established. Hanigan noted the need to move quickly once Schoen has identified a programmer for the software.
- 10. Clarification of Quorum:** Cromwell suggested changing the current definition of the NANP Coordinating Committee quorum to “greater than 50% of Committee membership”. The new definition would result in five Committee members necessary to achieve quorum. Beitz moved to accept Cromwell’s change, Odle seconded, and the motion carried.
- 11. NANP Budget:** Cromwell reminded the Committee that funds are available for remaining projects before the end of the fiscal year.
- 12. Miscellaneous Items:**
  - a. On-Site Meeting:* The Coordinating Committee will meet in Washington D.C. on August 4, 2015 from 8:00 am – 5:00 pm EDT and on August 5, 2015 from 8:00 am – 12:00 pm EDT.
  - b. Summer Conference Expenses:* Cromwell recommended the NANP to cover travel expenses for members of the Coordinating, Modeling, and Feed Composition Committees to attend the upcoming ADSA/ASAS and Poultry Science Association Annual Meetings. Hanigan moved to approve this recommendation, Beitz seconded, and the motion carried. Kirk Baer noted we need to have a Justification of Meeting document on file to cover expenses.
- 13. Adjournment:** The meeting adjourned at 11:30 am EDT. The next meeting of the NANP Coordinating Committee will be a conference call on Wednesday, June 17 at 10:00 am EDT.

## **ACTION ITEMS**

- Robin White will schedule a conference call with Modeling and Feed Composition committee chairs and post-docs to create and prioritize a list of necessary NANP website updates to be completed prior to upcoming summer conferences.
- Don Beitz will work with Transcription ETC to hire a transcriber for the Spring Summit video recordings.

- Don Beitz will correspond with science writer Susan Reiss to create a ten-page booklet and one-page executive summary describing the key findings and recommendations of the Spring Summit. Beitz will also follow up with Reiss on the possibility of multi-lingual publications.
- Robin White will assist Gavin LaRowe and oversee the continued creation of the Global Animal Nutrition Network.

**Minutes of the Coordinating Committee  
National Animal Nutrition Program – NRSP-9  
June 17, 2015, 10:00 am EDT**

- 1. Call to Order:** Chair Gary Cromwell called the June 17, 2015 meeting of the Coordinating Committee of the National Animal Nutrition Program to order at 10:00 am EDT with Don Beitz, Phillip Miller, Bill Weiss, Todd Applegate, Jack Odle, Mike Galyean, Lesley Oliver (Administrative Advisor), Bret Hess (Administrative Advisor), Austin Lewis (NRC), Charlotte Kirk Baer (USDA), Robin White, and Kasey Klein in attendance.
- 2. Minutes of the Previous Meeting:** Minutes of the May 14, 2015 meeting of the Committee were reviewed. Beitz moved to approve the minutes as written, Weiss seconded, and the minutes were approved by a voice vote.
- 3. Brief Comments and Updates:**
  - Administrative Advisors:* Hess reported that the NRSP review committee recommended to approve the NRSP-9 renewal proposal and budget. The review committee also recommended that the NRSP-9 should provide a mid-term economic analysis to demonstrate program impact, strengthen outreach efforts, and strive to improve communication. The economic analysis should illustrate how the program is reaching out, how it is being utilized by the research community, and how products are influencing the industry. Hess encouraged the Committee to review other NRSP programs' analyses on the NIMSS website. Concerns from the review committee included the need for increased support in the Western region, recruitment of more junior or less-established scientists to the NRSP-9 Committees, and assurance that expansion into new animal species will not interfere with the program's core mission. Hess concluded that the recommendation for renewal will be presented as a forwarded motion and will undergo a vote during the Experiment Station Section's September meeting. The NANP will await the result of that vote. Cromwell then introduced Lesley Oliver from the University of Kentucky. Oliver will replace Nancy Cox as NRSP-9's new Administrative Advisor from the Southern Section.
  - NRC:* Lewis reported that the Dairy NRC committee is continuing their work. Applegate reported efforts to secure funding for the Poultry NRC are underway. Lewis noted the Beef NRC committee is making great progress, and reviews from the coordinator were positive. Galyean noted the Beef NRC committee anticipates the report should be ready to print by the end of the month.
  - NIFA:* Kirk Baer reminded all Committee members that Letters of Intent for the Exploratory Research grant program must be received by August 31, 2015.
  - Modeling Committee:* Mark Hanigan was not available, but White reported work concerning the cross species platform is ongoing.
  - Feed Composition Committee:* Miller reported Huyen Tran is continuing to work with Weiss and the Dairy NRC committee on the dairy ingredient database. Miller also reported the beef ingredient database is complete, and Lewis will check with Robin Schoen to ensure the

Committee has permission to upload the database as soon as possible. Miller noted Tran will eventually re-evaluate the beef database using the recently created multivariate approach. Due to changes that may be made after the multivariate approach is used and the possible inclusion of additional feeds, the database will be posted as the NANP beef ingredient database, with reference to it being used to help prepare the Beef NRC. Miller also reported on the positive feedback from Evonik concerning the Committee's use of their amino acid data.

4. **NANP Website Update:** White reported on the website update priorities that should be fixed prior to upcoming summer conferences. Website updates will include fixing page errors and broken links, creating additional links, generating downloadable feed ingredient tables, and implementing a website usage map that will showcase NANP's global reach. White also noted the need to have the website auto-translate into additional languages. Cromwell discussed the creation of a NANP Facebook page. The Committee agreed a Facebook page will be beneficial, and Klein will act as the point person for the page.
5. **Spring Summit Publications:** Beitz reported Ky Harrison has completed the transcription process. A copy of the transcription has been sent to science writer Susan Reiss, who is in the process of writing a one-page executive summary and ten-page reader-friendly booklet. Beitz will circulate these documents to the Committee for review before forwarding them to FASS to prepare and print the final documents. Cromwell reminded the Committee a quick response will be necessary when reviewing the documents if they are to be completed prior to the 2015 JAM. White added she is incorporating the Summit video recordings with the speakers' Power-point slides, and will upload the finished product to the website soon.
6. **Global Animal Nutrition Network:** Odle reported the Network is now called the Global Nutrition Expert Network, a logo has been created, and the domain name is nanp-globalnetwork.org. Network population has begun, as Gavin LaRowe (ChalkLabs) is currently scanning the PubMed database. Kirk Baer added that she is working to include PubAg and USDA database information as well. White noted she developed additional wording for the Network page, and will circulate it to the Committee in the near future for review. Odle will check with LaRowe to ensure payment has been received for work to continue on this project.
7. **JAM/PSA Exhibition Booth:** White reported that the Meet the Experts event will take place at the NANP exhibit booth at JAM. A schedule of speakers will be posted to the NANP Facebook page and promoted at the booth. Klein reported the NANP flier has been delivered to FASS for insertion into all JAM registration packets. Klein will email a booth schedule to all Committee members, who are encouraged to volunteer at the exhibit booth for a few hours as their schedule allows. Cromwell noted Tran will attend the exhibit booth at the PSA annual meeting.
8. **Pre-JAM Modeling Meeting:** Cromwell reported the NANP has committed \$4,000 to sponsor the pre-JAM modeling meeting. White noted as a thank you for the contribution we are allowed 20 minutes during the meeting to speak about the NANP. She also noted the Committee has an abstract for presentation at the meeting.
9. **On-site Meeting:** The Coordinating Committee will meet in Washington D.C. on August 4, 2015 from 8:00 am – 5:00 pm EDT and on August 5, 2015 from 8:00 am – 12:00 pm EDT. Klein reported the Committee will be staying at the Hyatt Regency Capitol and should be receiving the reservation link via email soon.

**10. Adjournment:** The meeting adjourned at 11:00 am EDT. The July meeting of the Committee was cancelled due to the JAM and PSA annual meetings. The next meeting of the NANP Coordinating Committee will be in Washington D.C. on August 4-5, 2015.

### **ACTION ITEMS**

- Austin Lewis will check with Robin Schoen to ensure the Feed Composition Committee has permission to upload the beef ingredient database to the NANP website.
- Don Beitz will circulate the Spring Summit publications to the Committee for review. All Committee members should provide a quick response to ensure the documents can be completed prior to JAM.
- Robin White is incorporating the Summit video recordings with the speakers' Power-point slides, and will upload the finished product to the NANP website upon completion.
- Jack Odle will check with Gavin LaRowe to ensure payment has been received for work to continue on the Global Nutrition Expert Network.
- Kasey Klein will email a JAM exhibit booth schedule to all Committee members, who are encouraged to volunteer at the exhibit booth for a few hours as their schedule allows.

**Minutes of the Coordinating Committee  
National Animal Nutrition Program-NRSP-9  
Waterfront Centre – Room 1341  
800 9<sup>th</sup> Street SW - Washington DC  
Tuesday, August 4, 2015**

- 1. Call to Order:** Chair Gary Cromwell called the August 4, 2015 meeting of the Coordinating Committee of the National Animal Nutrition Program to order at 8:15 am EDT with Don Beitz, Bill Weiss, Todd Applegate, Jack Odle, Mary Beth Hall, Mark Hanigan, Phil Miller, Mike Galyean, Austin Lewis (NRC), Charlotte Kirk Baer (USDA), Robin White, Huyen Tran, and Kasey Klein in attendance.
- 2. Minutes of the Previous Meeting:** Minutes of the June 17, 2015 meeting of the Committee were reviewed. Beitz moved to approve the minutes as written, Odle seconded, and the minutes were approved by a voice vote.
- 3. Brief Comments and Updates:**
  - a. *Administrative Advisors:* No Advisors were present, and thus no report was given.
  - b. *NIFA:* Kirk Baer reported that NIFA is closely watching the federal budget process as it affects USDA funding. Kirk Baer mentioned that both the House of Representatives and Senate budget proposals included an increase for USDA funding, which in turn will



- positively affect USDA-awarded grants. Kirk Baer also noted a previous discussion with Administrative Advisor Bret Hess, who commended the NANP Committee for their hard work and had several suggestions for the continuation of the NRSP-9. These specific items will be discussed later in the agenda.
- c. *NRC*: Lewis reminded the Committee that the National Academies previously consisted of the National Academies of Sciences, the National Academies of Engineering, the Institute of Medicine, and the NRC. As of July 1, 2015 the Institute of Medicine became the National Academy of Medicine; and the group is now known as the National Academies of Sciences, Engineering, and Medicine. The term NRC will be gradually phased out.
    - i. *Beef NRC*: Galyean reported that the Beef NRC committee officially completed the Beef NRC report in June, but Galyean is still working with staff to get the report ready for press. Galyean noted a draft copy of the report has been given to the Dairy NRC committee to ensure consistency in areas of the two reports that may overlap.
    - ii. *Dairy NRC*: Weiss reported that the Dairy NRC committee met at the recent ADSA-ASAS Joint Annual Meeting in July, and continues to meet via monthly conference calls.
    - iii. *Poultry NRC*: Applegate reported funding is still being acquired for a Poultry NRC. Kirk Baer will ask Robin Schoen (NRC) about the possibility of a USDA contribution to the Poultry NRC committee funding.
  - d. *Feed Composition Committee*: Tran reported on several website updates and committee projects currently underway. Tran noted committee members Vinicius Moreira and Mark Nelson reviewed the beef ingredient dataset as part of the Feed Composition committee peer-review process. Their feedback will be implemented prior to posting the dataset on the NANP website. Tran also noted she is currently working on the dairy ingredient dataset that contains over 2.4 million records received from four labs. Miller and Tran have previously discussed ways to make ingredients common across multiple species, and noted this will be an important challenge for the NRSP-9 in the future.
    - i. *Amino Acid Data*: Tran reported Evonik has agreed to share their entire amino acid database. Miller noted he has not looked through the data yet, and is unsure of the potential overlap with amino acid data from other labs.
    - ii. *Multivariate Analysis*: Tran informed the Committee on her work with Dr. Adam Caprez of the Holland Computing Center at the University of Nebraska-Lincoln, concerning statistical codes for multivariate analysis. Tran noted the new approach will save significant time and resources. This approach will be used when creating the dairy dataset, and Tran will eventually re-evaluate the beef dataset using the recently created multivariate approach.
  - e. *NANP Website Updates*: Tran began discussion by noting the swine ingredient database is created on an as-fed basis, while the beef and dairy databases are calculated on dry matter basis. Tran and Miller will work with Gavin LaRowe (ChalkLabs) to alter the swine database in order to express values on both an as-fed and dry matter basis to correspond with the beef and dairy databases. Tran also noted the Search function on the NANP website is not working correctly, despite previous attempts with LaRowe to fix the problem. White mentioned she has noticed this as well. Tran will follow-up with LaRowe, and copy Applegate on the correspondence, to request a timeline for getting the Search function working properly. Applegate suggested a WebEx conference call with LaRowe and staff may be necessary to demonstrate the website problems and facilitate the correction of the issues. Kirk Baer suggested Tran should inform LaRowe of all website issues at once, instead of informing ChalkLabs of each problem separately. Kirk Baer also mentioned the need to include past, current, and future NANP events on the Calendar feature of the website. This is a valuable tool that visitors to the website can use to measure NANP impact on the community. Miller reported the feed ingredient databases are not yet downloadable from the website, but it remains a high priority. Once the beef ingredient dataset is uploaded to the website, Miller

will move forward with a press release announcing instructions on how to download the information. Hanigan noted this will be a very valuable tool, and will be helpful in soliciting support from the industry.

Tran also mentioned Feed Composition committee member Ryan Dilger suggested an option be included on the website for interested industry personnel to supply data to be merged with existing datasets. Miller noted there will need to be a review process for any data received, but it is a potential idea for the future. Tran stated we have gathered contact information from over 400 scientists interested in the NANP. This information will be used to create a contact list. Applegate suggested we wait to contact the mailing list until we have something tangible to report, such as production of the Summit publications or an announcement of the Beltsville-Chamber data being posted to the website. Odle suggested including a registration area to the website where users can sign up to receive updates and other useful information.

- f. *Modeling Committee:* White informed the Committee there are currently six datasets available for download on the NANP website. Users can download full datasets or search specific areas across datasets. White also noted there is coding for three programs on the website, a few coding examples have been uploaded, and she has received interest from outside groups to develop additional codes. White reminded Committee members of the Participation Forum that was launched last fall. There have been nine Forum posts, and White suggested that it would be a great place to harness discussion concerning the upcoming Poultry NRC. Hanigan noted that once the Beef NRC report is released, the NANP should send out a press release introducing the Forum as a valuable place for users with questions and discussion topics concerning the report.
- i. *Website Acknowledgement Statement:* Hanigan asked Kirk Baer for assistance with creating an appropriate acknowledgement statement regarding authorship. Hanigan requested that users cite the NANP website when appropriate, but would like Kirk Baer's approval of the final wording.
  - ii. *Modeling Committee Impact:* White informed the Committee of the multiple white papers, manuscripts, oral presentations, and poster presentations that have been created by the Modeling committee. White also mentioned the symposium proposal for the 2016 ADSA-ASAS JAM has been submitted. Hall noted the Ruminant Nutrition committee accepted the proposal, and recommended it to the overall Program Committee.
  - iii. *Cross-Species Platform:* Hanigan reported he contacted multiple programmers to create the Cross-Species platform, and has narrowed down the field to two potential candidates. Beitz moved to hire Abbas Ahmadi from University of California-Davis to carry out the development of Cross Species platform. Applegate seconded the motion, and the motion carried. Hanigan noted he sees value in creating both a web-based and downloadable version of the program. He will follow up with Ahmadi to create a timeline of items that can potentially be completed prior to the fiscal year end. Hanigan also stated the contract needs to verify that any code used for the program will be wholly owned or infinitely licensed by the NANP.

4. **NRSP-9 Renewal Proposal:** Kirk Baer reviewed the selection process for future NANP Committee membership. Kirk Baer noted the NRSP-9 Administrative Advisors will initiate a national search beginning October 1, 2015 by soliciting letters of interest. All candidates interested in joining a committee will have thirty days to apply. Subcommittee applicants will be reviewed by the Coordinating Committee. Suggestions will be forwarded on to the Administrative Advisors to make final appointments. Coordinating Committee applicants will be reviewed by Cromwell and Kirk Baer, and appointment suggestions will also be passed on to the Administrative Advisors. The Committee would like all appointments to be made by December 31, 2015. Cromwell and the Committee reviewed a list of potential candidates to fill upcoming vacancies. Kirk Baer also discussed implementing the three-year rotational term limit, and the need to have continuation for the

Committee chair. Applegate moved to create a Past-Chair position within the Committee structure for a term of one year, with the option of renewal. Hanigan seconded the motion, and the motion carried. Hanigan and Miller noted that incoming Committee members need to be aware their expected participation will include monthly conference calls and occasional on-site meetings.

Kirk Baer indicated concerns with the overlap of Committee members between NANP and NRC Committees. Discussion followed with many Committee members expressing both pros and cons to this issue, but no policy was put in place to limit any committee participation. This topic will be reconsidered as future NANP and NRC Committees are formed.

5. **NRSP-9 Budget:** Cromwell reviewed recent Committee expenditures, and inquired about any additional projects that could be funded before the fiscal year end. Hall noted money will be needed for the NANP Symposium at the 2016 JAM. Odle suggested the Committee pay for the initial contract price of the Global Animal Nutrition Expert Network, and consider covering the second year license fee. This will ensure the Network will be available in the future, regardless of NRSP-9 renewal. Galyean noted that a webinar is being planned for the release of the Beef NRC report. ASAS will produce the webinar, but there is potential for NANP to fund the event. Cromwell will check with Meghan Wulster-Radcliff (ASAS) about this opportunity.
6. **Spring Summit:** Beitz circulated a draft copy of the twelve-page Summit booklet received from science-writer Susan Reiss and a six-page summary document created by Beitz from the twelve-page document. The Committee reviewed each priority listed in the summary document, and recorded suggested changes. Committee members are encouraged to review both the original document from Reiss and summary document from Beitz, and send any additional changes or suggestions to White by Tuesday, August 11. White will have a draft copy completed by Tuesday, August 25. The Committee will again review the draft prior to printing a finalized booklet. White will then also complete the one-page executive summary. The Committee decided to have graduate students and post-docs familiar with animal nutrition translate the Summit booklet into additional languages, with a compensation rate of \$70/hour. Hanigan will inquire about Spanish and Chinese translations, and Cromwell will look into Portuguese and Korean translation options.
7. **Adjournment:** The meeting of the NANP Coordinating Committee was adjourned at 5:00 pm EDT, with plans to resume the meeting on Wednesday, August 5, 2015 at 8:30 am EDT.

**Continuatio of Minutes of the Coordinating Committee  
National Animal Nutrition Program - NRSP-9  
Wednesday, August 5, 2015**

8. **Call to Order:** Chair Gary Cromwell called the August 5, 2015 meeting of the Coordinating Committee of the National Animal Nutrition Program to order at 8:30 am EDT with Don Beitz, Bill Weiss, Todd Applegate, Jack Odle, Mary Beth Hall, Mark Hanigan, Phil Miller, Mike Galyean, Austin Lewis (NRC), Charlotte Kirk Baer (USDA), Robin White, Huyen Tran, and Kasey Klein in attendance.
9. **Global Animal Nutrition Expert Network:** Kirk Baer revealed the Network that currently only contains data from PubMed, but will soon be populated with data from PubAg and VIVO. Profiles are sorted and grouped together by MeSH (medical subject heading) terms. Kirk Baer demonstrated how the Network can search for areas of interest, specific researchers, and researchers with related interests. White suggested the need for a disclaimer that the data shown is not real-time, but the result of an annual population. Tran noted the Network needs to be compatible for mobile devices.

Odle also suggested the need for a directory of registered users on the NANP website. This directory could include industry and extension people who are not recognized through scientific publications, but are still interested in NANP. White noted a directory can exist through the Participation Forum, where users are asked to supply their contact information.

**10. Follow-up of Previous Discussion Items:** Kirk Baer again reviewed discussion points brought forth from the review of the NRSP-9 Renewal Proposal. These items included future programs of the NANP, increased youth interaction, inclusion of more research societies and industry, and the need for an economic analysis to demonstrate program impact. Odle mentioned the creation of an Industry Liaison Committee. Kirk Baer noted a position could be created similar to the NRC Liaison currently on the Committee. White mentioned the need for a stakeholder communication plan, and volunteered to begin this process. White will summarize previous and current Committee actions and ideas and form a draft communication plan. If renewed, a member of the next Coordinating Committee can use the draft to follow through with a finalized plan. Hall suggested asking the animal science societies to place a link on their respective websites that would direct users to the NANP website and Global Animal Nutrition Expert Network. Galyean also suggested planning symposia or sponsoring speakers at the animal science society meetings. Weiss moved to make Hanigan and Modeling committee member Ermias Kebreab co-leaders of the Cross-Species platform programming project. Applegate seconded the motion, and the motion carried.

**11. Future NANP Events-Pending Renewal**

- a. Summit/Symposia:* Committee members discussed the options of hosting a second Summit and/or sponsoring additional symposiums.
- b. Society Meeting Exhibition Booths:* The Committee decided to have an exhibition booth at the upcoming ADSA-ASAS Midwest Meeting, ADSA-ASAS Joint Annual Meeting, and the Poultry Science Association Annual Meeting. Beitz will research the potential for exhibiting at the Experimental Biology meeting in San Diego, CA. The Committee will also discuss participating in the Aquaculture America meeting in Las Vegas, NV.

**12. Future NANP Support-Pending Renewal:** Hanigan noted industry support can be garnered with the creation of a NANP-focused solicitation letter. Cromwell encouraged Committee members to continue brainstorming for ways to increase industry support.

**13. Adjournment:** The meeting adjourned at 11:45 am EDT. The next meeting of the NANP Coordinating Committee will be a conference call on Tuesday, September 15, 2015 at 3:00 pm EDT.

**ACTION ITEMS**

- Kirk Baer will ask Robin Schoen (NRC) about the possibility of a USDA contribution to the Poultry NRC committee funding.
- Tran and Miller will work with Gavin LaRowe (ChalkLabs) to modify the swine database so that values are expressed on an as fed basis as well as a dry matter basis to correspond with the beef and dairy databases.
- Tran will follow-up with LaRowe, and copy Applegate on the correspondence, to request a timeline for getting the Search function working properly on the NANP website.
- Miller will move forward with a press release announcing instructions on how to download feed ingredient information once the beef ingredient dataset is uploaded to the website.

- Hanigan noted that once the Beef NRC report is released, the NANP should send out a press release introducing the Forum as a valuable place for users with questions and discussion topics concerning the report.
- Hanigan and Kirk Baer will create an appropriate acknowledgement statement regarding authorship.
- Hanigan will follow up with Abbas Ahmadi from UC Davis to create a timeline of items that can potentially be completed on the Cross-Species platform prior to the fiscal year end.
- Cromwell will check with Meghan Wulster-Radcliff (ASAS) about the opportunity to fund a webinar announcing the release of the Beef NRC report.
- All Committee members are encouraged to review both the original document from Reiss and summary document from Beitz, and send any additional changes or suggestions to White by Tuesday, August 11. White will have a draft copy completed by Tuesday, August 25. White will also prepare a one-page attractive summary for distribution to policy makers.
- Hanigan will inquire about Spanish and Chinese translations, and Cromwell will look into Portuguese and Korean translation options for the Summit booklet.
- White will summarize previous and current Committee actions and ideas and form a draft communication plan. If renewed, a member of the next Coordinating Committee can use the draft to follow through with a finalized plan.
- Beitz will research the potential for exhibiting at the Experimental Biology meeting in San Diego, CA.
- White and Tran will work with LaRowe to activate the Calendar feature on the NANP website, and Klein will post all NANP events, past and future, to the Calendar.

**Minutes of the Coordinating Committee  
National Animal Nutrition Program – NRSP-9  
September 15, 2015, 3:00 pm EDT**

- 1. Call to Order:** Chair Gary Cromwell called the September 15, 2015 meeting of the Coordinating Committee of the National Animal Nutrition Program to order at 3:00 pm EDT with Mark Hannigan, Don Beitz, Phillip Miller, Bill Weiss, Todd Applegate, Jack Odle, Mary Beth Hall, Mike Galyean, Lesley Oliver (Administrative Advisor), Austin Lewis (NRC), Charlotte Kirk Baer (USDA), Robin White, and Kasey Klein in attendance.
- 2. Minutes of the Previous Meeting:** Minutes of the August 4-5, 2015 meeting of the Committee were reviewed. Hall noted that the possibility of the NANP hosting an additional symposium at the 2016 ADSA-ASAS Joint Annual Meeting concerning the application and presentation of statistics, was discussed during the meeting, and should be included in the minutes. Hall moved to approve the minutes as amended, Odle seconded, and the minutes were approved by a voice vote.
- 3. Brief Comments and Updates:**
  - a. Administrative Advisors:* Oliver reminded the Committee that the NRSP-9 renewal proposal will be presented and voted on at the Experiment Stations Section's September meeting. Either Bret Hess (Administrative Advisor) or Oliver will relay the result of the vote as soon as possible. Oliver also reminded the Committee that a final NRSP-9 report will need to be posted to the NIMSS website soon.
  - b. NIFA:* Kirk Baer noted the deadline has passed to submit letters of intent for the Exploratory Research grant program, and she was pleased with the number of grant proposals received.

- c. *NRC*: Lewis reported all NRC committees are moving forward with their work. Lewis also noted he has spoken with Robin Schoen (NRC) about raising the remaining funds for the Poultry NRC.
  - d. *Modeling Committee*: Hannigan reported Abbas Ahmadi (UC Davis) has continued to make progress on the Cross-Species platform. Ahmadi currently has one species coded, and anticipates having two more completed before the fiscal year-end. Hannigan questioned if the NANP will need to acquire a release from the NRC for permission to use the NRC models in our software. Kirk Baer noted the equations needed are public information so a copyright lease should not be necessary, but will contact Schoen to inquire if a release is needed to receive the necessary codes.
  - e. *Feed Composition Committee*: Miller reported the NANP beef ingredient dataset has been posted to the NANP website. The Feed Composition committee reviewed the latest Beef NRC report, and included additional feeds that were not in the original dataset. Miller also noted Huyen Tran is making significant progress on the Dairy NRC database. Miller informed the Committee that Evonik has agreed to share their most recent amino acid data in late October, 2015 and will allow the Committee to use the information on the NANP website.
4. **NANP Website Update**: Applegate commended White and Tran on their work with Gavin LaRowe (ChalkLabs) to identify, correct, and follow-up on website changes and updates. Applegate has requested a copy of the code used to make all website changes, and noted if the NRSP-9 is renewed, this information will be useful to implement new website updates and ensure the continuation of the website. Applegate and Cromwell will follow-up with LaRowe to receive the code prior to the fiscal year-end.
  5. **Spring Summit Publications**: Beitz reported the twelve-page Summit document has been completed, and the one-page summary is being drafted. The Committee decided to print 500 copies of both the twelve-page and one-page documents. White noted electronic versions will be available. White also noted the documents have been translated into Spanish, Portuguese, Chinese, and Korean, and electronic versions of the translations will be posted on the NANP website.
  6. **Global Animal Nutrition Expert Network**: Kirk Baer reported on current negotiations with Elsevier, owner of Scopus, concerning the purchase of an additional dataset for populating the Network. Elsevier will provide 1.5 million records that will include animal nutrition publications, author information, abstracts, etc. for a cost of \$60,000. Cromwell discussed the option of an additional package that will include an analytical report about specific areas of animal nutrition interest worldwide. The cost of the additional information is still being negotiated. Cromwell also noted this will be a one-time population, but if the NRSP-9 project is renewed, the Committee can choose to implement annual updates at a reduced cost. Beitz moved to purchase Elsevier's Scopus information package at \$60,000 to populate the Global Animal Nutrition Expert Network, as well as the additional analytical report package at \$10,000, as proposed by Cromwell, Odle, and Kirk Baer. Weiss seconded, and the motion carried.
  7. **NRSP-9 Budget**: Oliver reported that due to federal accounting standards for grants, the Committee cannot use remaining grant money to sponsor activities that occur after the fiscal year-end of September 30, 2015. Cromwell noted that although no expenses were received, an honorarium will be sent to Dr. Mario Herrero for speaking at the Spring Summit. The Committee posed no objection.
  8. **Previous Action Items**: Cromwell encouraged the Committee to review the action items from the previous minutes to complete the tasks prior to fiscal year-end.

- 9. Adjournment:** Cromwell closed the meeting by thanking all Committee members, Lewis, Kirk Baer, White, Tran, and Klein for their commitment to the NANP. The Committee members also thanked Cromwell for his leadership. The meeting adjourned at 4:05 pm EDT.

#### **ACTION ITEMS**

- Gary Cromwell will complete the final NRSP-9 report to be posted on the NIMSS website.
- Charlotte Kirk Baer will contact Robin Schoen to inquire if a copyright release is needed for permission to use the NRC models in the Cross-Species platform.
- Todd Applegate and Gary Cromwell will follow-up with Gavin LaRowe of ChalkLabs to acquire the NANP website code prior to the fiscal year-end of September 30, 2015.
- Robin White will complete the Spring Summit publications, and Kasey Klein will assist in printing 500 copies of both the twelve-page and one-page documents.
- Gary Cromwell and Charlotte Kirk Baer will follow-up with the decision to purchase Elsevier's Scopus information package to populate the Global Animal Nutrition Expert Network, as well as negotiate for the additional analytical report package.