

Conference Calendar; Ohio State's OBIC; Visit to a Brazilian Ethanol Plant, Emerald Planet TV broadcast, Improved Job/Career Resource pages

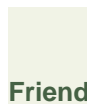
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Advanced Biofuels USA, a nonprofit educational organization, advocates for the adoption of advanced biofuels as an energy security, economic development, military flexibility and climate change solution.



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Coming Advanced Biofuels Events

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

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

- **2013**
- **October**
- [Webinar: 40th Anniversary of the Oil Embargo October 16, 2013 Noon ET](#)
- [5th Annual OPIS RFS2, RINs & Biodiesel Forum October 17-18, 2013 Chicago, IL](#)
- [Understanding Bio-based Chemicals & Products October 17-18, 2013 Toronto, Ontario, Canada](#)
- [Webinar: Cold-Weather Biodiesel Blending September 18, 2013 11:00 AM EST](#)
- [13th International Datagro Conference on Sugar and Ethanol October 21-](#)

22, 2013 Sao Paulo, Brazil

- Oilseed & Grain Trade Summit October 21-23, 2013 Minneapolis, MN
- Asia Bio Markets 2013 October 21-23 Johor Bahru, Malaysia
- International Bioenergy School October 21-25, 2013 Toronto, Ontario, Canada
- Webinar: Exploring the Growing Contribution of Ethanol to American Motorsports October 24, 2013 3:00 PM ET
- The Role of Biorefining in a Future BioEconomy October 24, 2013 Graz, Austria
- Introduction to Bio Feedstocks and Conversion Pathways October 28, 2013 San Francisco, CA
- 6th Algae World Asia October 28-29, 2013 Bangkok, Thailand
- World Bio Markets USA October 29-30, 2013 San Francisco, CA See below for discount information.
- World Clean Technology Summit (WCTS) October 31-November 2, 2013 Kampala, Uganda

- **November**
- F.O. Licht's World Ethanol and Biofuels November 4-7, 2013 Munich, Germany
- Large-Scale Algal Cultivation, Harvesting and Downstream Processing November 4-8, 2013 Mesa, AZ
- Next Generation Biomass Conversion Short Course and Tour November 11-12, 2013 Philadelphia, PA
- Bloomberg Fuel Choices Summit November 12-13, 2013 Tel Aviv, Israel
- Texas Renewables Conference November 11-14, 2013 San Antonio, TX FREE Exhibit Hall passes. Stop by to visit us at the Advanced Biofuels USA table.
- Total Energy USA November 19-21, 2013 Houston, TX
- Ecochem November 19-20, 2013 Basel, Switzerland
- Corporate Cleantech Venture Day November 20, 2013 Lahti, Finland

- **December**
- F.O. Licht's Ethanol Latin America December 2-4, 2013 Cali, Colombia
- Canadian Renewable Fuels Summit 2013 December 2-4, 2013 Montreal, Quebec, Canada

- [7th International Algae Congress December 3-4, 2013 Hamburg, Germany](#)
- [Industrial Green Chemistry World December 6-8, 2013 Mumbai, India](#)
- [Pacific Rim Summit on Industrial Biotechnology & Bioenergy December 8-11, 2013 San Diego, CA](#)
- [Understanding Bio-based Chemicals & Products December 9-10, 2013 New York, NY](#)
- [Lignofuels Americas 2013 December 11-12 Philadelphia, PA](#)
- [OPIS LCFS Workshop December 12-13, 2013 San Francisco, CA](#)
- [Alternative Fuels and New Energy December 17, 2013 Toulouse, France](#)

- **2014**
- **January**
- [Keystone Farm Show January 7-9, 2014 York, PA](#)
- [11 th International Conference on Biofuels: Fuels of the Future 2014 January 20-21 Berlin, Germany](#)
- [2014 National Biodiesel Conference & Expo January 20-23 San Diego, CA](#)
- [World Future Energy Summit January 20-22, 2014 Abu Dhabi, United Arab Emirates](#)

- **February**
- [Energy, Utility and Environment Conference February 3-5, 2014 Phoenix, AZ](#)
- [5th Annual Next Generation Bio-Based Chemicals Summit February 6-7, 2013 San Diego, CA](#)
- [National Ethanol Conference February 17-19, 2014 Orlando, FL](#)
- [ARPA-E Energy Innovation Summit February 24-26, 2014 National Harbor, MD](#)
- [F.O. Licht's Sugar and Ethanol Asia February 25-26, 2014 Bangkok, Thailand](#)
- [6th Sugar Asia February 27-28, 2014 Mumbai, India](#)

- **March**
- [World Bio Markets 2014 March 4-6 The Netherlands](#)
- [International Network Palm Oil Expo March 19-20, 2014 Medan, North Sumatra, Indonesia](#)
- [International Biomass Conference and Expo March 24-26, 2014 Orlando, FL](#)

- **April**
- [36th Symposium on Biotechnology for Fuels and Chemicals April 28-May 1, 2014 Clearwater Beach, FL](#)

- **May**
- [Alternative Clean Transportation \(ACT\) Expo May 5-9, 2014 Long Beach,](#)

- CA
- Advanced Biofuels Leadership Conference May 18-21, 2014 National Harbor, MD
- ILA Berlin Airshow 2014 May 20-25 Berlin, Germany

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

- **September**
- RETECH 2014 September 3-5 National Harbor, MD

- **2015**
- **January**
- 2015 Ag Connect Expo and Summit January 27-29, 2015 Indianapolis, IN

Get more information on our home page: 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.

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



Deadline October 2013

- CALL FOR PAPERS: RETECH 2014 September 3-5 National Harbor, MD DEADLINE: October 18, 2013
- REQUEST FOR PROPOSALS ARPA-E Energy Innovation Summit February 24-26, 2014 National Harbor, MD DEADLINE October 25, 2013
- CALL FOR PAPERS: European Biomass Conference and Exhibition June 23-26, 2014 Hamburg, Germany DEADLINE: October 28, 2013

Deadline November 2013

- [CALL FOR PAPERS: 36th Symposium on Biotechnology for Fuels and Chemicals April 28-May 1, 2014 DEADLINE: November 17, 2013](#)
- [CALL FOR SPEAKERS, POSTERS: BIO's World Congress on Industrial Biotechnology May 12-15, 2014 Philadelphia, PA DEADLINE: November 21, 2013 for Speakers; April 1, 2014 for Posters](#)
- [CALL FOR PAPERS: International Biomass Conference and Expo March 24-26, 2014 Orlando, FL DEADLINE November 29, 2013](#)

Deadline April 2014

- [CALL FOR SPEAKERS, POSTERS: BIO's World Congress on Industrial Biotechnology May 12-15, 2014 Philadelphia, PA DEADLINE: November 21, 2013 for Speakers; April 1, 2014 for Posters](#)

Deadline Unclear

- [CALL FOR SPEAKERS: industrial Green Chemistry World December 4-6, 2013 Mumbai, India](#)

[READ MORE](#)

Happenings on Capitol Hill, at the White House and in Federal Agencies

Shutdown Delays Farm Bill, Inaccessibility of Federal Officials Prevents RFS2 Volume Official Announcement



Although the government is shut down, Congress continues to meet and we are covering activities related to the [Farm Bill](#). Or lack thereof.

And the big news related to the Renewable Fuel Standard relates to a [leaked draft document](#) which is causing great consternation among current ethanol producers.

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

On the Road: Visiting an Ethanol Biorefinery in Brazil

Advanced Biofuels USA's Amanda Ferreira Visits Ethanol Plant in Brazil



This past summer high school student, **Amanda Ferreira**, maximized the value of her volunteering experience with Advanced Biofuels USA by taking her new knowledge on the road. Of Brazilian heritage, she had the opportunity to go to her parents' home country to visit relatives.

A lot had changed since the last time she had visited and she discovered that her uncle, **Walter Ventura Ferreira, Jr.**, was currently a manager for Raizen, an energy company that specializes in sugarcane ethanol. Once her father explained

that Amanda was volunteering at a non-profit whose goal is to promote education about biofuels, he was thrilled to take the family to the plant he manages at Jatai, Goais, Brazil. [Read her story about her visit and what she learned.](#)

On the Road: Conferences and Events

Emerald Plant TV Features Advanced Biofuels USA



On the [September 16, 2013 edition of Emerald Planet TV's Inside Scoop](#), host **Dr. Sam Hancock** interviewed Advanced Biofuels USA Executive Director, **Joanne Ivancic** on [Innovation for Advanced Biofuels.](#)

The second segment of the program featured Advanced Biofuels USA co-founder and Treasurer, **Robert Kozak** talking about his work converting biomass to sugars with Atlantic Biomass Conversions.

[WATCH VIDEO](#)

The EmeraldPlanet weekly television programs are broadcast and distributed via Channel 10 TV in Fairfax, Virginia USA. The programs are being simulcast to 532 stations around the United States and then overseas by the Internet and C-SPAN television. The EmeraldPlanet programs are currently available in all countries and territories around the world. The Emerald Trek and companion The Emerald Mini-Treks are identifying the 1,000 “best practices” on location from the 143 nations, 750 cities, and 50,000 communities by Internet TV, local television stations, main stream media outlets, YouTube, Facebook, The EmeraldPlanet Meetup, Twitter, among other social media networks, and all manner of print media.

The EmeraldPlanet TV is broadcasting weekly a number of the “best practices” which are identified through collaboration. [READ MORE](#)

Advanced Biofuels USA Officers Visit Ohio State University's Agricultural Research and Development Center



Thanks to **Denny Hall**, the Director of the [Ohio Bioproducts Innovation Center](#) (third from left) for hosting a day-long visit to the Ohio Agricultural Research and Development Center.

The visit ranged from presentations on OBIC teacher training programs by **Dustin Homan**, the Program Director of Education and Market Development (left in photo) to a visit to the state-of-the-art lab used by the Agricultural Technical Institute's renewable energy associate degree program and a drive-by of Quasar Energy Group's anaerobic digestion facilities.

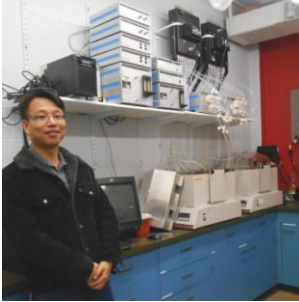


From visits to pilot manufacturing facilities for biobased rubber substitutes made from dandelions and advanced natural fibers composites, to touring a biobutanol lab, we could handle products made with these new technologies and were wow'ed by the intensity of focus and progress to transitioning to a biobased economy.

Fred Michel explains the dandelions-to-rubber process to **Bob Kozak** as he provides a tour of the [PENRA](#) facility.



Shauna R Brummet, President & CEO of the BioHio Research Park being developed on and near the Wooster, Ohio campus, gave a guided tour of the proposed research park, including Pounden Hall, an historic campus building being recycled into incubator office and lab space (shown above in the reception area with Bob Kozak to the right and in soon-to-be labs).



Read about our conversations with [Dr. Zhiwu \(Drew\) Wang](#) (pictured) who has transitioned from researcher to beloved teacher and training innovator at the ATI campus in Wooster, Ohio.

The two-year associate degree's lab work he devised uses anaerobic digestion as the framework for lessons that can be applied to many biofuels production processes, as well as biopower/heat generation.

Watch our web site for more articles about innovations coming out of Ohio State's cluster-oriented approach to bioproducts commercialization.

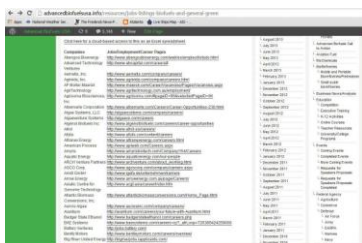
Future Events: Come Visit with Us at---

In the future, **come visit our exhibit at the [Texas Renewables Conference](#)** November 11-13 in San Antonio. So far Advanced Biofuels USA's exhibit will be the main source of renewable transportation energy information at that event. Exhibit Hall passes are FREE.

Say hello if you are at the Ohio Bioproducts Innovation Center annual meeting on December 3.

And join us at the [Keystone Farm Show](#) January 7-9 in York, PA.

Web Site Improvements: Job/Career Pages List



Many people find Advanced Biofuels USA by landing on our job search pages, so we decided to improve what people will find there.

In addition to 14 "green" job search sites, **Bradley Frieze** (shown, far right, with **Nicholas DeFilippis** and Joanne Ivancic at the Advanced Biofuels USA table at Hood College's Earth Day 2013 Event) has listed links for the job search pages of more than 200 companies involved in biofuels. As a senior biology student at Hood College, he also personally benefited from the project, seeing the types of jobs that are available and the education and experience qualifications they require.



"It has helped me decide what I need to include in my class schedule," he noted. "They are looking for more organic chemistry than I've had, so I'll make sure I add that next semester."

Students and those interested in changing jobs might want to follow Frieze's example. The [Jobs Listings \(Biofuels and Green\) page](#) is in the Resources section of the website. It's also available on an Excel spreadsheet in the Google Cloud for those who want to download it to make their own jobsearch notes.

Upcoming Advanced Biofuels Conferences and Activities: Some Details

6th Algae World Asia October 28-29, 2013 Bangkok, Thailand



“Tracking the commercialisation of algal oil into chemicals, fuels, nutrition and personal care applications”

Key Highlights

- Sustainable Algae Biofuels with cost effective harvesting methods
- New developments in Glycerol production from Algae – update on new EC project
- Algae-based bioplastics; transformation from low-cost algae to high-value added thermoplastic materials
- Technological breakthroughs in Algae strain development

Who Will Attend?

Project Developers, Technology Licensors, Investors, Researchers and Carbon Emitting Industries (cement, oil refineries, powerplants, etc.) and End-users (feed companies, food & beverage manufacturers, plastics/polymer, pharmaceutical companies, fertilizer companies, biofuel companies, transportation companies, etc)

[READ MORE](#)

World Bio Markets USA October 29-30, 2013 San Francisco, CA



Previously fully focused on advanced biofuels, World Bio Markets USA 2013 will extend its coverage to include coverage of feedstocks, conversion technologies, advanced biofuels, bio-based chemicals and materials and sustainable aviation. To learn more or get involved, click here

- Meet: 700+ attendees
- Hear from: 120 world class speakers – 50+ CEOs
- Choose from: 6 streams of thought-leading content
- Connect with leaders: 2 keynote plenary panel sessions
- Benefit from: 25% increase in exhibition hall capacity
- Pack in those key meetings: Partnering networking suites
- Network more: enhanced peer-to-peer networking software
- Get the word out: exclusive press area

Fuels and energy applications are just one aspect of a universe of bio-based products and technologies which encompass market opportunities from chemicals to pharmaceuticals to foods. Indeed such are the commonalities of feedstocks and conversion pathways in many cases, to discuss these different markets independently is to ignore a growing and business-driven focus on multi-product pathways, biorefinery concepts, business flexibility and economic scalability that such diversity of bio-opportunity provides. **To get a 20% off discount, use the code BF1320 when registering** [READ MORE](#)

F.O. Licht's World Ethanol and Biofuels November 4-7, 2013 Munich, Germany



Now in its 16th 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. [READ MORE](#)

Pacific Rim Summit on Industrial Biotechnology & Bioenergy

December 8-11, 2013 San Diego, CA



The annual Pacific Rim Summit on Industrial Biotechnology and Bioenergy is the original conference dedicated solely to the growth of the industrial biotechnology and bioenergy sectors in North America and the Asia-Pacific region. This year's event will be held in San Diego, California from December 8-11, 2013.

Programs will address the latest in advanced biofuels, algae, biomass production, biopolymers, bioplastics, dedicated energy crops, renewable chemicals, marine bio-resources and synthetic biology.

The event annually brings together delegates from:

- The United States
 - Canada
 - Malaysia
 - China
 - Japan
 - Australia
 - India
 - Thailand
 - New Zealand
 - And more [READ MORE](#)
-

***Alternative Fuels and New Energy December 17, 2013 Toulouse,
France***



Currently, 29 million departures occur each year worldwide, more than 80,000 daily flights, ranging from air transport in global emissions of Greenhouse Gases (GHG) between 3 and 5%.

Fundamental to the sustainability of air transport, the deployment of biofuels, however, must be directed towards clean technology, cost, and does not compete with food

crops.

To address the debate and find solutions Forum “Alternative Fuels and New Energy” will focus on the following dimensions:

- European: The impact of EU legislation on the sector, expanding biofuel
- Economic: The cost of biofuels and ways to reduce
- Technique: The state of research, technical adaptations ...
- Social and environmental: Issues and implications for citizens

Subject firmly anchored in the news, by the complex interweaving of all its dimensions, the debate on biofuels should be treated thoroughly and at the highest level. Thus, bringing together the highest levels and the big bosses of Biofuels and the air, to build the debate on the future of energy in aviation in Europe, the Forum “Alternative Fuels and New Energies” participates in strengthen the influence of the city of Toulouse as a European center for aeronautics and development of alternative fuels for aviation, in the heart of the wider region of France. [READ](#)

[MORE](#)

***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](#)

It's nearly Thanksgiving! Show your appreciation. DONATE!



Advanced Biofuels USA relies on corporate sponsorships, grants, in-kind donations and individual contributions 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.

The holidays are upon us. Thanksgiving, Hanukkah, Christmas, Eid, Winter Solstice, New Year's. 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. We'll send a special card acknowledging your gift.

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.

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