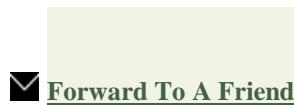


Discounts, Conference Calendar; 10 Excellent Reasons; On the Road; OBIC BioVan Visit; Conference and Webinar Reports

[View this email in your browser](#)



*Advanced Biofuels USA, a nonprofit educational organization, advocates for the adoption of advanced biofuels as an energy security, economic development, military flexibility and climate change solution.*



## Coming Advanced Biofuels Events

[Click on event for more information.](#)

[Scroll below news articles for details and special deals for Advanced Biofuels USA readers.](#)

### 2014

#### May

- [Elimu's Algae EMEA Summit 2014 May 20-21 Dubai, UAE](#)
- [F.O. Lichts's World Biofuels May 20-21, 2014 Seville, Spain\\*](#)
- [New Markets for Bioenergy Crops May 20-21, 2014 State College, PA](#)
- [A Question of Trust: 2014 Global Sustainability Standards Conference May 20-22 London, UK](#)
- [ILA Berlin Airshow 2014 May 20-25 Berlin, Germany](#)
- [Advanced Biofuels Symposium May 27-29, 2014 Ottawa, Ontario, Canada](#)
- [Renewable Technology Summit May 28-30, 2014 Lombard, IL](#)

#### June

- [10th International Conference on Renewable Resources & Biorefineries June 4-6, 2014 Valladolid, Spain](#)
- [Pan-American Congress on Plants and BioEnergy 2014 June 4 -7, 2014 Guelph, Canada](#)
- [\*\*International Fuel Ethanol Workshop & Expo June 9-12, 2014 Indianapolis, Indiana\\*\*\*](#) Scroll down for discount information.
- [\*\*Biochemicals and Bioplastics 2014 June 10-12 Düsseldorf, Germany\*\*](#)
- [\*\*Oleofuels 2014 June 11-12 Dusseldorf, Germany\\*\*\*](#)
- [Algae for Value Added Applications – 15 Years Down the Road – What Have We Achieved? What Technology Can Make It Work? June 12-13, 2014 Lisbon, Portugal](#)
- [4th International Conference on Algal Biomass, Biofuels and Bioproducts June 15-18, 2014 Santa Fe, New Mexico](#)
- [National SBIR Conference and the 3rd annual National Innovation Summit and Showcase June 15-19, 2014 National Harbor, MD](#)
- [Cleantech 2014 June 15-19 Washington, DC/National Harbor, MD](#)
- [EnergyPath 2014 June 16-20 Reading, PA\\*](#)
- [\*\*World Bio Markets Asia June 17-18, 2014 Kuala Lumpur, Malaysia\\*\*\*](#) Scroll down for special pricing
- [\*\*Platts 3rd Annual European Biofuels Conference June 17-18, 2014 Prague, Czech Republic\\*\*\*](#)
- [18th Annual Green Chemistry & Engineering Conference June 17-19, 2014 North Bethesda, Maryland](#)
- [\*\*2014 International Poplar Symposium VI \(IPS VI\) July 20-23 Vancouver, BC, Canada\*\*](#)
- [5th Congress of the International Society for Applied Phycology – ISAP 2014 June 22-27, 2014 Sydney, Australia](#)
- [\*\*22nd European Biomass Conference and Exhibition June 23-26, 2014 Hamburg, Germany\\*\*\*](#)
- [2014 BIO International Convention June 23-26 San Diego, CA](#)

- [Bioenergy and Bioproducts Education Programs: Delaware State University June 23-28, 2014 Dover, DE](#)
- [3rd International Conference on Biodiversity & Sustainable Energy Development June 24-26, 2014 Valencia, Spain](#)
- [Hansa Green Tour June 25-28, 2014 Netherlands, Germany, Denmark](#)

## July

- [Bioenergy and Bioproducts Education Programs: University MD Eastern Shore July 7-11, 2014 Princess Anne, MD](#)
- [Bioenergy and Bioproducts Education Programs: EcoComplex at Rutgers, The State University of New Jersey July 7-11, 2014](#)
- [Short Rotation Woody Crop Conference “Woody Crops: Production Alternatives for Multiple Uses” July 17-19, 2014 Seattle, WA](#)
- [Bioenergy and Bioproducts Education Programs: Pennsylvania State University July 21-25, 2014 State College, PA](#)
- [Bioenergy & Bioproducts Education Programs: Boyce Thompson Institute July 21-25, 2014 Ithaca, NY](#)
- [Bioenergy and Bioproducts Education Programs: West Virginia University July 21-25, 2014 Morgantown, WV](#)
- [Bioenergy and Bioproducts Education Programs: Cornell Cooperative Ext Dutchess County July 28-Aug 1, 2014 Millbrook, NY](#)
- [\*\*Biomass 2014: Growing the Future Bioeconomy July 29-30 Washington, DC\\*\*\*](#)
- [\*\*17th Annual Congressional Renewable Energy and Energy Efficiency EXPO + Forum July 31, 2014 Washington, DC\*\*](#)

## August

- [Bioenergy and Bioproducts Education Programs: Tri-State Workshop with OBIC- Ohio State, Purdue and Michigan State August 4-8, 2014 Indianapolis, IN](#)
- [\*\*6th Palm Oil Asia Summit August 13-14, 2014 – Jakarta, Indonesia\\*\*\*](#)

- [Collective Biodiesel Conference August 14-17, 2014 Pittsboro, NC](#)
- [2nd Oleochemicals Outlook August 26-27, 2014 Jakarta, Indonesia\\*](#)
- [20th Asia International Sugar Conference August 26-28, 2014 Yogyakarta, Indonesia](#)

## September

- [TCS 2014: Symposium on Thermal and Catalytic Sciences for Biofuels and Biobased Products September 2-5, 2014 Denver, CO](#)
- [World Sugar Expo 2014 September 3-4 Bangkok, Thailand](#)
- [Bioenergy from Forest Conference September 15-18, 2014 Helsinki, Finland](#)
- [F.O. Licht's Sugar Africa September 16-18, 2014\\*](#)
- [2014 Extension Energy and Environment Summit Sept. 23-25, 2014 Ames, IA](#)
- [7th Biofuels International Conference September 24-25, 2014 Ghent, Belgium\\*](#)
- [2014 Algae Biomass Summit September 29-October 2, 2014 San Diego, CA\\*](#)
- [7th European Forum for Industrial Biotechnology and the Biobased Economy September 30-October 2, 2014 Reims, France](#)

## October

- [Bioproducts World Showcase October 5-8, 2014 Columbus, OH\\*](#)
- [National Advanced Biofuels Conference & Expo October 13-15, 2014 Minneapolis, Minnesota\\*](#) Scroll down for discount information
- [Argus European Biofuels and Feedstocks Trading 2014 October 15-16 London, UK](#)
- [All-Energy Australia October 15-16, 2014 Melbourne, Victoria, Australia](#)
- [Export Exchange 2014™ October 20-22, 2014 Seattle, WA](#)
- [3rd International Frontiers in Biorefining Conference October 21-24, 2014 St. Simons Island, GA](#)
- [Lignobiotech III Symposium October 26-29, 2014 Concepcion, Chile](#)

## November

- [F.O. Licht's World Ethanol & Biofuels November 3-6, 2014 Budapest, Hungary\\*](#)
- [EcoChem November 11-14, 2014 Basel, Switzerland\\*](#)
- [Venice 2014 – Fifth International Symposium on Energy from Biomass and Waste November 17-20 Venice, Italy\\*](#)
- [Renewable Energy Latin American & Caribbean Conference & Exhibition \(RELACCx\) November 20-12, 2014 Fajardo, Puerto Rico\\*](#) Scroll down for discount information.

## December

- [F.O. Licht's Ethanol Latin America December 1-3, 2014\\*](#)

## 2015

### January

- [2015 Ag Connect Expo and Summit January 27-29, 2015 Indianapolis, IN](#)

## On-Going or Regularly Scheduled Events

- [Extension Programs: NewBio Webinars 2nd Tuesdays](#)
- [Ethanol Safety Seminars Various Dates, Locations– Responding to Ethanol Emergencies – Are you Prepared?](#)

Get more information on our home page: [www.AdvancedBiofuelsUSA.org](http://www.AdvancedBiofuelsUSA.org) and in our [Coming Events](#) and [More Coming Events](#) lists.

See also [CALL FOR PAPERS](#), a list of invitations to submit abstracts for presentations and posters.

\* Scroll down for more information.

# Telling YOUR Story: Requests for Speakers/Papers/Posters/Presentations

## Deadline May 2014

- [CALL FOR PRESENTATIONS: 2014 Asia Pacific Clean Energy Summit and Expo; Pacific Defense Energy Summit and Showcase; Islands Innovation Summit and Showcase September 15-17 Honolulu, HI DEADLINES: May 31](#)

## Deadline June 2014

- [CALL FOR ABSTRACTS: 64th Canadian Chemical Engineering Conference October 19-22, 2014 Niagara Falls, Ontario Canada DEADLINE: June 9, 2014](#)

## Deadline July 2014

- [CALL FOR PRESENTATIONS: BioCycle East Coast Conference 2014 October 27-30 Baltimore, MD DEADLINE: July 15, 2014](#)

## Deadline August 2014

- [CALL FOR SPEAKERS: 3rd International Frontiers in Biorefining Conference October 21-24, 2014 St. Simons Island, GA DEADLINE: August 31, 2014](#)

## Deadline Uncertain

- [CALL FOR ABSTRACTS: 3rd International Conference on Biodiversity](#)

[& Sustainable Energy Development June 24-26, 2014 Valencia, Spain](#)

[DEADLINE: uncertain](#)

- [CALL FOR SPEAKERS: Collective Biodiesel Conference August 14-17, 2014 Pittsboro, NC DEADLINE: uncertain](#)
- [CALL FOR SPEAKERS: World Biomarkets USA October 28-29, 2014 San Diego, CA DEADLINE: uncertain](#)
- [CALL FOR PRESENTATIONS: Lignofuels 2014 November 19-20 Madrid, Spain DEADLINE: uncertain](#)
- [CALL FOR SPEAKERS: Dupont Summit December 5, 2014 Washington, DC DEADLINE: uncertain](#)

[READ MORE](#)

## Earth Week Celebration: 10 Excellent Reasons to Transition to Sustainable Renewable Fuels



Advanced Biofuels USA recognized Earth Day by attending Biofuels Digest's Advanced Biofuels Leadership Conference (read more [here](#) and [here](#)) and by publishing **10 Excellent Reasons To Transition to Sustainable Renewable Fuels**, a one-page Earth

Week handout for use by civic organizations, church stewardship groups, environmental organizations, teachers, students and anyone interested in renewable transportation energy.

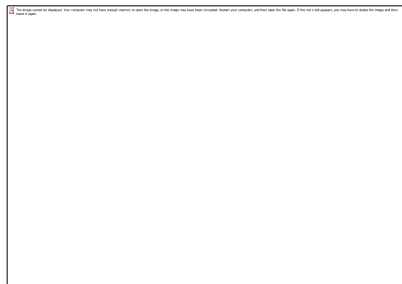
“By publishing this easy-to-understand handout, we are furthering this educational nonprofit’s mission to promote understanding, development and use of advanced

biofuels,” explained executive director, Joanne Ivancic. Instead of asking ‘why can’t we buy 100% renewable fuels for our vehicles TODAY?’ we pose the



question ‘why should we?’” We came up with **10 Excellent Reasons:**

1. **Climate Change** –Recycle carbon. Don’t release “new” carbon from its underground storage.
2. **Energy Security** – Peak Oil. We need to prepare for when oil runs out.
3. **Health Benefits** – Ethanol can replace carcinogenic aromatics, and substantially reduce harmful emissions.
4. **More Efficient Engines Require Biofuels** – Higher octane, higher ethanol transportation fuels. Engine manufacturers can maximize the efficiency of smaller, more efficient engines that utilize high combustion pressures and take advantage of other useful properties of ethanol. Cleaner, lower maintenance jet engines with renewable jetfuel. Less expensive maintenance for biodiesel hybrid buses.
5. **Environmental Benefits** – Avoid deep water drilling oil spills, destruction of habitat from tar sands or fracking.



6. **National Security** – Military do not have to protect feedstock sources or transportation routes of advanced biofuels.

7. **Jobs** – Advanced biofuel production creates local jobs in agriculture, forestry, waste management, engineering, science and biorefineries. Not to mention the jobs which support these with



food, shelter and services.

8. **Leadership in Science and Technology**– Historically, the basis of economic success. Advanced biofuels is today’s frontier.
9. **Keep your money at home!** – Do not spend your currency on foreign energy resources.
10. **Not Under Someone Else’s Control** – Lessen foreign energy providers’ power.

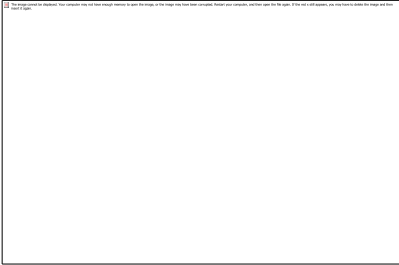
Advanced Biofuels USA enjoys a world-wide audience. These reasons apply regardless of borders, in any part of the world.

The handout is available in the Statements and Handouts section of the [www.AdvancedBiofuelsUSA.org](http://www.AdvancedBiofuelsUSA.org) website and as a [PDF](http://advancedbiofuelsusa.info/wp-content/uploads/2014/04/10-Excellent-Reasons-to-Transition-to-Renewable-Fuels-14-0418.pdf) at <http://advancedbiofuelsusa.info/wp-content/uploads/2014/04/10-Excellent-Reasons-to-Transition-to-Renewable-Fuels-14-0418.pdf>

## **Featured Educational Materials:** ***Pennsylvania's Daniel Boone High School's Green Team Algae Project***



**Sid Harwood** and **Shannon Helzer** both have a military background, both are physics teachers at **Daniel Boone High School** in Birdsboro, PA, and both are committed to the success of the Go Clean, Go Green, Go Algae Project that developed biodiesel from algae. The similarities between these leaders of the “Green Team” appear to end there, and that is exactly what they would like other teachers to know who are considering setting up an algae project for their own school.



**Pamela Rockwell** has worked as a scientist for more than 20 years, and has tried her hand at teaching, as well. Bringing these two interests together, she will be covering educational events and working with Advanced Biofuels USA on educational projects.

Her look at Daniel Boone High School's Green Team (*shown above at the Washington, DC, US Department of Energy Bioenergy Technologies Office; here and below giving a presentation to the Pennsylvania state Senate Environmental Resource Committee*) not only tells the fascinating story about one school's nationally-recognized work; but also provides the insiders' view, first from the



teachers' perspective; and, soon to come, through the eyes of the students.

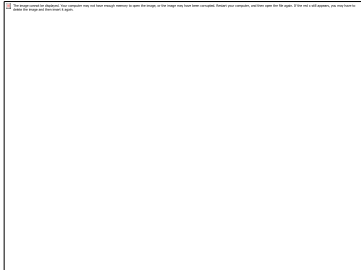
What do the teachers know now that they wished they had known at the onset? What do they want other potential teachers to know before they set up their own projects? These were the questions put to the teachers and students of the Green Team.

Here's one tip: Allow time for the students' learning curve. "We knew that starting with algae out of the local ponds was not the way to go, but we had to let the students take the lead from the start, and wait for them to see the results unfold. It would have been faster and easier for them to begin from where WE judged to be the best starting point and proceed according to OUR best judgment, but it would never have generated the kind of confidence they earned by learning from their own mistakes," remarked Helzer. "They figured it out and then applied what they had learned to a more appropriate algal species. – Their hard work wasn't lost."

[READ MORE to find their extended answers.](#)

## On the Road: Conference Reports

### *Biofuels Discussions at Annual China International Bioenergy and Biomass Utilization Summit*



**Stefaniya Becking** continues her international reporting for Advanced Biofuels USA traveling to Shanghai, China to cover the Annual China International Bioenergy and Biomass Utilization Summit April 23-15.

She reports, concerns about air pollution in China were voiced by a number of speakers at the summit which drew 500+ delegates took to Shanghai. At this conference, energy derived from biomass was promoted as a way to improve air quality in China by replacing some of the energy derived from coal.



The interest in biomass as an energy source is not surprising since biomass is the 4th largest energy source after coal, oil and natural gas. At the conference, **Heinz Kopetz**, President of World Bioenergy Association (WBA), presented statistics on global supply of energy and bioenergy.

**Qi Xie**, Principal Investigator at the Institute of Genetics and Developmental Biology of the Chinese Academy of Sciences reported that “sweet sorghum [*Sorghum saccharatum*] is interesting since some soils in China are alkaline [clay soils with pH > 8.5], and sorghum is able to grow in those soils.”

A representative from the Institute of Nuclear and New Energy Technology in Tsinghua University (Beijing, China) also expressed interest in adopting sweet

sorghum as an energy crop in China, citing the crop's properties: "sweet sorghum absorbs cadmium and other heavy metals, grows on marginal, alkaline, saline and dry land."

**Xueqin Zheng**, Professor at the Chinese Academy of Tropical Agricultural Sciences, presented results of his breeding project on improving yield for the *Jatropha curcas* tree. Zheng stressed that using *jatropha* based bio-jet fuel results in 75-80% less carbon dioxide emissions and no emissions of sulfur dioxide, which can "help the haze issue in China."

**Wang Shuyang**, Director of Bioenergy Technology Engineering Center at Northeast Forestry University (Harbin, China), commented on another innovation that helps with the high cost of collecting feedstock material such as straw--combines.

On the biofuel production side, **Yi-Feng Chen**, Professor at Biotechnology Institute of Jiangsu Academy of Agricultural Sciences (Nanjing, China), presented research results for a way to make a microalgal biodiesel refinery profitable. [READ MORE details about these presentations here.](#)

*In the photo, from left to right: Cheng Zhaopeng / Shanghai Wenyuan Environment Technology; Bill He / Marketing Director at Vogelsang Mechanical Engineering; Stefaniya Becking /Advanced Biofuels USA; William Wei / Vogelsang Mechanical Engineering; Richard Guo / Director at Suzhou Engineering Research Center for Biomass Energy*

---

***Finland Rises up from Its Economic Crisis with Bioeconomy***



**Aino Siirala** reports from her native Finland on discussions about the future and promise of developing a bioeconomy as a strategy to raise that country and Europe from the economic doldrums.

She reports that the seminar, sponsored by Benet Oy, started by reviewing the bioeconomic strategies of Europe and Finland, which seemed to have rather similar contents. Both strategies were targeting, for instance, creating new business activity and increasing employment by developing products and services based on renewable natural resources. **Liisa Saarenmaa**, the deputy head of a department in the Finnish ministry of agriculture and forestry, noted that the bioeconomy strategy of Finland is its growth strategy. Bioeconomy is a way to raise Finland from its economic crisis.

After the first half of the seminar she sensed many were concerned that the strategy of Finland will remain “just talk.” Now, she writes, after completing the strategy, is the time to take concrete steps. Are there enough small and medium-sized companies with the courage to take risks? Will they get investments and are they able to penetrate the jungle of licenses?

This fear was also brought up in the comment speech of **Juha Sipilä**, the chairman of the Centre Party. She reports on a perception that Finland invests in research but is lacking business spirit. [READ MORE insights about this developing bioeconomy here.](#)

---

***Opportunities and Synergies of the 2014 Bioproducts World Showcase and Conference (BWSC) and Taking the Next Step: The Growing Production of Bio-Based Chemical Intermediates Enables New Opportunities***



**Milsa Vijayadharan** exercised her interest in bioproducts by covering two recent webinars on the topic. Ohio State University's OBIC hosted a webinar on Bioproducts World Showcase & Conference on April 25th 2014, with

presenters from UbiFrance, Emery Oleochemical, Bio-Fiber Solutions International, Ohio Soybean Council and USDA Rural Development.

The presenters commented on consumers' weak knowledge of biobased products, and strong interest in them. They agreed that consumer education and promotion of biobased products will help people to choose biobased products. The 2014 Bioproducts World Showcase & Conference which will be held on October 5-8, 2014 in Columbus, Ohio, with participation of all the presenters, will shine a bright light on the bioproduct industry. Biobased product manufacturers will get a chance to tell their stories. Biobased material producers will be able to get their materials to biobased product manufacturers and to the conventional product manufacturers.

[READ MORE](#)

She brings us a more technical look at bioproducts in her coverage of Luxresearch's March 4th 2014, webinar about new opportunities for downstream producers due to the growing production of bio-based chemical intermediates. Presenters pointed out that first generation sugar will remain the dominant feedstock, however, bioproducts from next generation sugars need investment in the value chain now.

She reports that with all the advancements in the production of bio-based chemical intermediates and applications, bio-based chemical manufacturing is here to stay. Factors determining the success of bio-based chemical markets is the same as that for traditional chemical producers. Both require affordable feedstock, efficient processes and ready customers. Volatility of petroleum based feedstock and

increasing demand from consumers and brand owners for more sustainable products present bio-based chemical companies with clear routes to market with demand having a high chance of growth in the coming years. [READ MORE details of the presentation, including specific intermediates and their producers.](#)

---

### ***Advanced Biofuels Leadership Conference Exhibits Rumbblings of Discontent Amid Some Positive Notes***



**Joanne Ivancic's** reports on *Biofuels Digest's* annual Advanced Biofuels Leadership Conference explored a new level of criticism aimed at the Obama administration and its lack of enthusiastic support, not to mention perceived undermining, of advanced biofuels development and deployment.

Except for the Department of Defense, especially the Navy (*Chris Tindal, Deputy Director for Renewable Energy, Department of the Navy Energy Office in photo*), and the US Department of Agriculture (*Harry Baumes, Director, Office of Energy Policy and New Uses at USDA in photo*), administration leaders seem to have dropped their interest in "replacing the whole barrel," focusing instead on the fossil



fuel elements of the "all of the above" status quo policies.

She reported that Advanced Biofuels Association's executive director, **Mike McAdams** did not pull punches about the administration staff's inability to understand financing of advanced biofuels projects and inability to appreciate the multi-billions of dollars of private investment which have been insulted and endangered by recent policy activities.

That the Environmental Protection Agency would ignore the existence of real advanced biofuel production as they develop the renewable volume obligation numbers related to the Renewable Fuel Standard and would increase greenhouse gas emissions contrary to the intent of the Clean Air Act legislation seemed beyond comprehension unless, as many there were starting to appreciate, this administration seeks to undercut the achievements of the Clean Air Act rather than to further them.



Talk during the presentations and in the hallways speculated that the energy policy of this administration is “cheap gasoline at all (environmental, social and economic) costs.”

On a more positive note, she reported on the inspirational impact of Truman National Security Project's executive director, **Michael Breen's** (*pictured here*) opening remarks on the second day of the conference. He reinforced reasons for people to keep striving against steep odds to design, produce and deploy home-grown renewable fuels and bio-based products. [READ MORE analysis here](#) and [here](#).

*Photos by J. Ivancic*



## **2nd International Symposium on “Sustainable Science, Technology, Human Health and Environment for a Global Society” Brings International Scientists to Baltimore, MD**

During this two-day event, scientists and professors



gathered on **Coppin State University's** campus to discuss the latest innovations in their respective fields, participated in workshops, and attended technical presentations.

The wide range of topics demonstrated consciousness of the links and interdependence of four scientific research topics in hopes that cross-fertilization resulting from bringing experts in these fields together could lead to a better understanding and knowledge of science, technology, human health and environmental issues.



**Dr. Jamal Uddin**, the organizer of the symposium, finds this vital not only to protect our fragile environment, but also to ensure it is safe and healthy for present and future generations.

**A**dvanced Biofuels USA's information table, located at the poster session attracted attention from Coppin State students as well as from the international gathering of scientists.

*Photos by J.Ivancic*

**Future Events: Come Visit Us!**

## Advanced Biofuels USA Co-Hosts US Department of Energy Biomass 2014: Growing the Future Bioeconomy



On July 29–30, 2014, Advanced Biofuels USA will manage the exhibit hall for the U.S. Department of Energy's Bioenergy Technologies Office (BETO) seventh annual conference—Biomass 2014: Growing the Future Bioeconomy at the Washington Convention Center. [Click here for links to application forms, exhibitor and sponsor information and links to the Department of Energy website for agenda and](#)

[registration details.](#)

As in past years, this conference will bring together top government officials and members of Congress—with industry leaders and experts from across the bioenergy supply chain—to continue ongoing dialogue about the critical challenges and key opportunities for the industry.

This year, the event will focus on recent success stories and practical advice and information about innovative technologies, priority pathways, financing strategies, outreach, marketing, market developments and public policies needed to grow the bioeconomy of the future.

Recognizing the key role of co-products such as biochemicals, bioproducts, precursors and intermediates, this conference offers perspectives crucial to developing a robust bioeconomy including biofuels and so much more.

Please contact the [Biomass 2014 Support Team](#) with any questions regarding the conference.

### WANT TO EXHIBIT OR SPONSOR?

If you are interested in exhibiting or sponsoring a break, breakfast or Day 1 reception, contact Advanced Biofuels USA. [Click here](#) for more information. [Click here](#) for prospectus.

\*\*\*\*\*

Keep up with the latest developments on [federal legislation](#) related to advanced biofuels via our web site. [READ MORE](#)

---

## EnergyPath June 16-20 at Albright College in Reading, PA



Meet Advanced Biofuels USA's summer intern, **Olatomiwa Bifarin** who will take part in the whole week of activities.

**ALBRIGHT COLLEGE**  
**READING, PA**  
**JUNE 15-20**

And, stop by the Advanced Biofuels USA booth during the Thursday and Friday conference to meet **Pamela Rockwell**, talk about educational activities and gather more

[energypath2014.org](http://energypath2014.org)

information. You can also participate in an interactive introduction to advanced biofuels session lead by **Joanne Ivancic**. See you there.

[More information below.](#)

## Fun Stuff!

### *OBIC BioVan Visits Advanced Biofuels USA Office in Frederick, MD*



Ohio State University's OBIC BioVan stopped at the Advanced Biofuels USA office as part of the Sustainable World Tour.

On this trip, OBIC Bioproducts Innovation Center Director Denny Hall and Dustin Homan, Program Director for Bioproduct Education, started their trip at the BIO conference in Philadelphia. They visited with US Department of Energy officials in Washington, DC; then stopped in Frederick, Maryland, on their way back to Ohio in their E85-

fueled Ford flex-fuel van.



The OBIC BioVan takes educational programs and materials about bioproducts and building a sustainable world to schools, shopping centers, conferences and more. Contact [OBIC](#) for more information.

Visit Advanced Biofuels USA at OBIC's Bioproduct's World Showcase & Conference in October in Columbus, Ohio. [See below for more information.](#)

*Photos: top, from left; Bob Kozak, President of Atlantic Biomass Conversions and Treasurer of Advanced Biofuels USA; Denny Hall; Dustin Homan. Bottom: Denny Hall. Photos by J. Ivancic*

## Upcoming Advanced Biofuels Conferences and Activities: Details, Discounts, Deals

### ***F.O. Licht's World Biofuels May 20-21, 2014 Seville, Spain***



Organised by F.O. Licht and Focus-Abengoa, World Biofuels 2014 is one of the most important fixtures in the biofuels calendar. A dynamic and highly authoritative global biofuels conference, the 2 days in Seville are dedicated to giving you the inside line on the most pressing issues facing biofuels in Europe and across the globe.

Policy makers and industry leaders are gathering in Seville this May 23-24 to tackle the issues at the heart of the biofuels industry and answer some tough questions.

World Biofuels 2014 is an essential event for anyone involved in the ethanol, biodiesel and energy industries. The coming years could be tough for the biofuels industry – and World Biofuels is designed to ensure that you have the best chance possible of remaining competitive.

With a focus on advanced biofuels, the 2014 programme will feature biofuel experts from around the globe assess the role and impact of Government policy, the technical and economic supply of biomass and the drivers of technological innovation. [READ MORE](#)

---

### ***International Fuel Ethanol Workshop & Expo June 9-12, 2014***

#### ***Indianapolis, Indiana***



Now in its 30th year, the FEW provides the global ethanol industry with cutting-edge content and unparalleled networking opportunities in a dynamic business-to-business environment. The FEW is the largest, longest running ethanol conference in the world—and the only event powered by Ethanol Producer Magazine. [READ MORE](#)

**Use discount code: ABUSA250 to receive the \$250 off full registration!**

---

## ***Oleofuels 2014 June 11-12 Dusseldorf, Germany***



**OLEOFUELS 2014**  
11-12 June  
Düsseldorf, Germany

Oleofuels 2014 is the progression of ACI's highly successful European Biodiesel series of events which ran from 2008-2013. The change of name reflects the fact that the event will now cover all fuels made from oils & fats including biodiesel, HVO & bio jet as well as take a more global view which is key especially when it comes to certain feedstocks.

The two day conference will bring together the leading executives and experts from across the entire value chain for two days of informative presentations, interactive discussion & excellent networking opportunities.

During the afternoon of Tuesday 10th June 2014, a limited number of conference attendees will receive the unique opportunity to attend a site visit to Petrotec's biodiesel plant in Borken, about an hour's drive from Düsseldorf. [READ MORE](#)

---

## ***EnergyPath 2014 June 16-20 Reading, PA***

**energypath2014**  
Convergence

**ALBRIGHT COLLEGE**  
READING, PA  
JUNE 15-20

[energypath2014.org](http://energypath2014.org)

EnergyPath is the region's largest sustainable energy event attracting industry professionals, policymakers and academia throughout the region and across the United States. The goal of EnergyPath is to increase the knowledge of and passion for sustainable energy in the leaders of today and tomorrow.

This year's conference will focus on how the interaction between energy producing, conversion, and management technologies is changing the energy industry and can provide safe, affordable, reliable and sustainable energy.

The week-long event will be held at prestigious Albright College in Reading, PA.

Energy Camps June 16, 17, & 18  
Conference and Expo June 19 & 20  
Science Fair June 20

The Energypath event is comprised of a conference and exposition on Thursday June 19 and 20 with the Keynote Dinner on the evening of June 19. In depth hands-on energy camps precede the conference on June 16, 17 and 18. Science Fairs for middle school and high school students and held the morning of June 20.

Due to the generosity of the many program sponsors, [scholarships](#) are available for secondary educators, professors and college students to attend Energypath 2014: Convergence. [READ MORE](#)

---

### ***Platts 3rd Annual European Biofuels Conference June 17-18, 2014 Prague, Czech Republic***



Reassessing strategies in an evolving biofuels landscape

Platts 3rd annual European Biofuels Conference returns this year in the new location of Prague, featuring greater content and even more networking opportunities. This focused event assembles the industry's leading producers, refiners, feedstock suppliers, traders and analysts, and will provide a unique and comprehensive overview of the European and international biofuels markets, including developments in first and second generation fuels, changes in EU requirements and the outlook for 2020.

Why attend:

- Receive a comprehensive overview of European biofuel's current strengths and future competitiveness from the key industry leaders

- Understand the challenges for Biofuels in the context of changing legislations and policies
  - Assess the development of trade flows, feedstock options and capacity outlook
  - Gain further insight on key market developments in the U.S., South America and Asia, and their effect on Europe [READ MORE](#) **Ask for the 15% Advanced Biofuels USA discount.**
- 

### ***World Bio Markets Asia June 17-18, 2014 Kuala Lumpur, Malaysia***



World Bio Markets Asia, 17-18 June 2014, Kuala Lumpur, Malaysia, is the first Asia-based international event looking at upstream development and conversion technologies in the Asian bio-based markets both in the bio-based fuels and chemicals markets.

With enriched and abundant feedstock resources and growing consumer demand for bio-based products there has not been a better time to develop the Asian bio-economy and promote the bio-based market opportunities across the region. World Bio Markets Asia will bring together the most influential thought leaders and decision makers from across Asia's bio markets and beyond to create a one-stop-shop for education and networking.

Stay one step ahead of the region's bio-based activities at World Bio Markets Asia as the market grows to become an increasingly important part of the global matrix.

[READ MORE](#) **Use discount code ADVBIO for special pricing.**

---



## ***European Biomass Conference and Exhibition June 23-26, 2014***

### ***Hamburg, Germany***



The European Biomass Conference and Exhibition (EU BC&E) ranks as one of the top world leading events in the Biomass sector, combining a highly respected international Conference with an Industrial Exhibition. It highlights progress in research, technological development and production processes and brings together all key specialists to make it the most important international platform for dialogue between research, industry, research and industry, and policy in the biomass sector.

This event is supported by European and international organizations such as the European Commission, UNESCO - United Nations Educational, Scientific and Cultural Organization, Natural Sciences Sector, EUBIA - the European Biomass Industry Association, WCRE - the World Council for Renewable Energy and further organisations.

The Technical Programme is coordinated by the European Commission, Joint Research Centre. [READ MORE](#)

---

## ***Biomass 2014: Growing the Future Bioeconomy July 29-30***

### ***Washington, DC***



Advanced Biofuels USA, co-hosting with the U.S. Department of Energy's Bioenergy Technologies Office, invites you to Biomass 2014: Growing the Future Bioeconomy. This year's conference will be held July 29-30, 2014, at the Washington, D.C. Convention Center, in downtown Washington.

Sponsoring or exhibiting at Biomass 2014 is a great platform to raise your organization's profile and highlight your position as a key leader in the field of bioenergy and associated bioproducts.

Biomass 2014 will examine the dynamic fields of bioenergy and bioproducts in 2014. As exciting new technologies move forward within a shifting policy and economic landscape, the conference will provide an excellent forum to increase the visibility of your company with bioeconomy policy decision-makers.

Biomass 2014 boasts a new emphasis on attendee interaction with federal agency staff, more focus on practical tips and insights on interacting with budget-conscious federal agencies and strategies to not only survive, but thrive in a more market-focused world while also implementing important energy efficiency and renewable energy federal policies and personal values.

Last year's conference had 500 registrants and featured keynotes from Secretary of Energy, Dr. Ernest Moniz; Secretary of Agriculture, Tom Vilsack; Senator Chuck Grassley (R-IA); John Garamendi, U.S. House of Representatives (D-CA); Margo Oge, formerly the Director of the Office of Transportation and Air Quality and many other energy policy and development leaders. We are planning on 600 attendees for this year.

Planned again at a premier downtown location close to the DC METRO subway system and newly connected to the Marriott Marquis Conference Center Hotel, Biomass 2014 promises to be one of our best biomass conferences yet. [READ MORE](#)

---

***6th Palm Oil Asia Summit August 13-14, 2014 – Jakarta, Indonesia***



"Improving Yields/Productivity into the Next Generation"

Key Highlights

- Sustainable yield improvement through replanting
  - New Planting Materials
  - Drought Management
  - Revisiting RSPO and harmonizing the various certification schemes – ISPO/RSPO/ISCC
  - Experiences from South America and Africa [READ MORE](#)
- 

## ***2nd Oleochemicals Outlook August 26-27, 2014 Jakarta, Indonesia***



"Asia to drive growth to 2020"

Key Highlights

- Global Oleochemicals Market Outlook
- Shale gas and its impact on Oleo industry
- Alternative Feedstock supply & market trends
- MCT and new application possibilities
- Analysis of biodiesel and glycerin markets
- End user's perspective on emerging trends in Home & Personal Care and Industrial Sector
- Growing the Specialty chemicals market

[READ MORE](#)

---

### ***F.O. Licht's Sugar Africa September 16-18, 2014 Durban, South Africa***



Bringing together biofuel and ethanol producers, traders, sugar millers, technology companies, shipping and logistics companies and users of fuel, industrial and beverage ethanol, F.O. Licht's Sugar and Ethanol Africa will be a unique opportunity to network and hear from key industry players from a region that offers huge potential for expansion and investment. [READ MORE](#)

---

### ***7th Biofuels International Conference September 24-25, 2014 Ghent, Belgium***



- Key sponsors the Port of Ghent, hosting the networking reception
- Potential tour to be held by the Port of Ghent 23 September 2014

Focusing on the latest developments in biofuels policy, international biofuels trading, sustainability, solutions for first generation producers, progress in advanced biofuels and information on feedstock pricing and trends. This 2 day conference will both educate and stimulate.

The event attracts a senior audience from around the world – one where you are able to interact with speakers, pose your own questions and create new business relationships.

With so much happening in the biofuels market the main aims of this event will be to:

- Update delegates on the latest changes to biofuels legislation and policy
- Provide information on international biofuels trade, including biofuel and feedstock prices, risk reduction and trade activities
- Inform attendees about the latest research into sustainability, ILUC and multiple counting strategies
- Aid first generation producers continue profitable production and add retrofit solutions
- Drive second generation production forward, scaling up commercial scale advanced biofuels plants and hear from producers around the globe [READ MORE](#)

---

***2014 Algae Biomass Summit September 29-October 2, 2014 San Diego, CA***



The 2014 Algae Biomass Summit will be in San Diego, a major hub of algae industry activity. Every year the Summit brings together all the leaders in the academic, government and private sectors. Don't miss this chance to connect with the entire algae industry. [READ MORE](#)

---

***Bioproducts World Showcase October 5-8, 2014 Columbus, OH***



The OBIC Bioproducts Innovation Center (OBIC) at The Ohio State University will host the Showcase. OBIC seeks to promote the biobased materials and products industry. While OBIC has historically promoted the industry through

cluster development strategies to accelerate bioproducts commercialization, it is now expanding through this new event in 2014.

Its main mission is to showcase USDA BioPreferred and Certified Biobased products in a single event for both commercial and government procurement officials.

The Bioproducts World Showcase is for:

- Government Procurement Officials
- Buyers for major retailers and distributors
- Producers of biobased materials
- Product manufacturers (biobased and conventional)
- Entrepreneurs

Features of the event will include educational sessions with industry experts and a trade show showcasing the future of the bioproducts industry. [READ MORE](#)

---

### ***National Advanced Biofuels Conference & Expo October 13-15, 2014 Minneapolis, Minnesota***



Produced by BBI International, this national event will feature the world of advanced biofuels and biobased chemicals—technology scale-up, project finance, policy, national markets and more—with a core focus on the industrial, petroleum and agribusiness alliances defining the national advanced biofuels industry. With a vertically integrated program and audience, the National Advanced Biofuels Conference & Expo is tailored for industry professionals engaged in producing, developing and deploying advanced biofuels, biobased platform chemicals, polymers and other renewable molecules

that have the potential to meet or exceed the performance of petroleum-derived products. [READ MORE](#)

Use discount code: **ABUSA250** to receive the \$250 off full registration!

---

### ***F.O. Licht's World Ethanol & Biofuels November 3-6, 2014 Budapest, Hungary***



Now in its 17th year, F.O. Licht's World Ethanol and Biofuels is the must attend event for the global ethanol and biofuels community. Recognised as the best forum for in-depth analysis and as the biggest week of trade and business in the year, this really is the annual global meeting place where fresh ideas, lots of business and new contacts are made.

F.O. Licht's World Ethanol and Biofuels conference is the No.1 networking forum for the industry, attracting a cross-section of the supply chain from all over the world.

- Hear and Meet Ethanol & Biofuel Producers from Across the Globe – 25% of Total Attendance
  - Be Part of the Biggest Week of Trade and Business in the Year
  - Covering all Biofuels, Biochemicals and Providing 2G Solutions
  - You'll be Alongside 600+ International Executives with a Stake in this Industry
  - Be Part of an Event Which Provides the Best Content Designed by Experts in the Ethanol and Biofuels Market
  - More Face-To-Face Networking Opportunities [READ MORE](#)
-

## ***EcoChem November 11-14, 2014 Basel, Switzerland***

**ecochem**

The Global Sustainable Chemistry  
& Engineering Event

11-13th November 2014

The chemicals market is changing. Fast. Society wants all the benefits that the chemical industry provides with none of the negative health and environmental problems and consumers increasingly demand products and processes that are more sustainable.

New Knowledge, New Relationships, New Ideas

Understanding the challenges and opportunities which are rapidly emerging requires new thinking, new ways of working together throughout value chains and across disciplines, new products and technologies and new ways to remove barriers. The Ecochem Exhibition and Conference will provide an independent, scientifically-supported platform to accelerate innovation, research, commercialisation and market uptake in the design, production and use of efficient, effective, safe and more environmentally benign chemical products and processes.

[READ MORE](#)

---

## ***Venice 2014 – Fifth International Symposium on Energy from Biomass and Waste November 17-20 Venice, Italy***



The production of energy from alternative sources and its impact on climate change are among the main strategic tools implicated in the sustainable development of our society. Numerous types of biomass and wastes contribute towards the production of energy and reduction in the use of fossil fuels by means of biological, chemical and thermal processes. Existing biomass and waste to energy technologies are currently undergoing rapid development. Despite growing interest in the use of these



technologies, in many countries their implementation remains limited.

The aim of the Venice 2014 Symposium is to focus on the advances made in the application of technologies for energy recovery from biomass and waste and to encourage discussion in these fields. The previous edition of the Symposium, held in 2012, was attended by nearly 580 scientists and operators from approximately 62 different countries.

The fifth edition of the Symposium will be held in the stunning island of San Servolo in the Venetian Lagoon and will feature:

Three days of scientific presentations

One day of guided technical tours at biochemical and thermochemical plants

Six parallel oral sessions (one of which in Italian), poster sessions and an exhibition by companies working in the field

Expected attendance of over 600 delegates from tens of different countries worldwide

The Symposium is organized by the International Waste Working Group (IWWG) with the scientific support of the Universities of Queensland, Padova, Hokkaido, Rostock, Trento and Hamburg University of Technology. [READ MORE](#)

---

***Renewable Energy Latin American & Caribbean Conference & Exhibition (RELACCx) November 20-21, 2014***



***Fajardo, Puerto Rico***

Renewable Energy Latin America & Caribbean Conference & Exhibition (RELACCx, is the premier renewable energy finance and development event for Latin America and the Caribbean. This two-day conference will take an in-depth look at political and financial landscapes, prominent and

emerging markets, and existing energy infrastructure to provide the audience with the tools needed to accelerate renewable energy development in these regions.

From new business models that encourage small-scale renewable energy deployment to financial mechanisms for utility-scale power plants, this conference addresses current challenges and opportunities from investor, project developer, policymaker, and regulatory perspectives. Learn from the successes of existing projects to better understand industry hurdles, and gain key insights from financial institutions to minimize risk and increase the viability of renewable energy projects in your country.

Use 20% discount code **SPT20AB** and **REGISTER TODAY!**

**READ MORE**

---

***F.O. Licht's Ethanol Latin America December 1-3, 2014***

SAVE THE DATE

---

**CELEBRATE EARTH DAY! Every Day!**  
**Please DONATE!**



Advanced Biofuels USA relies on Individual Contributions, Corporate Donations, In-Kind Donations and the Work of Many Volunteers to enable this organization to promote the understanding, development and use of advanced biofuels and to inspire action.

You can now make a secure donation to Advanced Biofuels USA via PayPal by clicking on the ["Donate Now"](#) button. It's quick, easy and safe. Make it a year-long gift by making monthly installments automatically.

You can make your gift in memory or in honor of someone special. Just let us know. Call (301-644-1395) or send an email: [info@AdvancedBiofuelsUSA.org](mailto:info@AdvancedBiofuelsUSA.org). We'll send a special card acknowledging your gift.

Don't let this opportunity slip away! Thank you for your support.

You have received this newsletter because you indicated to us an interest in Advanced Biofuels USA. We hope you find it useful. If you want to stop receiving these occasional newsletters, just follow the instructions below.

---

*Copyright © 2014 Advanced Biofuels USA, All rights reserved.*

You are receiving this email because you opted in at our website or expressed an interest to us in joining our email list.

**Our mailing address is:**

Advanced Biofuels USA  
507 North Bentz Street  
Frederick, MD 21701

[Add us to your address book](#)

[unsubscribe from this list](#) [update subscription preferences](#)

*Copyright © 2014 Advanced Biofuels USA, All rights reserved.*

You are receiving this email because you opted in at our website or expressed an interest to us in joining our email list.

**Our mailing address is:**

Advanced Biofuels USA  
507 North Bentz Street  
Frederick, MD 21701

[Add us to your address book](#)

[unsubscribe from this list](#) [update subscription preferences](#)