**Poster Session & Informal Lunch**

11:30 a.m. – 1:00 p.m.
Beck Center Lobby

**Concurrent Sessions - I**
1:00 p.m. – 2:00 p.m.

Soybean phenomics research enhanced by the new Plant Science Initiative facilities (Rainey et al) - Rm. 117

ISA funded Risk Management efforts in the Center for Commercial Agriculture (Mintert/Boehlje/Langemeier) - Rm. 143

2:00 p.m. – 2:15 p.m. - Break

**Concurrent Sessions - II**
2:15 p.m. – 3:15 p.m.

Soybean Research: New Uses (Mosier) - Rm. 117

Weaner pig rations and soybean allergenicity (Radcliffe/Schinckel) - Rm. 143

**Wrap-up Comments**
3:15 p.m. – 3:30 p.m.

Marshall Martin, Founding Director, Purdue University Soybean Center - Rm. 143

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- Identification of Novel Resistance Genes to Phytophthora sojae in Soybean
- Impact of a endo 1,4 β-D Mannanase in nursery diets on two genetic populations of pigs selected for soybean meal allergic response
- Influence of Spray Water Quality on Herbicide Efficacy
- NAM Statistical Package for Nested Association Analysis
- Palmer Amaranth Control In Soybean
- Reverse genetic screening to identify mutations in candidate genes involved in carbohydrate metabolism in soybean seeds
- Revolutionizing Agronomic Notes in Variety Development of Soybean with UAVs
- Soybean Disease Management Extension Series
- Soybean Genetic Resource for Gene Discovery and Germplasm
- Understanding of the Molecular Regulation of Senescence in Glycine max
Registration and Welcome
8:30 a.m. – 9:00 a.m.
Beck Agricultural Center Lobby

Plot Tours
9:00 a.m. -11:30 a.m.
Agronomy Center for Research and Education (ACRE)

Stop 1: Bryan Young/Bill Johnson
The Herbicide-Resistant Weed Era

Stop 2: Shaun Casteel
Management Effects on Oleic Production

Stop 3: Karen Hudson
Molecular genetics of soybean seed development

Stop 4: Katy Rainey
Genetic improvement for increased yield

Stop 5: Jianxin Ma
New genomics tools for germplasm enhancement

Tour order subject to change based on field conditions.

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11:30 a.m. – 1:00 p.m.
Beck Center Lobby

- Changes in P Uptake and Partitioning in Soybean Cultivars Released in the Last 90 years
- Characterizing Glyphosate-Resistant Giant Ragweed Populations in Indiana
- DT2 regulate flowering and inflorescence architecture via DT1
- Effect of soy protein allergy on histologic measures of the jejunum and ileum
- Evaluation of nutritional traits of soy protein concentrate (SPC) in turkey poults
- Exploring Canopy Dynamic Parameters in the SoyNAM Population
- Gene Discovery Pipeline for Soybean Composition Traits
- Genetic Line Influence on Gene Expression in an Ex-Vivo Porcine Jejunum Model
- Genetics of high-stearic acid soybeans
- Green Processes for Soy Oil Processing to Polymers
- High Voltage Atmospheric Cold Plasma (HVACP) hydrogenation of soybean oil without trans- fatty acids

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