**Minutes of NC1034 Annual Meeting 6/12/2018**

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. This year the annual conference was held as a special Pre-Conference to the conference *Disruptive Innovations, Value Chains, and Rural Development* organized by the World Bank and the International Consortium for Bioeconomy Research and hosted by the World Bank in Washington, DC, June 12-15, 2018.

**NC-1034 Pre-Conference Participants**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Institution  | NC-1034 Project Participant | Pre-ConferencePaper Presenter | Main Conference Paper Presenter |
| Alston, Julian  | University of California, Davis | x |  |  |
| Frisvold, George  | University of Arizona | x |   | x |
| Graff, Gregory  | Colorado State University | x |   | x |
| Hochman, Gal  | Rutgers University  | x | x |  |
| Huffman, Wallace  | Iowa - Iowa State University | x | x | x |
| Khanna, Madhu  | University of Illinois | x | x |  |
| Lei, Zhen  | Pennsylvania State University  |   | x |  |
| Martin, Marshall | Purdue University | Administrator |   |  |
| Norton, George  | Virginia Polytechnic Institute and State University  | x | x |  |
| Ortiz Bobea, Ariel  | Cornell University | x | x |  |
| Plastina, Alejandro  | Iowa - Iowa State University | x | x |  |
| Pray, Carl  | Rutgers University |  | x  | x |
| Schimmelpfennig, David  | USDA/ERS  | x | x |  |
| Shoemaker, Robbin | USDA / NIFA | NIFA Rep |   |  |
| Smith, Vincent  | Montana State University | x | x |  |
| Sternberg, Peter | USDA/ERS |   | x |  |
| Wang, Sun Ling  | USDA/ERS | x | x |  |
| Zilberman, David  | University of California, Berkeley  | x | x | x |

In addition to regular NC-1034 participants the NC-1034 pre-conference workshops were well attended by scholars arriving a day early for the main ICABR Conference and also by members of the World Bank Young Scholars program that were participating in some other pre-conference activities that day.

***NC-1034 Pre-conference Workshop an Business Meeting Program***

**Session PC 01, 9:00 – 10:30 a.m.**
Location: [**Preston Lounge**](https://www.conftool.com/icabr2018/index.php?page=browseSessions&form_room=2&presentations=show)
Chair: **Prof. George Frisvold**, University of Arizona

**Agricultural Productivity Growth in China and the U.S. - A Bilateral Comparison**

**Sun Ling Wang1, Eldon Ball1, Richard Nehring1, Truong Chau2, Schicong Xu3**

1: USDA-ERS; 2: Pennsylvania State University; 3: Ohio State University

**The Educational-industrial Complex: The Case of California**

**David Zilberman1, Gordon Rausser1, Federico Castillo1, Greg Graff2, Ben Gordon1**

1: UC Berkeley; 2: Colorado State

**Effects of Ethanol Plant Proximity and Crop Prices on Land-use Change in the United States**

**Yijia Li1, Ruiqing Miao2, Madhu Khanna1**

1: University of Illinois; 2: Auburn University

**Session** [**PC 02,**](https://www.conftool.com/icabr2018/index.php?page=browseSessions&form_session=143&presentations=show) **11:00 a.m. – 12:30 p.m.**

Location: [**Preston Lounge**](https://www.conftool.com/icabr2018/index.php?page=browseSessions&form_room=2&presentations=show)
Chair: **Dr. Sun Ling Wang**, USDA ERS

**Drivers of Technical Change, Efficiency, Price- and Scale-Effects in U.S. Agriculture**

**Alejandro Plastina, Sergio H. Lence**

Iowa State University

**Growing Climatic Sensitivity of U.S. Agriculture Linked to Technological Change and Regional Specialization**

**Ariel Ortiz-Bobea1, Erwin Knippenberg1, Robert G. Chambers2**

1: Cornell University; 2: University of Maryland

**Institutional Design to Eliminate Waste in the Bioeconomy: The Case of Aquaponics**

**Gal Hochman1, Eithan Hochman2, Nadav Naveh2, David Zilberman3**

1: Rutgers University; 2: Hebrew University; 3: UC Berkeley

**NC-1034 Business Meeting 12:30 p.m. (meeting commences) – 1:30 p.m. (meeting adjourns)**

Location: [**Preston Lounge**](https://www.conftool.com/icabr2018/index.php?page=browseSessions&form_room=2&presentations=show)

**Session** [**PC 03, 1:30**](https://www.conftool.com/icabr2018/index.php?page=browseSessions&form_session=169&presentations=show) **– 3:00 p.m.**
Location: [**Preston Lounge**](https://www.conftool.com/icabr2018/index.php?page=browseSessions&form_room=2&presentations=show)
Chair: **Dr. David Schimmelpfennig**, USDA ERS

**A Study of Spatial Differentiation in Online Personal Health Realization of Agricultural and Non-agricultural Populations**

**Peter L. Stenberg** USDA

**Early-onset Patent Value Flows: Anticipation and Realization**

**Siwei Cao1,****Zhen Lei2, Brian Davern Wright3**

1: Beijing Normal University; 2: Pennsylvania State University; 3: UC Berkeley

**Economic Evaluation of Agricultural Research and Extension at the State Level: Example from Virginia**

**George Norton, Jeffrey Alwang, Zhen Cheng**

Virginia Tech University

**Session [PC 04, 3:00 – 4:30 p.m.](https://www.conftool.com/icabr2018/index.php?page=browseSessions&form_session=171&presentations=show)**

Location: [**Preston Lounge**](https://www.conftool.com/icabr2018/index.php?page=browseSessions&form_room=2&presentations=show)
Chair: **Prof. Gal Hochman**, Rutgers University

**Transactional Politics, Economics and Agricultural R&D Funding in the 2018 Farm Bill**

**Vincent Smith**

Montana State University

**The Expanding Use of Precision Data in U.S. Corn and Cotton Production**

**David Schimmelpfennig**

USDA ERS

**Technology and Innovation in World Agriculture: Prospects for 2019 to 2028**

**Wallace Huffman**

Iowa State University

NC-1034 Presented and co-authored several presented papers at the main ICABR Conference. A list of these presentations is below

**Disruptive Innovation & the Value Chain**

**David Zilberman**

UC Berkeley

**Time to Dare and Endure: Case Study of Macroalgae Two-stage Supply Chain with Co-products**

**Ruslana Rachel Palatnik1, Mikhail Freer2, David Zilberman3, Alexander Golberg4, Mark Levin5**

1: University of Haifa; 2: KU Leuven; 3: UC Berkeley; 4: Tel Aviv University; 5: Moscow School of Economics

**Maize Yield and Yield Gain in Leading Producing Countries: How Much has U.S. Developed Germplasm Contributed**

**John Stephen Smith1, Wallace Huffman1, Alan McCunn2**

1: Iowa State University; 2: DowPioneer

**Bio-energy Carbon Capture and Sequestration Technologies and Rural Development**

**Gal Hochman, Robert Kopp, Ken Miller**

Rutgers University

**Economics of CRISPR**

**Gregory D. Graff**

Colorado State University

**Mexican Fresh Tomatoes: Agribusiness Value Chain Contributions to The U.S. Economy**

**George Frisvold, Dari Duval, Ashley Kerna Bickel**

University of Arizona

**Private Sector Innovation for Agriculture**

**Carl Pray**

Rutgers University

**Did Public R&D Investments and Innovation Policies Increase R&D, Innovation and Productivity of Agribusiness Firms?**

**Yanhong Jin1, Tongpeng Deng1, Carl Pray1, Yaiyan Deng2**

1: Rutgers University; 2: Beijing Institute of Technology

**Evaluating the Impacts of Policy Change on Maize Varietal Development and Productivity in Sub-Saharan Africa**

**Latha Nagarajan1, Anwar Naseem2, Carl Pray2**

1: IFDC; 2: Rutgers University

**Understanding the Implications of New Meat and Meat Substitute Technologies on Consumer Decision Making**

**Amanda Lam, Morgan Murray, Harrison Blum, Kayleigh Torcivia, Yanhong Jin, Carl Pray**

Rutgers University

**Disruptive Technology, Consumers’ Trust in Scientists and Consumer Attitudes: A Case Study of Genetically Modified Food in China**

**Haiyan Deng1, Ruifa Hu1, Carl Pray2**

1: Beijing Institute of Technology; 2: Rutgers University

**Crop-Livestock-Forestry Systems Integration in Tropical Agriculture: Additional Comments**

**Ruben Echeverria1, Carl Pray2**

1: CIAT; 2: Rutgers University

**The Transformation of India’s Agricultural Input Industries**

**Latha Nagarajan1, Carl Pray2, Anwar Naseem2**

1: IFDC; 2: Rutgers University

**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.
* Although 2021 seems far off, the project mid-term review needs to completed in Fall 2018

Report from George Frisvold (Arizona), NC-1034 President

* With the current project approved until 2021, Frisvold announced he would be willing to continue in his current capacity as project president for one more year, but would like to hand off the leadership role to someone younger, who could bring new ideas and energy to the project.
* At George Frisvold’ behest George Norton (Virginia Tech), previously polled NC-1034 participants to (a) see if there was agreement (or not) in having Frisvold continue for another year and to get recommendations about who would take over as the president next year.

Nominating committee report of George Norton

* There was general agreement accepting Frisvold continuing for one more year. This was voted on and passed
* This was followed by general discussion of potential candidates. Gregory Graff (Colorado State) was nominated and elected by participants present. Frisvold said he would submit this year’s Minutes and Annual Report and help Graff with drafting next year’s reports. Graff would begin taking over the leadership of planning the 2019 NC-1034 Business Meeting and Research Conference.
* In the past, NC-1034 had a Secretary position that assisted the President, but this had fallen vacant. It was suggested that Kate Fuller (Montana State) would be a good candidate for this position. She was not present at the meeting, so George Frisvold said he would discuss the issue following the conference.

Other Business (2019 and future NC-1034 meetings)

* Participants liked having the NC-1034 meetings in the summer as a pre-conference this year and generally thought it would be good to try and repeat this model. A few people noted that the historical meeting dates of mid-spring often conflicted with other professional meetings.
* It was agreed that NC-1034 should try hold its meetings as a pre- or post-conference attached to the Agricultural and Applied Economics Association Annual (AAEA) Meeting in Atlanta, GA - July 21-23, 2019.
* Julian Alston noted that if NC-1034 could for as an AAEA Section a possibility it could make it easier and less expensive to get conference space.

1:30 Meeting Adjourned