The ASTA Innovations Lounge is the newest addition to the CSS 2015 & Seed Expo! The lounge features a series of presentations on the latest products and services for the seed industry on Wednesday and Thursday during the convention.

This area will also include student poster presentations, the Future Seed Executives (FuSE) exhibit, tables for networking appointments, refreshments and much more. Be sure to visit on Wednesday and Thursday for a chance to win prizes including a $200 Visa gift card – and don’t miss the special kick-off of “Seed the Future” on Thursday at 11:30 a.m.!
New Colorant Technology Enabling Brilliant, Uniform, Seed Coatings for Unique Branding

Led by Shaun Mueller and the R&D team at Aakash Chemicals, the company is pleased to introduce a new line of colorants for the seed coatings industry. This product line, called Akasprout, is available in a variety of EPA registered colors and is formulated with unique polymers and colorants that enable superior color dispersion, uniformity, compatibility, and prevents agglomeration in seed coating systems. Additional benefits include improved water absorption and the prevention of dust off as compared to existing colorant systems in the market. The Akasprout range provides color brilliance and enables seed companies to differentiate their brand with a unique finish and healthy appearance. The products are manufactured in the USA and Aakash Chemicals is the only USA based supplier that is completely vertically integrated in the manufacturing of both color raw materials (pigments) and finished liquid color dispersions.

Aakash Chemicals & Dye-Stuffs, Inc. • 561 Mitchell Road, Glen Ellyn, IL, 60139 • United States • 630-469-3838

ALMACO Unveils the Revolutionary R1 Plot Combine Exceeding All Expectations!

The birth of a new revolution in the seed research industry has begun! The R1’s advanced rotary threshing design is up to 30% faster, gentler on seed, and greatly increases the harvest window allowing you to start earlier and finish sooner. The industry spoke and ALMACO listened! Join ALMACO Wednesday, 12th 9pm to 10:30am and Thursday, 12th 10am to 10am in the ASTA Innovation Lounge to learn more about the industry’s most advanced multi-crop plot combine equipped with state-of-the-art electronic systems. The time has come to join the revolution with ALMACO!

ALMACO • 99 M Avenue, Nevada, IA, 50201 • United States • 515-382-3506

Buckhorn Inc., the manufacturer that brought you the industry-leading CenterFlow® seed box, has developed a way to help seed manufacturers maintain their fleet by introducing the industry’s first mobile washing service. Buckhorn Services will bring our state-of-the-art cleaning technology to your location, assuring you the cleanest boxes in the industry. In this presentation, we’ll discuss how it all works, the features and benefits of this unique service and the efficiencies we’ve been able to achieve in our first year. Please stop by and check it out!

Buckhorn, Inc. • 55 West TechneCenter Drive, Milford, OH, 45150 • United States • 800-543-4454

China Golden Marker (Beijing) Biotech Co,Ltd (CGMB) is a leading Agro-biotech company located in Beijing, China. We offer services including high throughput SNP genotyping, Next Generation Sequencing, GMO testing, seed purity and authenticity test, germplasm resource innovation and evaluation, molecular breeding, Ag-in-IT and database management. We provide state-of-art molecular marker-based biotechnology services to the public and private breeding organizations worldwide. We strive to provide excellent services and consultation to the customers in order to enhance their scope and capacity in molecular breeding.

China Golden Marker • Floor 3, Building 1 Shongmingyuan Road 20, Changping, Beijing, 102206 • China • +86-10-68158888

The Bright Future of Sorghum

"In this presentation Dr. Scott Staggenborg, Chromatin’s Director of Product Portfolio & Technology Advancement, will discuss how Chromatin has adopted state of the technology to reduce the time required to develop new sorghum hybrids. Chromatin employs high throughput phenotyping and genotyping to rapidly identify desired traits in grain, forage and sweet sorghum. Dr. Staggenborg will discuss examples of these technologies and how Chromatin is implementing them into their sorghum improvement program."

Chromatin, Inc. • 10 South LaSalle Street, Suite 2100, Chicago, IL, 60603 • United States • 312-292-5406

Covariance Biosciences

Covariance Biosciences is a genotyping and sequencing service provider. We use our PlexSeq technology to support the seed industry through an array of services such as genetic purity, marker assisted selection, mapping and genotyping on a large variety of field and vegetable crops. PlexSeq uses a unique multiplexing and sample barcoding method to rapidly process large amounts of samples at a low cost. Please join us for an overview of PlexSeq at our presentation, Thursday December 10th at 11am on Stage A.

Covariance Biosciences • 11000 Cedar Ave, Suite 280, Cleveland, OH, 44106 • United States • 585-329-2796

Decagon Devices

Decagon Devices Inc. presents the TrueDry CV2, a moisture analyzer.

The TrueDry provides a nine sample, enclosed chamber. This allows for controlled temperature and humidity, something we call Controlled Contact Drying. Dry to a uniform 1% humidity with heated and desiccated air. A test can be set to finish after a set time, or when samples reach a constant weight. This takes the guessing out of testing for moisture. Decagon designs, manufactures, and markets scientific instruments. The applied research division focuses on measuring water, light, and heat in the soil-plant-atmosphere continuum.

Decagon Devices • 1132 W 1700 N, Logan, UT, 84321 • United States • 435-753-1881

DuPont Lumivia

"DuPont™ Lumivia™: an innovative seed applied insecticide with broad spectrum pest protection"

At DuPont, we think differently about seed treatments. The DuPont Seed Treatment Enterprise is a dedicated team focused on discovering and developing seed treatment products that enable industry-leading seed treatment concepts. DuPont™ Lumigen™ seed sense is our growing portfolio of seed treatment offerings and DuPont™ Lumivia™ is a seed applied insecticide with broad spectrum pest protection that will help growers to get more potential out of every seed.

DuPont Seed Treatment Enterprise • 8580 Nw 62Nd Ave, PO Box 7000, Johnston, IA, 50131 • United States • 816-309-2216

EnviroLogix

Application and Use of DNAble Isothermal DNA Technology in Seed Trait Development

EnviroLogix’ unique, patented isothermal DNA amplification and detection technology can be applied to high-throughput trait development applications. DNAble can yield over 120,000 data points in one eight-hour day, the equivalent of over three hundred 384-well plates (60 days worth of work), with a sensitivity and specificity equivalent to PCR. The assay can detect any reasonable DNA sequence in ~15 minutes with no time-consuming thermal cycling.

EnviroLogix Inc. • 500 Riverside Indl. Pkwy., Portland, ME, 04103 • United States • 866-408-4597

First - the Seed Foundation

First the Seed Foundation (FTSF) is a not-for-profit organization established in 2008 by ASTA to inform today’s consumers and tomorrow’s workforce about the importance of the seed industry. The foundation will be highlighting its Friday program, an outing to the Chicago High School for Agricultural Sciences, and introducing you to ASTA’s record number of student participants to lead into our FREE interactive student lunch reception inside the Seed Expo, called “Seed the Future.”

First - the Seed Foundation • 1701 Duke Street, Suite 275, Alexandria, VA, 22314 • United States • 703-837-8140

FuSE (Future Seed Executives) is the premier professional organization for seed industry employees with seven or less years of experience. As a subcommittee of the American Seed Trade Association’s (ASTA) Management Skills Committee, FuSE provides programming and development targeted to cultivating leadership skills, promoting networking, and improving seed business acumen. Come learn how FuSE can help your organization spark great careers in seed!