

Project Number: NC-213  
Project Title: Marketing and Delivery of Quality Cereals and Oilseeds  
Period Covered: February 23, 2001-February 22, 2002  
Date of this Report: February 22, 2002  
Annual Meeting Dates: February 20-22, 2002

Participants for NC-213 Business Meeting:

T. Arbogast, USDSA, ARS	C. Hurburgh, Iowa State Univ.	M. Montross, Univ. of Kentucky
K. Bender, Univ. of Illinois	K. Ilelegi, Purdue Univ.	S. McNeill, Univ. of Kentucky
A. Butler, Foss N.A.	E. Jones, Virginia Tech.	M. Paulsen, Univ. of Illinois
M. Casada, USDA, GMPRC	D. Koeltzow, USDA, GMPRC	Ram Rao, USDA, CSREES
O. Chung, USDA, GMPRC	B. Koshar, Ohio State Univ.	B. Smilgelski, The Anderson's
F. Dunkel, Montana State	D. Maier, Purdue Univ.	M. Tumbleson, Univ. of Illinois
		D. Wicklow, USDA, NCAUR

The meeting was opened by Mark Casada, chair of NC-213 for 2001-2002.

In the absence of the NC-213 coordinator Bill Ravlin, the chair reviewed items from a handout provided by the Coordinator's office. The summary is attached.

Dr. Ram Rao, National Program Leader, Food Science & Technology and CSREES/USDA administrative contact for NC-213 thanked the NC-213 group for its efforts and its multi-disciplinary work. He then proceeded to review the current CSREES administrative structure and expected funding for various USDA grant activities. Congress todate has not finalized the budget but the proposals are as follows: IFAFS (House \$145 million/year from 2003-2011; Senate \$130 million in 2002, \$220 million from 2003-2006), Integrated Authority (no changes), Competitive Grants (no changes though the President proposes doubling of funding to \$240 million/year). He stated that a portion of the Farm Bill 2002 IFAFS (401) funds ought to be going toward grain quality research undertaken by NC-213. He encouraged NC-213 to develop and submit a large multi-institutional grant proposal to IFAFS this year. He also shared that the Integrated Authority (406) emphasizes integration of research, extension and education. He encouraged smaller subteams of NC-213 members to develop proposals for the IA this year. Dr. Rao also emphasized the importance of stakeholder input to the development of future requests for applications (RFA). Section 103 (C)(2) of AREERA requires the USDA Secretary to *solicit and consider input on a current RFP* from persons who conduct or use agricultural research, extension and education for use *in formulating future RFPs*. NC-213 together with its industry stakeholders should take advantage of this opportunity in order to have an impact on the direction of future funding. Comments should be submitted to: Policy and Program Liaison Staff, Office of Extramural Programs, USDA-CSREES, Stop 2229; 1400 Independence Avenue SW, Washington, DC 20250, or via e-mail: OEP@reeusda.gov

Dr. Rao also discussed the importance of the NC-213 project rewrite process. The effort and its importance should not be underestimated. Also, approval of projects should not be taken for granted. Dr. Rao offered his assistance with respect to any questions or concerns NC-213 may have with respect to the rewrite effort. Mark Casada thanked Dr. Rao for his presentation and for attending the NC-213 annual meeting.

Mark Casada confirmed that the terms of the executive committee officers expire at the end of the annual business meeting. The officers for 2002-2003 are: Lloyd Bullerman, chair; Dirk Maier, vice chair; Marvin Paulsen, secretary; Mark Casada, past chair. At the 2003 annual business meeting we will need to elect a new secretary as Marvin Paulsen was elected a year ahead of time at the 2002 annual business meeting.

Mark Casada informed the group that the Objective B co-chair vacancy had been offered to Linda Mason, but that she had not yet accepted it.

Charles Hurburgh and Dirk Maier informed the group that the 2002 NC-213 Summer Workshop will be taking place in Ames, IA on June 10-12. The workshop will be held in conjunction with the regional GEAPS meeting. NC-213 will be co-sponsoring one educational session track on Wednesday, June 12 that will include five presentations. A room block in the Holiday Inn has been reserved under GEAPS for NC-213 participants. Charles Hurburgh provided a handout and reviewed the overall GEAPS program as well as the NC-213 sponsored educational track and organizational detail for the NC-213 Summer Workshop. Discussion ensued as to whether Monday afternoon (June 10) should be utilized for an Industry Forum to gather stakeholder input that is required as part of the NC-213 project rewrite proposal.

The group discussed plans for the 2003 annual meeting. It is to be held in early February to avoid a conflict with the Wheat Quality Council meeting in Kansas City (February 18-20). The intent was to also use the February annual meeting to formally approve the final draft of the NC-213 project rewrite proposal. [Note: Charles Hurburgh called Dirk Maier on February 27, 2002 to inform that the rewrite submission deadline is December 31, 2002.]

**Motion:** Dirk Maier moved to hold the 2003 NC-213 Annual Technical Meeting on February 5-7, 2003 in Indianapolis. Florence Dunkel seconded. The motion carried unanimously.

<p><b>Action Item:</b> The Coordinator's Office will handle the necessary meeting, meal and lodging arrangements for Indianapolis.</p>
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Mark Casada informed the group as to why the proposal submitted by Dr. Hill to organize the International Grain Quality Conference in 2004 on behalf of NC-213 was not approved by the Executive Committee. Discussion ensued as to the importance of active involvement and leadership by current NC-213 participants in the organizing of such a conference. Questions were raised as to which institutions should be involved in leading this effort, what kind of a budget would have to be available, whether such a conference is still a viable idea that should be pursued by NC-213, when the conference should be held (2004 is too soon now, 2005 or 2006 are more reasonable given the required planning effort), and that a symposium proceedings would be an important part of such a conference.

**Motion:** Bob Smigelski moved to appoint Dirk Maier, Tim Herrman and Karen Bender to form a steering committee that will develop a recommendation for consideration at the NC-213 2002 Summer Workshop as to whether NC-213 should organize an International Grain Quality Conference. Dan Koeltzov seconded. The motion carried unanimously.

**Action Item:** Dirk Maier, Tim Herrman and Karen Bender will develop a recommendation to NC-213 that will address (a) the purpose and scope of an International Grain Quality Conference, (b) its length, date and location, and (c) an organizing committee willing to spearhead the effort. This recommendation will be considered and voted on at the NC-213 2002 Summer Workshop.

Mark Casada informed the group that the Objective A co-chair vacancy may not need to be filled at this time depending on the rewrite effort. Some discussion ensued about the previous e-mail exchange about the purpose of Objective A and the current lack of participation by additional scientists.

Mark Casada shared with the group what the NC-213 project rewrite proposal must contain. In addition to the project description, the effort involves numerous e-form submissions. Discussion ensued that this project rewrite effort is an opportunity to refine and/or redirect the focus and objectives of NC-213. It was noted that our current objectives are essentially the same as when the group was first initiated as NCT-117. In the future we need to utilize a systems-oriented approach to the production, harvesting, handling, marketing and delivery of quality grains that needs to be reflected in the NC-213 project from a multi-disciplinary, multi-institutional, multi-functional perspective. We should position ourselves in the future to also more effectively respond to large RFPs such as IFAFS (previous NC-213 proposal efforts did not result in funding, and we need to look at the review comments and consider the concerns that were raised). Discussion also ensued about the need to either weed out inactive NC-213 research stations or to recruit new people to help address NC-213 envisioned new directions. There was consensus to develop a white paper with straw man objectives for the summer 2002 stakeholder meeting that will identify issues and outcomes for NC-213 project rewrite proposal. It was also noted that NC-213 involves several government agencies responsible for science-based regulations who are looking for NC-213 to lead relevant research efforts.

**Motion:** Mark Casada moved to appoint Charles Hurburgh and Eluned Jones to spearhead the NC-213 project rewrite team. Bob Smigelski seconded. The motion carried unanimously.

**Action Item:** Charles Hurburgh and Eluned Jones will recruit additional co-writers for the NC-213 project rewrite team, develop draft objectives and content for a white paper, and organize the NC-213 Summer Workshop Stakeholders Forum, which is planned for the afternoon of Monday, June 10, 2002 in Ames, Iowa.

[Note: Charles Hurburgh called Dirk Maier on February 27, 2002 to inform that the rewrite submission deadline is December 31, 2002.]

Discussion ensued about the scientific program of the NC-213 technical meeting. The call for papers process (as agreed upon at the 2002 annual business meeting) worked and we ended up with a full program that included excellent presentations. However, most speakers exceeded their assigned time slots significantly. Although the talks were limited to 15 minutes, they ranged from 11 to 29 minutes with most 18 minutes and longer. This caused the technical sessions to last until 5:30 PM and crowded the day. This also reduced the opportunity for discussion. There

was consent that the morning part of the program with the updates on funded Anderson Research Grants was well received and should be continued in future meetings. Concerns were raised over content, relevance and length of the presentations. It was agreed to screen the submitted topics more carefully and emphasize that presentations should focus on *new research data and the science behind it*. Also, see above Action Item under Executive Committee meeting minutes.

**Action Item:** The Coordinator's Office will continue to call for presentations but will submit all paper proposals to the NC-213 chair and objective chairs who will review the proposals, select the presenters and develop the technical program schedule.

Several suggestions were made to improve our NC-213 Annual Progress Report even more.

**Action Item:** The Coordinator's Office will include a "stakeholders list" (including name, job title, contact information) in all future annual reports, which consists of everyone who attended our annual technical meeting or our annual summer workshop.

The question was raised about the outdated NC-213 work plan that is still posted on the NC-213 website. Bill Koshar informed the group that in light of the current rewrite effort we do not need to update it.

Mark Casada adjourned the meeting at 10:50a.

Respectfully submitted by

Dirk Maier

Appended details are as follows:

Dirk Maier meant to share the following information with NC-213 members:

- The 8<sup>th</sup> International Working Conference on Stored Product Protection will take place in York, England from July 22 – 26, 2002 (see: [www.icscs.co.uk/iwcspp2002](http://www.icscs.co.uk/iwcspp2002)).
- The Grain Elevator & Processing Society (GEAPS) will be sponsoring a Grain Facility Design Conference July 27-31, 2002 in St. Charles, IL (see: [www.geaps.com](http://www.geaps.com)).
- The 6<sup>th</sup> National Stored Product IPM Training Conference will take place August 19-22, 2002 in Manhattan, KS (see: [www.GrainQuality.org](http://www.GrainQuality.org)).

#### **Post Meeting Updates On Action Items**

- Charles Hurburgh confirmed that the due date for the NC-213 project rewrite is December 31, 2002 (not March 2003). Thus, the 2002 Summer Workshop Stakeholders Forum should be utilized by NC-213 members to meet and review the initial rewrite draft.
- Mark Casada provided Lloyd Bullerman with an extensive list of suggestions as to how next year's technical program and schedule could be further refined and improved.
- Dirk Maier made contact with several U.S. and international organizations (Australia, Europe, South America, Mexico, Canada) while at the 2002 GEAPS Exchange in Vancouver, Canada to seek their feedback on the idea of an International Grain Quality Conference, all of whom have responded positively so far.
- Dirk Maier was asked by the Coordinator's office (with consent from the current and past NC-213 chairs) to serve as NC-213's representative to the Grain Quality Workshop, which meets annually (usually in Washington, D.C.).
- Marvin Paulsen volunteered to serve on the steering committee that will develop a recommendation regarding the International Grain Quality Conference.

## **NC-213 Annual Meeting/Winter Technical Session**

**Business Meeting – Friday, February 22, 2002**

### **Items from the NC-213 Coordinator's Office**

#### **Financial Status:**

The Anderson Endowment returns approximately \$200K/Year and supports Grants and Coordination. Grants Programs include the basic Research Grants and the new Team Competition.

#### **The Anderson Research Grant Program 2001-2003:**

Dr. Richard Stroshine, Purdue University

"Storability Measurement of Shelled Corn as a Means of Improving Stored Grain Management Practices and Preventing Losses." Period: June 1, 2002 - May 31, 2004. Funds: \$20,000/Year.

Dr. William F. Wilcke, University of Minnesota

"Using Temperature and Humidity to Control Indian Meal Moth Larvae in Stored Grain Facilities." Period: January 1, 2002 - December 31, 2003. Funds: \$20,000/Year.

Dr. Dirk E. Maier, Purdue University

(Continuation) "Implementation of Carbon Dioxide Monitoring for Early Detection of Grain Spoilage." Period: October 1, 2001 - September 30, 2002. Funds: \$20,000/One year only.

Dr. Florence V. Dunkel, Montana State University

Dr. Lloyd Bullerman, University of Nebraska-Lincoln

"Using Varietal Differences in Post harvest Insect Resistance of Northern Great Plains Hard Spring and Winter Wheat Varieties to Increase Profit Potential." Period: January 1, 2002 - December 31, 2003. Funds: \$15,850/Year One - \$16,975/Year Two.

Dr. Eluned Jones, Virginia Tech

"A Decision Support System for Mid-Atlantic Wheat Producers to Locate Value in the Supply Chain." Period: January 1, 2002 - ending December 31, 2003. Funds: \$20,000/Year.

#### **The Anderson Research Award:**

Dr. Marvin R. Paulsen, University of Illinois.

The Coordinator's Office wishes to extend a special "Thank you" to Tim Herrman for being the Chair of this year's Anderson Research Award Committee. Several NC-213 Members were approached to Chair the Committee. Tim went above and beyond the call of duty to assemble the Committee and to complete the process on time.

**NC-213 Annual Report of Progress:**

This year's Annual Report of Progress was completed and distributed (mail and web) on time as outlined in the Project Timeline.

**NC-213 Revision:**

**A re-write team needs to be identified now.** The revision should be submitted PRIOR to the March 2003 NCRA Meeting (December is when the reviewing committees prefer to have the materials), which would give plenty of time to make changes so that by the July 2003 meeting it could be approved (if needed). This would take the project up to the Termination date of September 30, 2003.