Dear S-1041 Members,

Greetings:

We are glad to inform you all that we are looking forward to a great program this year in Albany, California. Here are some of the details regarding the meeting this year. We will be sending you updates in coming weeks and hope we have a great participation.

1. **Date and Time:** The 2016 S-1041 multistate committee meeting will be held on 8 and 9th August, 2016 at Western Regional Research Center, Albany, California.

2. **Student poster competition:** We will have a student poster presentation competition and recognize three best posters. All students who wish to participate in poster competition must submit a letter from their advisor indicating their current student status (no exceptions to this requirement).

3. **Registration fees:** A registration fee of $100 for all participating members payable by check to host institution. Registration will include lunch and tea/coffee for the two days of the conference and publication costs. All registrants will be provided with a copy of the proceedings.

4. **Symposium:** As we all discussed last year, we will be having a symposium on “Food, Energy and Water Nexus”. The organizing committee has been working very hard and we have a great lineup of speakers from producers, industry and policy makers.

5. **Outreach efforts:** Our committee members decided that we need to have a website to better communicate our results. Dr. Yebo Li, Ohio State Univ. has taken the lead to establish the S1041 website at: [http://www.oardc.ohio-state.edu/s1041/pageview.asp?id=3853](http://www.oardc.ohio-state.edu/s1041/pageview.asp?id=3853)

6. **Transportation to/from Albany, CA:**
   - **Airports:** Oakland (10 mi) and San Francisco (22 mi). No transportation will be provided to the registrants from the airports. Local transportation will be provided to and from hotels in vans.
   - **Hotels and Accommodations:** Best ones are located at the end of Bay Bridge. Hotels in Ameriville (4-5 miles for WRRC) and Berkeley (not preferred). There are no hotels in Albany. We will provide more information in next update.

7. **Deadlines:**
   a. April 15th, 2016: First notice of the meeting to Membership.
   b. July 10th, 2016: Poster abstracts and symposium papers due to Prof. Mike Tumbleson ([mtumbles@illinois.edu](mailto:mtumbles@illinois.edu)).
   c. Aug, 8-9th, 2016: S1041 Meeting

---

**Meeting Organizing Committee:** G.S. Murthy, Kent Rausch, M.E. Tumbleson, and Troy Runge  
**Host and Host Institution:** Dr. Bill Orts, Director, Western Regional Research Center, ARS, USDA, Albany, CA.  
**S1041 Executive Committee:** Chandra Theegala (Chair), Yebo Li (Vice chair) and Troy Runge (Secretary)
Tentative Agenda for S1041 Multistate committee meeting

Host and Host Institution: Dr. Bill Orts, Director, Western Regional Research Center, ARS, USDA, Albany, CA.

8th August, 2016 (Day One):
1. 7:45 am-8:00 am: Poster set up
2. 8:00 am -8:05 am: Welcome and introduction
3. 8:05 am -8:15 am: Opening remarks by Host institution representative
4. 8:15 am -8:20 am: Welcome and opening remarks by S-1041 liaison and USDA, National Institute of Food and Agriculture representative.
5. 8:20 am -8:40 am: Welcome and opening remarks administrative advisor for S-1041, USDA, National Institute of Food and Agriculture.
6. 8:40 am -9:00 am: Introduction of attendees
7. 9:00 am-9:45 am: Station reports
8. 9:45 am-11:00 am: Poster Session I
9. 11:00 am -12:00 pm: Business Meeting
   a. Old Business
      i. Approval/Additions of 2016 Meeting Agenda
      ii. Approval of 2015 meeting minutes.: Chandra Theegala
      iii. Progress on updates to S-1041 email list and station representatives contacts
   b. New Business
      i. Election of officers
      ii. Symposium topic for 2017
      iii. Other additional items for discussion
10. 12:00 pm - 1:00 pm: Lunch
11. 1:00 pm -5:00pm Facility Tours
    a. WRRC, USDA laboratories.
    b. DOE JBI laboratories.
    c. Additional facilities
12. GROUP DINNER

9th August, 2016 (Day Two): Symposium on “Water-Energy-Food Nexus”
1. 8:00 am: Introductory remarks and introduction of the speakers.
2. 8:10 am - 8:50 am: Speaker 1, 2 followed by 20 min Break
3. 9:10 am - 9:50 am: Speaker 3, 4 followed by 20 min Break
4. 10:10 am - 10:50 am: Speaker 5, 6 followed by 20 min Break
5. 11:10 am - 11:30 am: Speaker 7, 8
6. 11:30 am - 12:30pm: Lunch break
7. 12:30 pm - 3:15 pm: Research Presentations from WRRC researchers
8. 1:30 pm - 1:45 pm: Break
9. 3:15 pm - 3:30 pm: Break
10. 3:30 pm - 3:45 pm: Closing remarks and meeting adjournment
COPRODUCTS FROM CORN PROCESSING:
ENERGY, NUTRIENTS AND WATER

Kent D. Rausch, Ronald L. Belyea, Vijay Singh, Thomas E. Clevenger,
Matthew A. Wallig, David B. Johnston, Bruce S. Dien and M. E. Tumbleson
1University of Illinois, Urbana, IL 61801; 2University of Missouri, Columbia, MO;
3Eastern Regional Research Center, ARS, USDA, Wyndmoor, PA; and
4National Center for Agricultural Utilization Research, ARS, USDA, Peoria, IL
(217-265-0697) krausch@illinois.edu

Coproducts, including fuel ethanol and a range of biobased products, are produced in parallel with a primary product during processing. One fourth to one third of material exiting modern corn processes does not increase in value relative to original corn value (Rausch and Belyea, 2006).

The enzymatic dry grind process creates a germ coproduct with oil content similar to germ from wet milling and a distillers dried grains with solubles (DDGS) coproduct with reduced fiber and increased protein contents (Singh et al., 2005).

LITERATURE CITED

Background information for 2016 S-1041 poster abstracts due 10 July, 2016

Abstracts:
Please utilize:
Ragged right margin
12 font
Times New Roman
No hyphens at ends of lines

Forward, via e-mail, copies of poster abstracts to:
Mike Tumbleson mtumbles@illinois.edu
Agricultural and Biological Engineering
360D Agricultural Engineering Building
University of Illinois at Urbana-Champaign
1304 West Pennsylvania Avenue
Urbana, IL 61801 217-333-9786

Posters:
A one page abstract is required for each poster.
Poster board dimensions will be provided at a later date.
Poster boards, easels and poster pins will be provided.

Proceedings:
Each symposium speaker may have one to ten pages for the proceedings.
Kent Rausch, G. S. Murthy and Mike Tumbleson will edit, finalize format and prepare for printing the proceedings. The proceedings will have a title page, list of participating institutions, agenda, table of contents, poster abstracts and list of authors.

S-1041 Membership:
A draft of the list of participating institutions and contact individuals is included. Please make additions, subtractions and/or whatever to provide an up to date listing.
Participating Institutions

Administrative Advisor: William Brown
BCE, NIFA, USDA: Daniel Cassidy
National Agricultural Library: Peter Arbuckle
Auburn University: Oladiran Fasina
Clemson University: Terry Walker
Cornell University: Lindsay Anderson
Iowa State University: Buddhi Lamsal
Kansas State University: Donghai Wang
Louisiana State University: Dorin Boldor
Michigan State University: Carl Lira
Mississippi State University: Fei Yu
Montana State University: Chengci Chen
North Carolina State University: Stephen Kelley
North Dakota State University: Igathinathanh Cannayen
Ohio State University: Yebo Li
Oklahoma State University: Mark Wilkins
Oregon State University: G. S. Murthy
Pennsylvania State University: Ali Demirci
Purdue University: Bernie Tao
Rutgers University: Gal Hochman
South Dakota State University: Kasiviswanath Muthukumarappan
Texas A&M University: Sergio Capareda
University of Arizona: Joel Cuello
University of Arkansas: Julie Carrier
University of California, Davis: Ruihong Zhang
University of Hawaii: Samir Khanal
University of Illinois: Kent Rausch
University of Kentucky: Sue Nokes
University of Minnesota: Roger Ruan
University of Nebraska, Lincoln: Deepak Keshwani
University of Tennessee, Knoxville: Alvin Womac
University of Texas, Austin: Jonathan Chen
University of Wisconsin: Troy Runge
Washington State University: Bin Yang
West Virginia University: Kaushlendra Singh