

Minutes of the Coordinating Committee

National Animal Nutrition Program – NRSP-9

Conference Call – October 11, 2017 3:00 PM EDT

Members present: Merlin Lindemann (Chair), Ryan Dilger, Don Beitz, Carey Williams, Jack Odle, Heidi Rossow, Delbert Gatlin

Administrative Advisors: None present

USDA/NIFA: None present

National Academies/NRC: Robin Schoen

1. The meeting of the Coordinating Committee was called to order at 3:01PM EDT by Chairman Lindemann.
2. Update from NRC/NASEM – R. Schoen
 - a. Two new members have been added to the poultry committee (Doug Korver – Canada; Jason Lee – TAMU). They have a second meeting of the committee scheduled for December.
 - b. The Dairy revision committee is still working to get some information from a couple committee members and will probably have their final meeting in 2018.
 - c. The board is leading with Science Breakthrough 2030 and they will get a report out next year.
3. Minutes of the September 13, 2017 meeting:
 - a. Beitz moved (Williams seconded) to approve the minutes from the September 13th meeting as distributed. The motion passed without dissent.
4. Previous, ongoing, or old business items
 - a. Web site updates and issues: Dilger said we are making good progress in Phase 2 and we are still looking at a December completion. We are also on track to finish Feed Composition Database consolidation by then.
 - b. The Modeling composition consolidation will be outside of the scope of what we have contracted Surface 51 to do and would be an additional expense.
 - i. There needs to be some internal discussion and an example of what is needed/wanted in the next 2 months relative to changes in the animal performance portion of the website so that Dilger can communicate that to Surface 51 during the first quarter of 2018.

- ii. Lindemann stated we are ca. \$160K ahead of budget so additional funds are available for the website if necessary.
- 5. Report from the Modeling committee – Rossow
 - a. There will be a modeling workshop at the ADSA meeting and they will generate a funding request for subsidizing the food. A modeling workshop is being planned for the ASAS meeting as well but they are having trouble finding the right people to get it approved through. Lindemann will forward it to his contact person at ASAS. There is, therefore, the potential for a conference during ADSA or ASAS meeting.
 - b. Lindemann approved funds for Dilger, McNamara and VandeHaar to attend the Livestock and Big Data conference and to gain knowledge and share with the rest of the committee
- 6. Feed Composition committee –
 - a. Postdoc status- The committee received the CV for Dr. Schlageter and was impressed with his experience.
 - i. Beitz moved (Odlle seconded) to extend an offer to Dr. Schlageter. Lindemann will extend the offer with a probable start date the first of the year.
 - b. General items – There will potentially be an in-person meeting during the ASAS Midwest meeting in March.
- 7. New business items or updates
 - a. GANN update – Elsevier’s processing of the data has been finished and they are looking at a means to transfer it to us. They have confirmed that they will not be an additional cost for this data. ChalkLabs will probably pull the information from the cloud and then provide us with a cost for contract modifications if they are needed in order to incorporate it into the existing GANN network.
 - b. Status of people for outside examination of the midterm report; Lindemann received recommendations of people to contact. B. Jan Middendorf and Jennifer Kushner. Dr. Kushner is highly recommended and is interested in talking more about the scope of the project.
 - i. Beitz moved (Dilger seconded) to have a committee pursue development of an impact statement with the help of external advisors with a budget up to \$15K.
- 8. Closing comments from Administrative Advisors – None
- 9. Meeting was adjourned at 3:55 PM EDT

Minutes of the Coordinating Committee
National Animal Nutrition Program – NRSP-9
Conference Call – November 8, 2017 3:00 PM EDT

Members present: Merlin Lindemann (Chair), Jack Odle, Don Beitz, Gary Cromwell, Ryan Dilger, Nancy Irlbeck, Delbert Gatlin, Carey Williams

Administrative Advisors: Lesley Oliver

USDA/NIFA: None present

National Academies/NRC: None present

1. The meeting of the Coordinating Committee was called to order at 3:04 PM EDT by Chairman Lindemann.
2. Update from NRC/NASEM – Dilger gave a general update for R. Schoen on the Poultry NRC. Their first meeting is scheduled for the beginning of December. The two new members of the committee have been involved in conference calls, are fully engaged, and will be good additions to the committee.
3. Minutes of the October 11 meeting:
 - a. A typographical mistake was noted in item #7 (New business - GANN update) the word “they” should be changed to “there” to read “...there will not be an additional cost for this data.”
 - b. Gatlin moved (Williams seconded) to approve the minutes from the October 11 meeting as distributed and corrected for the typographical error. The motion passed.
4. Previous, ongoing, or old business items
 - a. Web site updates and issues: Dilger stated there are no new issues, everything is moving as anticipated to be on track for December completion. Any changes that may be needed for the modeling component aspects of the animal performance portions of the website will be addressed in 2018. Dilger has received some feedback from the Modeling Committee but details about specific needs/changes will be forthcoming in future months. A new contract with Surface 51 will need to be developed for those changes. Dilger reported a great working relationship with Surface 51 and he will continue to be the contact person between NANP and Surface 51.
 - b. Status of activity with Andres Schlageter (postdoctoral candidate identified by the Feed Composition Committee) - Lindemann advised that he did accept the offer of the postdoctoral position, and he is working with Schlageter to get the J1 visa application in, with Feb. 1st

as the tentative start date. Based on that start date, he will have 30 days either side of it to actually enter the country and begin working with the NANP.

- c. Impact assessment of the program - Lindemann received a draft statement of work from Jennifer Kushner (University of Wisconsin) that has been reviewed by Lesley Oliver and Charlotte Kirk Baer. Pending completion of a contract, she will begin the assessment soon. While it is important to start this soon we are not in the time crunch that was first anticipated. The impact assessment report will need to be initiated before the midterm review is submitted but does not need to be a part of that review.
 - d. Data from Elsevier for the GANN website - Lindemann has received the data and it has been forwarded to ChalkLabs for review. They are assessing it to see if it will seamlessly flow into the GANN website or whether modifications will be needed. While there is still work to do, Odle stated that this has been a long time coming and we are excited for the progress that has been made.
5. Report from the Feed Composition committee – Dilger
They have a call next Wednesday and anticipate having an in-person meeting in the spring but those details have not been finalized. The Big Data conference is next Monday and Tuesday and he will participate along with John McNamara and Mike VandeHaar of the Modeling Committee.
 6. New business items or updates –Lindemann
 - a. Lindemann reported that NANP individuals had submitted two symposium ideas for the summer ASAS meeting. Lindemann submitted, as suggested by J. Caton, a discussion/review of the most recent NRCs for either Small Ruminants or for Swine. Also, Luis Tedeschi submitted a proposal for a symposium entitled “The Future of Livestock Research” for the Modeling Committee. Lindemann believes the first suggestion about the NRC reviews would be better fits for the Western or Midwest meetings, respectively, and supports the second symposium suggestion for the summer meeting. Dilger is on the ASAS program committee and they are very excited about the symposium proposal from the Modeling Committee and it is on their working grid for discussion during an upcoming conference call so things appear to be moving forward. Lindemann will send the symposium proposal from the Modeling Committee to the entire Coordinating Committee for information.
 - b. Gatlin: After the summer meeting, they revised the strategic plan. Lindemann said he would review minutes from previous meetings to bring this item, and other pertinent items, back to the entire Coordinating Committee for appropriate discussion and action.
 7. Meeting was adjourned at 3:50PM EDT

Minutes of the Coordinating Committee

National Animal Nutrition Program – NRSP-9

Conference Call – December 13, 2017 3:00 PM EDT

Members present: Merlin Lindemann (Chair), Delbert Gatlin, Don Beitz, Heidi Rossow, Nancy Irlbeck, Carey Williams, Joel Caton

Administrative Advisors: Lesley Oliver

USDA/NIFA: Not present

National Academies/NRC: Robin Schoen

1. The meeting of the Coordinating Committee was called to order at 3:03PM EDT by Chairman Lindemann.
2. Opening comments from Administrative Advisors – Lesley Oliver
As of now there is no information to provide or clarity on what to expect with the federal budget.
3. Update from NRC/NASEM – Robin Schoen
The Poultry NRC committee has met and it was the first meeting with their two new members. They had 2 guest speakers from Brazil. Schoen will coordinate with Peter Ferket further discussion with the modeling committee.

Multi Species Interface (MSI) – NRC/NASEM has someone who has agreed to be the general counsel and will start in January. The next step is to write up some questions and present to modeling committee and then meet with the attorney.

4. Minutes of the November 8 meeting
There was a motion to approve the minutes approved as distributed (motion by Beitz, seconded by Irlbeck). The motion passed.
5. Previous, ongoing, or old business items
 - a. Web site (Surface 51) updates and issues – Surface 51 has the ingredient database on the server for us to look at and review. The Feed Composition committee has been looking at it. There is a common database for all ingredients and they have a full dataset for: alfalfa meal, alfalfa hay, bakery byproduct meal, and barley grain, rolled. The committee is asked to review and provide feedback to Ryan. Then it will go live and Phase 1 will be complete.
 - b. Status of activity with Andres Schlageter (postdoc for the Feed Composition committee) – he is excited and committed to coming. He is

finalizing some personal things and awaiting visa approval before scheduling an arrival time.

- c. Data from Elsevier for the GANN website – We have forwarded the most recent data received to ChalkLabs to see if it will fit in the system. They have reviewed it and it looks to be in good shape. They estimate 6-10 working days to get everything into the site.
6. Report from the Modeling committee – Database interface is moving along. They are moving forward on the proposal for a symposium at the national ASAS meeting as well as getting papers published. They are also working on a grant proposal where people can share different techniques.
 7. Report from the Feed Composition committee – Dilger, VandeHarr and McNamara attended the Big Data Conference. Lindemann is waiting for VandeHarr and McNamara to provide their feedback but Dilger did provide some good feedback about archiving material that has already impacted aspects of the NANP feed composition database. Lindemann expressed pleasure that we made funds available for them to attend.
 8. New business items or updates – Lindemann firstly thanked everyone for sending schedule information about times when each person was NOT available. Based on that information, he announced that starting in January, the monthly conference call would be on the third Thursday of the month at 2pm EST.
 - a. Revised strategic plan – The subcommittee developed a document that was previously distributed that encapsulated what we accomplished and then developed short term goals to 2020 and long term goals past 2020. They are interested in feedback from other members of the coordinating committee. Lindeman will resend the document the first week of January with some specific questions to help finalize the committee objectives.
 - b. Impact assessment of the program –We are in the midst of developing a contract with Jennifer Kushner (University of Wisconsin) for the assessment. The agreed cost was about \$15,000. The assessment will probably be completed in the April/May time frame which is not before the time when the Administrative Advisors submit their midterm report but it will be completed before the midterm report is reviewed by those who assess the NRSP programs. Oliver provided the following timeline: midterm review is due in February, NRSP will meet in May to look at our review and make a determination at that point. If we have preliminary results from our impact assessment we may be able to provide it to them. The midterm review will show that we have taken steps toward the impact assessment and it will be helpful for the renewal in a couple of years.
 - c. Summit 2019? Beitz presented a potential topic of “Sustainability in Animal Agriculture. What is the role of livestock in food security?” Lindeman will distribute to the committee the regenerative article that

Beitz mentioned for the committee to review and to keep the conversation and ideas flowing. We will continue to discuss this casually and will, hopefully, come up with several key ideas for more substantive discussion when we meet have our next onsite meeting.

9. Closing comments from Administrative Advisors

Oliver: Hopes everyone takes time to contribute things that they think are important to Lindemann that they think are important for the impact assessment.

10. Meeting was adjourned at 4:04 PM EDT.

Minutes of the Coordinating Committee

National Animal Nutrition Program – NRSP-9

Conference Call – January 16, 2018, 2017 1:00 PM EST

Members present: Merlin Lindemann (Chair), Jack Odle, Don Beitz, Todd Applegate, Gary Cromwell, Ryan Dilger, Heidi Rossow, Nancy Irlbeck, Carey Williams, Joel Caton

Administrative Advisors: Lesley Oliver

USDA/NIFA: Not present

National Academies/NRC: Robin Schoen

1. The meeting of the Coordinating Committee was called to order at 1:02 PM EST by Chairman Lindemann.
2. Opening comments from Administrative Advisors – Administrative advisors have been in contact about the midterm review. Minutes and reports from the last two years have been uploaded to the NIMMS site. They look forward to getting information from the impact evaluation so that they can add perspectives from that to the midterm review.
3. Update from NRC/NASEM – Robin Schoen

She has not yet met with the general council about the common platform project but she does have some questions that will be sent to the modeling committee. The dairy revision committee is trying to get the final draft together so they can have a final meeting and then send it out for external review. Once it is sent out for external review and the review comments addressed, it will hopefully come out in 2018. The Board on Agriculture and Natural Resources has been thinking about funding. Their 75th anniversary will be in 2019, 2019 will also be the 100th anniversary of the Animal Nutrition Committee. Therefore, a suggestion of celebrating this during the possible NANP 2019 Summit was brought up.

4. Minutes of the December 13 meeting
There was a motion to approve the minutes as distributed (motion by Beitz, seconded by Irlbeck). The motion passed.
5. Previous, ongoing, or old business items
 - a. Website (Surface 51) updates and issues – waiting for the final styling of the new database. Website is almost complete and Dilger will get training on how to update the website the week of Jan 22-26. The hope is to go live on the database next month. Once Andres Schlageter starts in the postdoc position, he will come to Champaign and train with Dilger for about a week. Andres

Schlageter and Veridiana Daley will both be trained on how to make updates to the website.

Lindemann has gone through the most recent version of the feed composition database and provided some feedback. Dilger has not received a lot of feedback from others. Lindemann asked everyone to take some time to review and provide feedback. With regard to the overall NANP website, Lindemann requested/assigned individuals to different parts of the website to view for 5-10 minutes and provide Dilger with feedback. Assignments were:

Feed Composition – Applegate, Rossow – Lindemann will resend the database link that gives the location for the new format that needs to be reviewed.

Modeling- Lindemann, Gatlin

Publications – Williams, Caton, Irlbeck

Resources – Odle, Williams, Irlbeck

About – Beitz, Cromwell

Feedback and Questions – anyone interested

- b. Andres Schlageter (Feed Composition committee post doc update) – He arrives Feb 7 in Lexington and will do actions related to HR and visa/immigration orientation, then proceed to UNL Feb 13 to begin working with the committee. He is very excited about coming and getting started.
 - c. Data from Elsevier for the GANN website. Lindemann had a few interchanges with Gavin LaRowe. Right now, they are trying to get a phone call for next week to set a plan in getting our job finalized.
 - d. Impact assessment of the program – We have signed contracts with the University of Wisconsin. We have a drop box site for materials that we are submitting to Dr. Jennifer Kushner. Kushner has also asked for a steering team and it is set up. It is Lindemann, Caton, Hanigan, Rossow, Miller, and Bradley.
- 6. Report from the Modeling committee – Rossow: They are working on a proposal for a methods conference. There are many questions from the modeling group because they are doing a seminar at the ASAS annual meeting and a workshop at the ADSA annual meeting so they are interested in what the funding level would be from the Coordinating Committee. They may be \$7300 short for the ASAS meeting. They would like to charge \$25 but ASAS does not want them to charge. They will send a formal request for support. The Coordinating Committee agreed in principle that it would provide some financial support for both meetings.
 - 7. Report from the Feed Composition committee – The December committee call focused on the database. They are working with the poultry revision committee to fill in gaps in knowledge.
 - 8. New business items or updates –

- a. Revised strategic plan – Committee members have not had a chance to fully review. A vote on its acceptance was deferred. We will revisit the plan at the February meeting.
- b. Summit 2019? - Received comments from Oliver about anniversary celebrations

9. Closing comments from Administrative Advisors
Oliver: No closing comments

10. Meeting was adjourned at 2:04 PM EST.

Minutes of the Coordinating Committee
National Animal Nutrition Program – NRSP-9
Conference Call – February 20, 2018 1:00 PM EDT

Members present: Merlin Lindemann (Chair), Jack Odle, Don Beitz, Gary Cromwell, Ryan Dilger, Heidi Rossow, Carey Williams, Joel Caton

Administrative Advisors: Not present

USDA/NIFA: Charlotte Kirk Baer

National Academies/NRC: Not present

1. Chairman Lindemann called the meeting of the Coordinating Committee to order at 1:00 PM EDT.
2. Minutes of the January 16 meeting – Beitz moved, Cromwell seconded, to approve as distributed. Motion passed.
3. Previous, ongoing, or old business items:
 - a. Website (Surface 51) updates and issues – Things are moving along. The site is still in testing phase. Dilger received very good feedback from the last meeting and he will review and make the changes to the website based on the information received.
 - b. Andres Schlageter (Feed Composition committee post doc) - Andres has arrived in Lincoln, Nebraska and has started working. He is excited to be a part of the program and he should be an excellent addition that will help the committee.
 - c. Data from Elsevier for the GANN website – No action since the last meeting.
 - d. Impact assessment of the program - A draft copy of the assessment has been received. There will be a conference call this week to discuss what it says and what the next steps will be.
 - e. Revised Strategic Plan – We received good feedback on the call, Caton and Williams will speak with Gatlin about the plan and they will contact Mark Hanigan and Phil Miller to see who on their committee could be helpful in providing additional input for revisions.

4. New business items or updates.

- a. Financial report – We have had a carry-over of about \$80K for the past 2 years and we have a balance of \$79,647 now so even with the projected expenses we have the funds available to cover them.
- b. Funding requests:
 - i. Support of activities at the ADSA summer meeting – Beitz moved, seconded by Dilger, to have the modeling committee submit a conference request for funding to NIFA, but if NIFA does not fund it the NANP will provide the \$8818. Motion passed.
 - ii. Support of activities at the ASAS summer meeting - Cromwell moved, seconded by Odle, to have the modeling committee submit a conference request to NIFA for funding (without direction on the dollar amount of the request) but if NIFA does not fund the request the NANP will provide support of \$10,000. Motion passed.
 - iii. Support for partial assistance of Daley to the DISCOVER conference - Cromwell moved, seconded by Odle, to provide the requested funding of \$747. Motion passed.
 - iv. JOVE paper support – Cromwell moved, seconded by Odle, to fund \$3000 with consideration for additional funding later if the need exists. Motion passed.
- c. The May onsite meeting will be held in DC. An email has gone out with a range of potential meeting dates. We will narrow those dates down to the best options and then send out a Doodle Poll soon.
- d. Summit 2019? - The committee was asked to continue to send summit ideas to Beitz.

5. The meeting was adjourned at 2:12 PM EST.

National Animal Nutrition Program – NRSP-9

Contact Information - Updated March 20, 2018

Coordinating Committee

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Modeling Committee

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Administrative Advisors

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USDA/NIFA

Charlotte Kirk Baer	National Program Leader	Animal Nutrition	cbaer@nifa.usda.gov	(202) 445-3426
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National Academies/NRC

Robin Schoen	National Research Council	Director	rschoen@nas.edu	(202) 334-2236
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Other

Cornicha Henderson	FASS	Administrative Assistant	CornichH@assoqh.org	(217) 356-2426 x143
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Minutes of the Coordinating Committee
National Animal Nutrition Program – NRSP-9
Conference Call – April 17, 2018 1:00 PM EDT

Members present: Merlin Lindemann (Chair), Gary Cromwell, Jack Odle, Don Beitz, Ryan Dilger, Heidi Rossow, Nany Irlbeck, Delbert Gatlin, Carey Williams, Joel Caton

Administrative Advisors: Lesley Oliver

USDA/NIFA: Charlotte Kirk Baer

National Academies/NRC: Not present

1. Chairman Lindemann called the meeting of the Coordinating Committee to order at 1:00 PM EDT.
2. Opening comments from Administrative Advisors – An update on the midterm review was submitted to the Southern Region directors. Questions or comments about the update have not been received at this point.
3. Comments from USDA/NIFA – C. Baer – The anticipated release of AFRI requests for conference proposal applications is still the end of April.
4. Update from NRC/NASEM (status of Dairy and Poultry revisions) - R. Schoen – Academies' Deputy General Counsel is looking at the materials related to the multi-species interface and will be responding soon.
5. Minutes of the March 20 meeting – Motion to accept the minutes as distributed, by Beitz, Irlbeck seconded and motion passed.
6. Previous, ongoing, or old business items:
 - a. Website (Surface 51) updates and issues - <https://animalnutrition.org/> - Dilger - Had training 2 weeks ago for the postdocs so there are now 3 people working on updates to the website. They are also working to consolidate the feed composition data databases into one single database.
 - b. Data from Elsevier for the GANN website – Odle - There was a phone conversation in early April with Gavin on time estimates. He said it will take up to 1 month to get the data into his platform where he can present it to us. He will start in May/June and we should have something by mid-

summer. This updated time associated with the large data set could add a possible \$4K to what was already approved.

- c. Impact assessment of the program – Lindemann - Jennifer Kushner is still aiming to get the final report by end of April. The survey she is conducting is scheduled to close but she may keep it open for a little longer. She recently received 2 post doc interviews and reviewed new data. Oliver will be in contact with the person that oversees the NRSB review process to make sure he is aware of the changes made to the website and will talk to him about the best way to get him information in time for the national committee review in case there are any questions.
- d. Revised Strategic Plan – General discussion; review for final decision in May – Williams: Took everyone's comments that we need to add some of the goals from the Feed Composition and Modeling Committees. Removed accomplishments, added feed and modeling short-term goals and added long-term goals for all. She welcomes additional comments and corrections.

7. New business items or updates.

- a. Funding related:
 - i. Update on conference proposal request to NIFA – The CC has previously approved money for ASAS and ADSA meeting support. Encouraged modeling committee to submit conference proposals to NIFA. They are waiting for the call for proposals. Rossow - Modeling committee has several examples of conference proposals received and they are working so that as soon as the RFP's open they will be able to submit. The symposium for ASAS is posted online. Rossow and Baer will work together on possible funding and connections from AGNIP.
 - ii. JOVE paper status- Cromwell- Received a wide range of comments from those that reviewed. It was noted that the information presented went through several levels of review and approval before being presented.
- b. May onsite meeting – DC (May 21-22) – Will develop agenda over the next month. Please send any topics to Lindemann.
- c. Interaction with AFIA and NCBA – Communications were prompted by increase in vitamin A& E price. Lindemann and Baer had a conference call with Paul Davis (AFIA) and Dr. Kathy Simons and Jessica Watson (NCBA) relative to recommendations for best practice in situations of shortages in

the animal industry. This was a good discussion and they desire to continue communications. We will discuss more in DC.

- d. Plans for booths at ADSA and ASAS - Cromwell will oversee booth in Vancouver at ASAS and Beitz will oversee at the ADSA in Knoxville. Beitz will arrange a work schedule for the booth during the major times. In addition, a final list of meeting materials needed will be decided during the May onsite meeting.
 - e. Summit 2019? – Will discuss in DC in May
8. Report from the Feed Composition committee – They are moving forward with Surface 51 project. Mark Hanigan will be in town this week to make sure the database is designed the way he wants. Veridiana Daley will work to populate that database. Based on the work that needs to be done it did increase the price for Surface 51 to be about \$2K more than estimated. Lindeman made the executive decision to okay this. In addition, it was opened up to the committee to discuss.
 9. Closing comments from Administrative Advisors – Oliver – We have a lot to talk about during our onsite meeting and she will update Rick Rhodes about NANP activities.
 10. The meeting was adjourned by Lindemann at 2:04 PM EST.

**Minutes of the Coordinating Committee
National Animal Nutrition Program-NRSP-9
Waterfront Centre – Room 1341
800 9th Street SW - Washington DC
May 21-22, 2018**

1. **Call to Order:** Chairman Lindeman called the meeting of the Coordinating Committee of the National Animal Nutrition Program to order at 1:00 EDT with Carey Williams, Don Beitz, Delbert Gatlin, Ryan Dilger, Phil Miller, Jack Odle, Gary Cromwell, Nancy Irlbeck, Joel Caton, Nathalie Trottier, Andres Schlageter, Veridiana DeSouza Daley, Lesley Oliver (Administrative Advisor), Robin Schoen (NASEM), Charlotte Kirk Baer (USDA), and Cornicha Henderson present.
2. **Welcome to USDA – Charlotte Baer, National Program Leader, USDA/NIFA:**
Kirk Baer greeted the group and welcomed the NANP Coordinating Committee and guests to the USDA. She informed the committee that there are, understandably, operational changes with every new administration and new Secretary of Agriculture. She gave updates on some changes and provided a hand out of the 7 strategic goals the Secretary has lined out in conjunction with their motto of “Do Right and Feed Everyone.” Additionally, she informed everyone that the redesigned competitive grants program now has three areas: Workforce and Education, Sustainable Ag Systems, and Foundational and Applied Sciences.
3. **Initial comments from Administrative Advisors - Lesley Oliver**
Oliver outlined the time line relative to the midterm review by the regional directors. The Administrative review committee is meeting this week to discuss many projects as they do each year and the Administrative Advisors for our project have provided them an assessment of the NANP program. She stated that moving forward we will need to show value of this project in terms of monetarily/quantifiable saving for the impact assessment.

Previous, ongoing, or old business items

4. **Minutes of the April 2018 Meeting:** Minutes of the April 2018 meeting of the Committee were reviewed. Beitz moved to approve the minutes as distributed, Irlbeck seconded, and the minutes were approved as distributed.
5. **NRC dairy and poultry revision committee update, common platform status – Schoen**
The Dairy revision committee is starting to prepare for their final meeting and are formatting the chapters for final review. They will need about a month to prepare the final document. About 75% of the chapters are completely done. It will be ready to go to external review after the final meeting, hopefully by the end of the summer.

The Poultry revision committee is pushing forward rapidly. Not all poultry species have as much information as other species. They had a visitor from Brazil at the last meeting to give a tutorial on her nutrition model. She is acting as an unpaid consultant to the committee. The committee would like to use data to run through her model to validate her model. It does not appear that the committee will adopt her model or any other model but there will be a chapter about it.

The multispecies interface has been discussed with several meetings and the attorney is ready to draft something, perhaps a combination of agreements and licenses. The NANP and Schoen have

exchanged some questions and answers to help the attorney understand what is needed. There is a phone call scheduled next week and it is hoped that something is then drafted.

- 6. Modeling workshop at the ADSA summer meeting (Knoxville) and the exhibition booth at the ADSA meeting and the ASAS summer meeting (Vancouver) – Beitz, Trottier, and Cromwell**
ADSA Modeling workshop – Title: NANP leveraging resources, linking researchers. ADSA Nutrition Models workshop. This is a more hands-on workshop per feedback received from last year's workshop. Post-workshop survey showed 40% of participations wanted to have more hands on activities. ASAS symposium – Title: Future of data analytics in nutrition: Knowledge gaps, data collection and quality, and the role of supporting tools for sustainable development. There will be morning and afternoon sessions; the symposium is being conducted jointly with the American Society of Nutrition. All but one speaker has confirmed. The JAS editorial board will invite each person to submit a paper. If they keep it within 10 pages, the cost will be covered. ADSA and ASAS booths – Needs were discussed and Beitz (ADSA) and Cromwell (ASAS) gave thoughts about handout materials and needed items. They will solicit NANP members for taking shifts at the booths.
- 7. Budget status, travel expenses (University of Kentucky regulations), financial status report – Cromwell** – The expense form was reviewed. The mailing address needs to match the W-9 you have on file with University of Kentucky. Send form requests to Lindemann. Budget update: the first year we ended up with a little over \$84K that was not spent, the following year we had a balance of about \$83K. For the current year, the estimated cost for the workshop and symposium at ADSA and ASAS, respectively, the midterm impact assessment, publications, GANN website update, the current onsite meeting, and Surface 51 expenses projects to a yearly deficit of about \$18K. But with the carryover from the first 2 years, we are still about \$150K ahead of budget.
- 8. Update from Feed Composition committee – Miller and Schlageter** – Miller said it is great to have Schlageter in the postdoc position and he has gotten a great start. Schlageter first reviewed his training and background for the committee. He has visited Surface 51 and been trained in the CMS. Currently for the Feed Composition committee he is working on the description for all ingredients. AAFCO has not agreed to allow us to use their definitions word for word. But we may be able to use their definition and re-word them.
- 9. Update from the Modeling committee – Trottier and Daley** – The Modeling committee is busy with preparation for the workshop at ADSA and the symposium at ADSAS. Trottier and Daley stated that it was a committee goal is to push out the animal performance databases to the website. Daley has worked on the NRC 2009 database in last few weeks to update data and has sent it to Surface 51 to upload on the website. The committee will check with NASEM about access to older NRC databases and models.

New business items or updates

- 10. Review and discussion of the Strategic Plan – Lindemann, Gatlin, Caton, Williams-** The committee gave a lot of suggestions and edits to the strategic plan in its current state of revision. Those updates/revisions will be incorporated into the document and presented later in the meeting.
- 11. Adjournment:** The meeting of the NANP Coordinating Committee was adjourned for the day at 5:00 pm EDT, with plans to resume the meeting on Tuesday, May 22nd at 8:00 am EDT.

**Minutes of the Coordinating Committee
National Animal Nutrition Program - NRSP-9
Tuesday, May 22, 2018**

The meeting was reconvened at 8:00 EDT by Chairman Lindemann.

12. Web site updates/issues/ideas (<https://animalnutrition.org>) – Dilger

We have extreme flexibility of the website because of our CMS control. Dilger has weekly meetings with Surface 51 and it was great to have the postdocs in Champaign for explanation of the website and CMS training. The work is potentially in 4 phases; Phase 1 is completed (the old site to new site), Phases 2 and 3 are 90% done and just waiting for data. Phase 4 would have been the techniques library which awaits Coordinating Committee decisions. Once we have the data in for Phases 2 and 3, they will redesign the look of the website. Now we need to think about marketing the website. Transition from ChalkLabs was difficult in some ways and there is a gap in data analytics from August 17, 2017 to February 18, 2018. Everyone is encouraged to send suggestions and edits on the website to Dilger.

13. Retention of knowledge related to various techniques in nutrition research – Trottier

A working group from the Feed Ingredient committee and the Modeling committee has been put together. It is envisioned that the website would be the place they would house the technique library, which is envisioned to improve uniformity and quality of methodologies employed in livestock animal nutrition and metabolism and reduce variation in published data. It was pointed out that the website as it currently exists cannot accommodate the ideas envisioned for use of the website. The Coordinating Committee needs to decide whether to postpone activity on the Techniques library for a period of time to adjust to the current website and to incorporate remaining databases into the website. Members should further review the distributed document.

14. GANN network, Elsevier data status – Odle, Lindemann – The recent data obtained from Elsevier is much greater than the first set of data. Odle reviewed the citations received for the Coordinating Committee members and it is about 67% of what the committee says they have published in the time frame reviewed. Lindemann has spoken with ChalkLabs and they are saying the citations will be incorporated into the GANN website in June/July. Lindeman has a list of question to go back to ChalkLabs/Elsevier based on the discussion. There was a consensus that we do not need to include “citation back” in the network but we would include “citation forward.”

15. Impact assessment report – Lindemann, Baer – We received a copy of the report. The report is not what we had hoped for in its scope. The evaluator was given names to contact but she did not contact them. There is a lot that should have been included in the report that was not included.

16. AFIA/NCBA critical issues related to short supply of ingredients: Conversations have taken place with representatives of both the AFIA and NCBA about the recent shortage of vitamins A and E. Their membership has expressed dissatisfaction with some recommendations coming to industry but there is no consensus on how producers should react or what advice organizations should give to them. There was inquiry whether NANP would produce recommendations for best practice in situations of shortages in the animal industry. It was explained that was not within our scope of

responsibility but we would be willing to brainstorm further about possible ways we might provide direction.

- 17. Zebrafish – Gatlin, Lindemann** – NIH is hosting a workshop around the use of zebrafish as an experimental model at the end of July in DC. Gatlin was asked to come and represent NANP.
- 18. Revisit: Strategic Plan, Committee Appointment and Term Length – Gatlin, Cromwell, Lindemann** – Changes were made in the Strategic Plan based on feedback from yesterday; further discussion occurred and changes further were made. We will vote on the strategic plan during the June conference call. Cromwell presented a revision of our guidelines related to the Terms of Service on the NANP committees. Motion: Irlbeck moved to accept the Appointment and Terms of Service for Members of the Coordinating, Modeling and Feed Composition Committees. Williams seconded the motion and the motion passed.
- 19. Summit 2019 or 2020 – Beitz, Lindemann, Cromwell** – Beitz went over a wide range of possible topics for the Summit 2019 to build on the successful Summit 2015. The group’s favorite was ‘Shaping the Future of Livestock.’ The goal is to have the Summit Spring 2019.
- 20. Guest speaker- Richard Sellers, AFIA-** Richard talked about having a mutual relationship with AFIA that can come up with recommendations for crisis response planning for situations like the vitamin shortage. He discussed their strengths as well as their challenges with being an organization that represents both suppliers and consumers in situations such as occurred with the vitamin shortage.
- 21. Miscellaneous** – It was determined that the same time as the spring schedule (3rd Tuesday at 1:00 EDT) works best for the summer. A brief discussion took place about the potential for more education-related material on the website that would help train future researchers.
- 22. Adjournment:** The meeting adjourned at 4:46 pm EDT. The next meeting of the NANP Coordinating Committee will be a conference call on Tuesday, June 19th at 1:00pm EDT.

ACTION ITEMS

- Develop external reviewer list for submission to NASEM for use on the revised Dairy NRC
- Modeling committee will check with Robin about links with old NCR models
- Find publication and acknowledgment policy
- Dilger will develop slide set for ADSA booth that will highlight new website
- Reestablish/develop a list of publications from each committee
- Communication with Jennifer Kushner about questions related to the impact assessment
- Start online registration system on NANP website to document impact/value/reach – first needs decision when it comes up and what information to collect on registration
- Continue Summit preparation activities
- Response to Richard Sellers and Paul Davis of AFIA on our position regarding nutrient/feed shortages and extent of our assistance
- Committee rotation review

Minutes of the Coordinating Committee
National Animal Nutrition Program – NRSP-9
Conference Call – June 19, 2018 1:00PM EDT

Members present: Merlin Lindemann (Chair), Don Beitz, Gary Cromwell, Ryan Dilger, Heidi Rossow, Nancy Irlbeck, Delbert Gatlin, Joel Caton

Administrative Advisors: Richard Rhodes

USDA/NIFA: Not present

National Academies/NRC: Robin Schoen

1. Chairman Lindemann called the meeting of the Coordinating Committee to order at 1:00 PM ~~EDST~~.
~~1.~~
2. Opening comments from Administrative Advisors – Rhodes serves on the NRSP review committee and they hope to have comments on the program by the end of this week.
3. Opening comments from USDA/NIFA – R. Schoen – ~~There is n~~Nothing new to report from the poultry or dairy revision committees. They did get a draft document from their General Council and they will have a phone call this week regarding sharing the NRC models.
4. Minutes of the May 21/22 meeting – Irlbeck moved~~Motion~~ to accept the minutes as distributed ~~by Irlbeck~~, Beitz seconded and the motion passed.
5. Previous, ongoing, or old business items
 - a. Web site (Surface 51) updates and issues - <https://animalnutrition.org/> ~~of recent~~ A report of analytics showed traffic from 81~~includes data from all~~ countries. Dilger can generate data reports from the website so send questions on data needed to him.
 - b. Data from Elsevier for the GANN website – update – We have twice as many citations as we previously had that will be incorporated into the website. Lindeman decided to include both the citations that are in the publications back and forward. That will give

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the most robust network. They ChalkLabs expects to incorporate that data in the month of July.

c. Impact assessment of the program – update – Lindemann called Jennifer Kushner from the University of Wisconsin about the assessment. She said that the timeframe was a challenge, they felt a bit rushed. Lindemann brought up that we gave her materials that would have been helpful and contact information for primary stakeholders that she did not contact. She had an in-depth conversation with Dilger about the website and asked about analytics that she would have found most helpful. She felt Dilger had a good handle on what's needed and said she would be available for a follow up conversation to talk about what kind of data we want to have in hand relative to the website for the end of project assessment. Lindemann will schedule a call in September with Kustehner and Dilger.

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d. Revised Strategic Plan – Some committee members did not have time to read it again. Lindemann will resend the plan before the next meeting with instructions to read through it and be prepared to discuss and potentially approve during our next call.

e. ADSA/ASAS activities update – workshop, symposium, and booths. –Rossow: Everything is set up for the work-shop at ADSA in Knoxville. They had one speaker drop out so they are working on filling that. They think the workshop will be just as good, if not better, than last year. Cromwell/Beitz: they will send out final schedules for working the booths at the respective meetings, will take 150 posters to each meeting, magnets, pens and NRCR USB cards and slide show.

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f. NIH Zebrafish workshop – update – Gatlin has not received any additional information. He sent an email to Steve Watts (University of Alabama) but has not received a response yet, but assumes the workshop is still scheduled for July 31st.

e.g. LindemannMerlin and Irlbeck are working on a poster for the Comparative Nutrition Society meeting but they can distribute it to everyone. They welcomed updated pictures ~~soon, the that~~ meeting is August 5--10th.

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h. AFIA/NCBA – update – Lindeman had good phone conversations and let them know that we would not make feeding recommendations at this time. We may give them a short list of people to consider if they put together a meeting to discuss feed industry shortages.

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e.i. Summit 2019. – Beitz is trying to put together a proposed list of speaker and title to share with Caton and Gatlin who agreed to help. Will also check dates for when the National Press Club is open as a possible venue for next March/April.

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e.j. Funding related - update on conference proposal requests to NIFA – proposals for both societal events have been submitted for support.

6. Report from the Modeling committee_- Rossow: They are organizing an on-site meeting Oct. 30th.

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7. Report from the Feed Composition committee_- Dilger – They are 95% done with getting everything put together on the website. They have a phone meeting with AAFCO to discuss what our intentions are about feed definitions and what we would like to use. The committee isy-are discussing an onsite meeting; it will probably be in the fall.

8. New business items or updates

a. Feedback on priorities for the Modeling committee, especially with reference to the Techniques library – We have approved and almost completed three phases of the website. The forth phase is the techniques library. We had a quote from Surface51 of \$7700. During our May onsite, meeting it was decided to get the animal data on the website first and then add other activities.

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a-b. NANP Education Subcommittee (see attached proposal) – Making this available on website as a teaching tool. Irlbeck is looking for people who have a passion for teaching and animal research to join this committee.

b-c. Gary thanked everyone for submitting their expenses from the onsite meeting in a timely manner.

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9. Closing comments from Administrative Advisors – Rhodes t thanked LindemannMerlin for leadership of this group. He s strongly encourages the project to interact and solicit help from the Administrative Advisors. Closing the loop on projects would be helpful. We need a timeline on website completions, listing of publications, and databases that are under construction.

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10. Lindemann– We have expanded our research base by getting funds from other organizations/companies. Talked with Oliver, we have check from Midwest Swine Nutrition Conference for \$1200 so we will get an account where money can be used for other purposes.

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11. The meeting was aAdjourned at 2:03 PM EDT.

Minutes of the Coordinating Committee
National Animal Nutrition Program – NRSP-9
Conference Call – July 17, 2018 1:00PM EDT

Members present: Merlin Lindemann (Chair), Jack Odle, Don Beitz, Gary Cromwell, Ryan Dilger, Delbert Gatlin, Nancy Irlbeck, Heidi Rossow, Joel Caton

Administrative Advisors: Lesley Oliver

USDA/NIFA: Charlotte Kirk Baer

National Academies/NRC: Not Present

Chairman Lindemann called the meeting of the Coordinating Committee to order at 1:02 PM EDT.

1. Opening comments from Administrative Advisors – L. Oliver – No new comments since the discussion on the Midterm review.
2. Opening comments from USDA/NIFA – C. Kirk Baer– No additional comments.
3. Update from NRC/NASEM –Lindeman stated that in the next couple of months he would like to provide Schoen a list of potential reviewers for the Dairy NRC. The CC was requested to send suggestions to him.
4. Minutes of the June 19 meeting – Cromwell moved to accept the minutes as distributed, Irlbeck seconded and the motion passed.
5. Previous, ongoing, or old business items
 - a. Web site (Surface 51) updates and issues - <https://animalnutrition.org/> - Feed composition committee is working to populate the database. The modeling project is ongoing but there has not been major effort at present with national meetings and summer commitments. Everything is stable and they are actively updating the website as groups and individuals can address the items of priority.
 - b. Data from Elsevier for the GANN website – update – No update since last month. Chalk Labs said they would update during the month of July.

- c. Revised Strategic Plan – final discussion and vote– After several comments and minor changes, a motion to accept the Revised Strategic Plan as amended with comments submitted during the call was made by _____; _____ seconded the motion. The motion passed without dissent and the Strategic Plan is now in place. The committee of Gatlin, Williams, and Caton was thanked for their effort for the work put into this Plan and the committee was dismissed.
 - d. ADSA/ASAS activities review - workshop, symposium, booths; results of conference proposal request to NIFA. ADSA: Rossow/Beitz – The review comments from the workshop supports that the workshop was very useful and appreciated. The format worked out well, they will continue with the format and rotate between introduction to modeling and advance modeling topics. There was minimal interest at the booth. ASAS: Cromwell appreciated everyone who stepped up and helped since he was not able to attend. Andres Schlageter was a lot of help and support. Lindemann said that there was not a lot of activity but the comments that were received were very positive.
 - e. NIH Zebrafish workshop – update – Gatlin believes everything is still on track, his topic is The National Animal Nutrition Program as it relates to Zebrafish and Lab Animal models. The workshop is scheduled for July 30th / 31st.
 - f. Summit 2019 – Beitz – Potential dates at National Press Club - **March 27 & 27** or April 2 & 10 potential dates. Beitz has a list of 10 potential speakers and topics and will send them to the committee for review and feedback.
6. Report from the Modeling committee - Rossow: They are organizing an on-site meeting for Oct. 30th.
 7. Report from the Feed Composition committee – Dilger: There is continued conversations with AAFCO. Andres Schlageter will be in Champaign July 30th for website activity. The committee has an onsite meeting in the fall in Omaha.
 8. New business items or updates
 - a. FACT proposal by selected members of the Modeling Committee – Some of the modeling committee have developed a letter of intent for the proposal. Committee members discussed if NANP wanted to support this. Lindeman moved the Coordinating Committee support the activity of the Modeling Committee members and Dilger seconded. Motion passed without dissent for NANP support for letter of intent.
 - b. Feedback on priorities for the Modeling committee, especially with reference to the Techniques library – We need activates for other species that are not already included.

- c. NANP Education Subcommittee (see attached proposal) – Will defer for next meeting. Anyone who has a passion for teaching and animal research and is interested in joining the committee should contact Irlbeck.
 - d. Midterm review – Lindemann will give a report to NRSP Review Committee by Friday, July 20th. There have been 45 publications since 2010. Lindemann will give a summary of the impact of the project to date and plans for the future.
9. Closing comments from Administrative Advisors – L. Oliver- If someone has something that they think is important for the reviewers to know, even though it is late, send it to Lindemann to make sure we translate the impact of, and importance for, funding.
10. The meeting was adjourned at 2:13 PM EDT.

Minutes of the Coordinating Committee
National Animal Nutrition Program – NRSP-9
Conference Call – August 15, 2018 1:00PM EDT

Members present: Merlin Lindemann (Chair), Jack Odle, Don Beitz, Gary Cromwell, Ryan Dilger, Delbert Gatlin, Nancy Irlbeck, Todd Applegate, Carey Williams, Heidi Rossow

Administrative Advisors: Rick Rhodes

USDA/NIFA: Charlotte Kirk Baer

National Academies/NRC: R. Schoen

Chairman Lindemann called the meeting of the Coordinating Committee to order at 1:01 PM EDT.

1. Call to order; additions or changes to the agenda: There were no additions or changes.
2. Opening comments from Administrative Advisors – R. Rhodes: Rhodes thanked the group for the depth of responses provided to the NRSP Review Committee. Rhodes reported that a response from the review committee should be forthcoming by the end of this month. Rhodes reported that the federal landscape is very hard to predict right now.
3. Opening comments from USDA/NIFA – C. Kirk Baer: Kirk Baer reported that the Secretary of Agriculture recently informed USDA/NIFA that their offices may be relocated and their focuses re-aligned in the coming months. The offices may be moved out of the DC area. Kirk Baer reported that the reports of changes and particularly the location move are causing high anxiety. Kirk Baer noted that many in the agricultural industry as a whole have voiced, and will continue to voice concerns about the changes, and especially about the personal/individual impact the changes will have on the people that work at USDA/NIFA.
4. Update from NRC/NASEM – R. Schoen: Schoen stated that she is receiving a lot of correspondence related to the upcoming changes with USDA/NIFA. There is a concern that removing USDA/NIFA from the DC area will reduce the strength of the agency. Schoen also reported that a meeting was held at PSA in San Antonio regarding the poultry nutrient requirements revision project. A follow up to this meeting may be held at IPPE. Schoen

reported that the dairy group continues to be active. Lindemann will provide a summary list of reviewers to Schoen.

5. Minutes of the July 17 meeting: Names for those involved in the committee approval of the strategic plan were needed. Cromwell stated that he made the motion for acceptance, and Irlbeck stated that she seconded the motion. Jack Odle stated that the roll call should be corrected because he was not present on the call. On section 4 of the July minutes, Irlbeck was not spelled correctly. Beitz confirmed the dates needed to be added to the minutes for Summit 2019 are March 27 or 28 or April 2 and 10. Beitz moved to accept the minutes as amended, Irlbeck seconded and the motion passed.
6. Previous, ongoing, or old business items
 - a. Web site (Surface 51) updates and issues (<https://animalnutrition.org/>): Dilger reported that there are modeling database updates being worked through. He had a meeting with Surface 51 on feed composition and will have an update on that in the future. He is waiting for Surface 51 to confirm whether some upcoming needs are within the scope of the original quote. Dilger confirmed, in response to an inquiry, that Surface 51 is very good to work with.
 - b. ChalkLabs modeling of data for the GANN website – update: Lindemann reported that ChalkLabs has confirmed they are working and will be finished in a few weeks. Lindemann will confirm a finish date with them.
 - c. ADSA/ASAS Survey Review: Survey results were provided to the group for the workshop held at ADSA and the symposium held at ASAS.
 - d. NIH Zebrafish workshop – update: Gatlin reported that the workshop that was held July 30 - 31 was very productive. He estimated a couple of dozen attendees were there and that he has yet to see any feedback/follow up from the attendees, although he does expect feedback. Once received, he will forward to NANP for review. As far as next steps, Gatlin expects more workshops and potentially research groups to focus more on zebrafish nutrition.
 - e. Summit 2019 – Beitz: Beitz is recommending that Summit 19 be held at the National Press Club. The group agrees with that choice. Beitz has placed a tentative hold on dates in March and April. Beitz proposed Wednesday, April 10 as the primary date and Tuesday, April 2 as the secondary date. The group does not have an objection to the dates proposed. Beitz referred the group to updated program information he provided for review and discussion. The group gave Beitz feedback on potential additions to the program, as well as ideas for alternatives to the agenda or speakers in the event that proposed speakers are unavailable. Several people committed to provide Beitz with potential additions in the coming days (insect and aquaculture were mentioned), and

Beitz will provide a new program draft by the end of the month so that speakers can be confirmed.

7. Report from the Modeling committee - Rossow: Rossow reported that an advanced workshop proposal is being submitted for ADSA. Applegate noted that PSA prefers proposals be submitted by mid-September.
8. Report from the Feed Composition committee – Dilger: An in-person meeting is being planned for September in Omaha. Dilger will have more to report after that meeting.
9. New business items or updates
 - a. NANP Education Subcommittee – Lindemann reported that nothing will be implemented in the near term. Lindemann will ask the group for feedback on website development in the near future.
10. Closing comments from Administrative Advisors – Rhodes: No additional comments, but thanked the group for their work.
11. The meeting was adjourned at 2:12 PM EDT.

Minutes of the Coordinating Committee
National Animal Nutrition Program – NRSP-9
Conference Call – September 12, 2018 1:00PM EDT

Members present: Merlin Lindemann (Chair), Don Beitz, Gary Cromwell, Delbert Gatlin, Nancy Irlbeck, Carey Williams, Heidi Rossow

Administrative Advisors: Rick Rhodes

USDA/NIFA: Charlotte Kirk Baer

National Academies/NRC: Robin Schoen

Chairman Lindemann called the meeting of the Coordinating Committee to order at 1:01 PM EDT.

1. Opening comments from Administrative Advisors – R. Rhodes – We received a satisfactory NRSP review in large part to work done by Lindemann in providing supplemental material. The reviewers were impressed with the scope of new website, and the interaction with NASEM. He congratulated the group and advised that things will continue for the remainder of the project at the proposed level of funding.
2. Opening comments from USDA/NIFA – C. Kirk Baer - The new NIFA director Jay Angel starts on Oct. 29th. There are four-stake holder input sessions entitled NIFA Listens scheduled for input on important science priorities to focus on. October 11th – Hartford, Connecticut; October 18th – New Orleans, LA; October 25th - Minneapolis, MN; and November 1st - Albuquerque, NM. These are public meetings and you can submit input or attend on site meetings. The timeframe for the potential relocation of NIFA has not changed. Proposals for locations that want to be considered as a site for the agency are being accepted through a date in October.
3. Update from NRC/NASEM – R. Schoen - National Academies/NRC: R. Schoen – There are no major updates since last month. The board is still in discussion about potential upcoming changes with USDA/NIFA. The dairy revision committee is trying to have a meeting this fall and there is a conference call scheduled for the poultry revision committee.
4. Minutes of the August 15 meeting: Irlbeck moved to accept, Beitz second to accept as distributed. Motion passed.

5. Previous, ongoing, or old business items
 - a. Web site (Surface 51) updates and issues (<https://animalnutrition.org/>): Website is moving along, Dilger is at the onsite Feed Composition meeting and not on the call.
 - b. ChalkLabs modeling of data for the GANN website – update: Lindemann has been unable to get an update. He has multiple emails out to the company with no response yet.
 - c. Summit 2019 – Beitz – It is currently planned to have a one-day summit from 8-4:30. There are two rooms reserved at the National Press Club for April 10th but after a suggestion from Schoen she will reserve a room at the National Academy of Science, Engineering, and Medicine. Having the meeting at NASEM would allow the ability to webcast live to a larger audience. Beitz went over the proposed speaker list and topics and asked for additional input or suggestions. The Coordinating Committee is strongly encouraged to send suggestions to Beitz soon.

Beitz Action Items:

- Send the previous summit schedule to the committee for reference with the current list of speakers/topics and time allowed for each.
 - Develop a budget.
 - Make sure the programs support the goals of NRSP and highlights nutrition.
 - Consider highlighting 100 years of The Academy's involvement in nutrition.
 - Consider aquaculture as a topic area.
6. Report from the Modeling committee – Rossow - Since the nutrition methods database is tabled for now, N. Trottier wants to know if they want them to keep working and come up with something that is not so data intensive. An answer was not needed during the call but she wanted to relay the question to the committee.
 7. New business items or updates
 - a. We now have a soft account at Kentucky to receive any gifts from companies or commodity organizations.
 - b. We have received a draft agreement from NASEM relative to the use of requirement codes in a common interface. The agreement language is being reviewed by UK administration.
 8. Closing comments from Administrative Advisors – No additional comments.
 9. The meeting was adjourned at 2:25 PM EDT.