**Minutes of NC1034 Annual Meeting 3/16/2013**

The annual Business Meeting of NC1034 “Impact Analyses and Decision Strategies for Agricultural Research” was held in conjunction with the group’s annual research conference held in Tucson, Arizona March 24-25, 2017. The research conference theme was “Food, Energy, Environment, and Economics.” (see attached conference program below).

Twenty-four scholars attended the research conference. Along with presentations by regular NC-1034 members, the conference featured presentations from a number of Ph.D. students (see program and participants list below). As with the 2016, the number of graduate student participants was up from previous years.

**Business Meeting**

Report from Marshall Martin (Purdue) (project AA).

* NC-1034 was renewed from 10/01/2016 to 09/30/2021 after some revisions were made to the original proposal submission.
* There is the ongoing issue of whether, in the future, the group wants to continue to operate as an NC or a CC
	+ In response, some participants noted that their institutions would support travel to participate in an NC project, but not a CC project.
	+ There was general discussion about how to better document collaborative research efforts (as opposed to meetings where independent research findings are shared).
	+ There was also general discussion of past collaborative book projects as an integrating exercise. George Frisvold (Arizona) pointed out that the profession has moved somewhat from edited volumes to special journal issues. Several NC-1034 members have collaborated on organizing, editing, and contributing to these special issues. Perhaps more effort could be applied to making these special issues more inclusive to more participants.

Report from George Frisvold, NC-1034 president

* Much thanks to all who provided input to the project renewal proposal.
* Please give some thought in the future to how we may better document collaborative research activities (as opposed to just sharing of information).
* For the new project period, it is good to see that we have a new influx of younger faculty at the assistant professor level. This is good for NC-1034 in terms of bringing in new energy and ideas. It is also good for assistant professors as having a national reputation is a factor that is considered in tenure decisions. The more senior faculty know you and your work, the more people who can knowledgeably review your tenure packets.

General discussion

* Location of next conference
	+ Given that 2018 is (at least scheduled to be) a new farm bill year, there were suggestions about having the 2018 meeting in Washington, DC.
	+ Andy Schmitz noted that he regular participates in annual meetings of the Society for Benefit-Cost Analysis, which usually holds their meetings in March. He suggested that we might consider. He suggested that the NC-1034 meeting could be organized as a pre-conference workshop as part of those meetings.
	+ There was other general discussion about the benefits of having USDA people in to speak about and listen to research findings concerning new technologies such as CRISPR.
	+ It was agreed that the meetings should be held in Washington, DC with efforts to get USDA officials to attend.

Election of officers:

George Frisvold (Arizona) was nominated and elected to continue as project President

Meeting adjourned at 2:00 p.m.

***NC-1034 Conference Program, Lodge on the Desert, Tucson AZ, February 24-25, 2017***

**Friday, February 24**

7:30 – 8:15 a.m. Registration / Breakfast, Palm Room

8:15 a.m. Welcome, George Frisvold (University of Arizona)

8:30 – 10:00 a.m.

*Disease, Risk, and Technology: A Case Study of the Montana Seed Potato Industry*

**Kate Binzen Fuller** (Montana State University), Nina Zidack (Montana Seed Potato Lab), and Chris McIntosh (University of Idaho)

*The Grant and Surrender of Canadian Horticultural Crops Plant Breeders’ Rights Certificates: Survival Analysis in the Presence of Competing Events*

R. Carew (Agriculture and Agri-Food Canada), T. Meng (MIT) and **W. J. Florkowski** (University of Georgia)

*An Assessment of the Value of Information from On-Farm Field Trials*

**David Bullock** (University of Illinois) and Taro Mieno (University of Nebraska)

***10:00 – 10:30 a.m. Coffee Break***

10:30 – 12:00 noon

*Climate Change Impacts on US Agriculture: Accounting for the Option Value of Farmland in the Ricardian Approach*

**Ariel Ortiz-Bobea** (Cornell University)

*Decomposing Productivity and Profitability Change in U.S. Agriculture in a Multi-Input, Multi-Output Framework*

**Alejandro Plastina** and Sergio Lence (Iowa State University)

*Agriculture in the Atomic Age: Nuclear Testing, Radioactive Fallout and Distortions to U.S. Agriculture* **Keith Meyers** (University of Arizona)

***12:00 – 1:30 p.m. Lunch***

1:30 – 3:00 p.m.

*Sustainable Intensive Fish-farming: the Prospects of Aquaponics*

**Gal Hochman** (Rutgers University)

*Economic and Environmental Implications of Information and Biotechnology Adoption*

Jae-hoon Sung and **John A. Miranowski**

*Long-Term Tradeoffs between Private and Social Objectives in the High Plains Aquifer*

**Juan Sesmero** (Purdue University), Richard Perrin (University of Nebraska), and Lilyan Fulginiti (University of Nebraska), (University of Nebraska)

***3:00 – 3:30 p.m. Coffee Break***

3:30 – 5:00 p.m.

*Mischievous Trends: Hidden in Commodity Price Jumps, Linearizing Autoregressons*

Juan Bobenrieth (Universidad de Concepción), Eugenio Bobenrieth (Pontificia Universidad Católica de Chile), **Brian Wright** (University of California, Berkeley) and Di Zeng(University of California, Berkeley)

*Investing in People for the 21st Century: Education, Health, and Migration*

**Wallace E. Huffman** (Iowa State University)

**\*\* 6:30 p.m. – Dinner in the Catalina Room, Lodge on the Desert \*\***

**Saturday, February 25**

7:30 – 8:30 a.m. Registration / Breakfast, Palm Room

*8:30 – 10:00 a.m.*

*Empirical Estimation of University Knowledge Production Functions (KPFs) for Knowledge Outputs Disseminated via Publication, via Direct Industry Collaboration, and via Technology Transfer mechanisms*

**Yoo-Hwan Lee** and Greg Graff (Colorado State University)

*Not Your Mother’s GMOs: Intellectual Property and Regulatory Issues of Gene Editing in Agriculture and Food*

**Greg Graff** (Colorado State University) and David Zilberman (University of California, Berkeley)

*Wind versus Rain: Tropical Cyclone Losses under Climate Change*

Laura Bakkensen(University of Arizona), Doo-Sun Park (Seoul National University, **Raja Sarkar** (University of Arizona)

***10:00 – 10:30 a.m. Coffee Break***

*10:30 a.m. – 12:00 p.m.*

*Agricultural Policy Update*

**Vincent Smith** (Montana State University)

*Public Agricultural R&D and its Contributions to Agricultural Productivity*

**Wallace Huffman** (Iowa State University)

*12:00 – 2:00 p.m. Lunch & NC-1034 Business Meeting*

2:00 p.m. – Business Meeting adjourns

***NC-1034 Conference, Tucson AZ, February 24-25, 2017 List of Attendees***

**Kate Binzen Fuller** (Montana State University),

**W. J. Florkowski** (University of Georgia)

**Ariel Ortiz-Bobea** (Cornell University)

**Keith Meyers** (University of Arizona)

**David Bullock** (University of Illinois)

**John Miranowski** (Iowa State University)

**Brian Wright** (University of California, Berkeley)

**Gal Hochman** (Rutgers University)

**Juan Sesmero** (Iowa State University)

**Yoo-Hwan Lee** (Colorado State University)

**Greg Graff** (Colorado State University)

**Wallace E. Huffman** (Iowa State University)

**Vincent Smith** (Montana State University)

**Raja Sarkar** (University of Arizona)

**Richard Perrin** (University of Nebraska)

**Lilyan Fulginiti** (University of Nebraska)

**Weide Wang** (University of Arizona)

**Asumi Saito** (University of Arizona)

**Troy Schmitz** (Arizona State University)

**Andrew Schmitz** (University of Florida)

**George Frisvold (**University of Arizona)

**Marshal Martin** (Purdue University)

**Dari Duval** (University of Arizona)

**Ashley Kerna** (University of Arizona)