

A monthly newsletter dedicated to Teacher Resources, Student Activities, Contests, Competitions, Online Courses, Webinars and MORE about Advanced Biofuels. Scholarships, fellowships, green jobs ... [Click here to SUBSCRIBE](#)

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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.



Educational News and Resources

Scroll down for:

- [News about and for Students and Schools \(K-12\)](#)
- [Scholarships, Fellowships, Internships in the US and around the world](#)
- [Competitions, Contests](#)
- [Webinars](#)
- [Executive, Professional, Technical Training](#)
- [Online Courses](#)
- [Make a World of Difference — Explore Penn State Energy and Sustainability Programs Online](#)
- [Consumer Education](#)
- [Featured Study Programs](#)
- [Green Jobs in the US and Around the World](#)
- [Requests for Speakers, Posters, Presenters](#)
- [Grants](#)

- [Latest News about University/College Research](#)

Use these links for more information about:

- [Grants](#) in the news
- [Requests for Speakers, Posters, Presentations](#)
- [Latest News about College/University Research](#)
- Webinars: [Upcoming](#) and [Archived](#)

Featured Stories

Development -This Month's Theme



Growth Energy, in partnership with the [National Association of Agricultural Educators \(NAAE\)](#), announced the release of their [new curriculum](#) aimed at educating high school students to the world of biofuels.

Says Growth Energy CEO Emily Skor, "...We are excited for high school students to experience first-hand the role STEM education plays in our nation's agriculture and energy and learn through our curriculum how the next generation of biofuels are moving rural America into the future..." [READ MORE...](#)

Advanced Biofuels USA Presentations



Looking for PowerPoint slides to use in YOUR presentations? [Click here.](#)

INTERESTED IN A SINGLE-SESSION PRESENTATION for your class, civic organization, club or group of friends by an Advanced Biofuels USA expert?

Contact Joanne Ivancic at 301-644-1395 or info@AdvancedBiofuelsUSA.org

Multi-session seminars also available.

News about and for Students and Schools (K-12)

[Pierz Healy High School Tours Central Minnesota Renewables](#)

(Minnesota Bio-Fuels Association) Forty-seven students from Pierz Healy High School toured Central Minnesota Renewables (CMR) in Little Falls yesterday to learn more about clean Minnesota-produced renewable chemicals. “We were pleased to welcome Pierz Healy High School to our plant to learn about locally produced bio-based chemicals. Tours like this are an...

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[French Amusement Park Teaches Kids about Climate Change](#)

(Our Daily Planet) ... While climate change can be a difficult subject to discuss with kids (there’s not a lot of good news), not doing so leaves kids woefully unprepared to understand the planet they will inherit. That’s why a children’s

amusement park in Poitiers, France has made its mission to...

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[Most Teachers Don't Teach Climate Change; 4 In 5 Parents Wish They Did](#)

by Anya Kamenetz (KNKX/NPR) More than 80% of parents in the U.S. support the teaching of climate change. And that support crosses political divides, according to the results of an exclusive new NPR/Ipsos poll: Whether they have children or not, two-thirds of Republicans and 9 in 10 Democrats agree that the...

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[St Peter High School Tours Guardian Energy](#)

(Minnesota Bio-Fuels Association) Fourteen students from St Peter High School toured Guardian Energy in Janesville this morning to learn about homegrown renewable fuel production. During the tour, the students, who were from the school's plant science class, learned about several components of ethanol production including incoming grain grading, grain handling, fermentation...

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[Students Learn About Ethanol Production at Heartland Corn Products](#)

(Minnesota Bio-Fuels Association) Twenty-seven students from Central High School in Norwood Young America visited Heartland Corn Products in Winthrop yesterday to get a closer look at how clean, homegrown renewable fuels are

produced. The students, from the school's Small Gas Engines class, toured the various processes of ethanol production at Heartland...

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[Minnewaska High School Tours CVEC](#)

(Minnesota Bio-Fuels Association) Twenty-two high school students from Minnewaska High School toured Chippewa Valley Ethanol Company (CVEC) on April 5 to gain a better understanding of renewable fuel production. The students, from grades 9-12, toured the various process of ethanol production at CVEC, which has an annual output of 50 million...

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[EnergyPath 2019 Science Fair Application Open](#) [DEADLINE: June 28, 2019](#)

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.

Energypath 2019 will be held July ...

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[iGEM Competition Registration to Open in February;](#) [iGEM Jamboree — October 31-November 4, 2019 —](#) [Boston, MA](#)

iGEM's main program is the iGEM Competition. The iGEM competition gives students the opportunity to push the boundaries of synthetic biology by tackling

everyday issues facing the world. Made up of primarily university students, multidisciplinary teams work together to design, build, test, and measure a system of their own design ...

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For more information about [K-12 activities](#) and [teacher resources](#), click on these topics in the Categories list along the right margin of the [Advanced Biofuels USA website](#). You can also find information on these topics on the [Teacher Resources](#), [For Kids](#) and [Education Resources](#) pages on the site.

Scholarships, Fellowships, Internships in the US and around the world

[Announcing the Conservation Storytelling Fellowship](#)

[DEADLINE: May 6, 2019](#)

(Atlas Obscura Community) Atlas Obscura is searching for a student pursuing a degree in conservation, ecology, or science communication who is looking to advance their skills in science communication. This individual will have the opportunity to join our September 2019 Expedition Amazon trip 154 for an immersive week in one of the planet's most...

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[Research Experiences for Undergraduates \(REU\)](#)

[DEADLINES: May 24, 2019 \(4th Friday in May\) and August 28, 2019 \(4th Wednesday in August\)](#)

(National Science Foundation) The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate

students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program...

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[Become an ABO Intern!](#)

(Algae Biomass Organization) Students – Are you interested in doing more for your industry while completing your degree? Help define the algae sector of today and shape the industry of tomorrow as an Algae Biomass Organization volunteer virtual intern. Internships of 8-12 weeks are available and are completely online. Interns serve...

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[\\$500 Student Travel Grants to the 2019 Algae Biomass Summit](#)

(Algae Biomass Organization) Get your abstracts for the 2019 Algae Biomass Summit ready! The Algae Foundation has announced that it is offering \$500 travel grants to attend the 13th Annual Algae Biomass Summit in Orlando, Florida, from September 16-19, 2019. More information on the Mary Rosenthal Student Travel Grant can be...

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[Environmental and Energy Study Institute Offers Washington, DC-Based Internships](#)

(Environmental and Energy Study Institute) Interns have the opportunity to learn the inner workings of an environmental nonprofit while contributing to our

work advancing sustainable energy. EESI is an independent 501(c)(3) non-profit organization established in 1984 by a bipartisan Congressional caucus to provide timely information and develop innovative policy solutions...

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For more information about [Scholarships and Fellowships](#), click on those topics along the right margin of the [Advanced Biofuels USA website](#).

Competitions, Contests

[EnergyPath 2019 Science Fair Application Open](#)

[DEADLINE: June 28, 2019](#)

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.

Energypath 2019 will be held July...

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[Application Open for Better Together Award](#)

The Better Together Award is an international competition seeking collaborative innovations solving local climate challenges. We highlight the value of impactful collaboration between start-ups, SMEs or NGOs and local governments that jointly implement innovative solutions for effective climate mitigation and adaptation. The Better Together Award makes successful examples of such

collaborative innovations visible to the world. It...

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[Covestro and UN Call for Young Champions of the Earth Competition Participants DEADLINE unclear](#)

by Helena Tavares Kennedy (Biofuels Digest) In Germany, Covestro and the United Nations are calling for nominations for Young Champions of the Earth, a prize for environmental entrepreneurs aged between 18 and 30 with a big idea for the world's future. Each of seven winners in the 2019 program, the third year of the...

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[PROPOSALS WANTED: Electrical Storage Start-ups](#)

(EIT InnoEnergy) Got a brilliant innovation idea in the electrical storage area, and want to take it to market or scale-up? You could win €100,000 as well as investment and business support to grow your business from the world's biggest sustainable player backed by a trusted ecosystem. Your idea should...

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[Calling All Innovators: The 2019 Create the Future Contest Is Now Open! DEADLINE: July 1, 2019](#)

(Create the Future) The world's premier engineering design competition is now accepting entries. Submit your best new product ideas for a chance to win \$20,000 and global recognition. Individual and team entries are invited from engineers, students, and entrepreneurs. There's no cost to enter. Here's how

to Get Started. Do you have...

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[BC Green Games Are Back!](#)

(BC Green Games) BC Green Games is a digital eco-storytelling contest designed to closely link with BC's new curriculum while supporting teachers and promoting place-based environmental education. Our project-style contest offers teachers and students a 21st century learning opportunity in scientific exploration, storytelling, campaigning and policy development. Teams document and share their...

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For information about other competitions and contests, [click here.](#)

Webinars

For information about [upcoming webinars, click here.](#)

For [archived webinars, click here.](#) Often they are available for viewing online.

Executive, Professional, Technical Training

[Carbon Markets, Low Carbon and Sustainable Aviation Fuels with ATAG 2019 Global Sustainable Aviation Forum](#)

[\(Classroom, 3 days\) — May 13-15, 2019 — Montreal, Quebec, Canada](#)

As ICAO Member States begin to implement the Carbon Offset and Reduction Scheme for International Aviation (CORSIA), there is growing importance for airlines to have a carbon strategy to ensure their business is not only compliant but also profitable. There are three options to comply with the environmental goals of...

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[XBX Exploring Biodiesel Seminar Series — May 20, May 30, August 1, 2019 — East Greenwich, RI; Long Beach, CA](#)

The second annual XBX series will examine biodiesel's growing prominence in the liquid fuels supply chain. In the wider context of today's advanced, high-efficiency OEM technologies, and the increasingly ultra-low-sulfur diesel supply pool, the seminars will call attention to biodiesel's downstream operability and marketability as a carbon-neutral, renewable fuel that's...

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[Applications Open for Statewide Bootcamp for Tennessee Agricultural Innovation Startups — July 8-12, 2019 — Knoxville, TN](#)

(AgLaunch) AgLaunch and the Knoxville Entrepreneur Center are again partnering for a week-long agri-tech bootcamp to support Tennessee agriculture startup teams. The bootcamp will be held on the University of Tennessee Institute of Agriculture campus in Knoxville from July 8-12, 2019. Teams

accepted into the program will experience best-in-class agricultural entrepreneurship programming and...

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[B&C Launches TSCA Tutor™ Modular Training Platform](#)

(Bergeson & Campbell) Bergeson & Campbell, P.C. (B&C®) is pleased to announce an exciting and important new component to our suite of Toxic Substances Control Act (TSCA) offerings. Our TSCA Tutor™ training platform provides live in-person training at a company's site, live online training, and pre-recorded webinar training modules — all...

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[NREL Seeks Participants for 2019 Executive Energy Leadership Program](#)

by Helena Tavares Kennedy (Biofuels Digest) The U.S. Department of Energy's National Renewable Energy Laboratory (NREL) is seeking applicants for its 2019 Executive Energy Leadership Program—otherwise known as Energy Execs. Energy Execs provides non-technical business, governmental, and community leaders throughout the country an opportunity to learn about advanced energy, energy-efficiency technologies, analytical tools...

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[BIOGAS #HANDS ON International Engineering & Operating Training — May 7-15, 2019 — Stuttgart, Germany](#)

SAVE THE DATE This 7-day training is IBBK's premium course. The many years of experience of the German biogas experts enable the worldwide transfer of know-how through lectures and interactive workshops. The integrated lab session as well as the visits to four unique biogas plant operations in Southern Germany complement the facts with practical insights...

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For more information about [Executive, Professional, Technical Training](#) click on those topics along the right margin of the [Advanced Biofuels USA website](#).

Online Courses

[Make a World of Difference — Explore Penn State Energy and Sustainability Programs Online](#)

(Pennsylvania State University) The global shift to clean energy is creating opportunities for project developers and policy experts to drive renewable energy initiatives and encourage a culture of sustainability. Prepare yourself to help shape the future by graduating from one of Penn State's energy and sustainability programs, offered completely online...

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Consumer Education

[Jumpstart Stations Have the Ethanol Your Muscle Car Needs!](#)

(MOTOR'N TV) Stations have the Ethanol your Muscle Car needs to achieve its full potential! There are a lot of informational websites and videos on Ethanol. Even M.I.T. has done...

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[Celebrating Mother Earth at Siouxland Earth Day event](#)

(Siouxland News) Siouxlanders had the chance to get in touch with nature Sunday afternoon at the Siouxland Earth Day Celebration. From birds and bees to plants of all shapes and sizes, this...

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[Motorcyclists Using Ethanol](#)

(FuelsFix/Renewable Fuels Association) The Renewable Fuels Association gets a lot of questions about using biofuel blends in motorcycles, so they decided to ask the bikers who know best...

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For more information about [consumer education](#), click on this topic in the Tags section along the right margin of the [Advanced Biofuels USA website](#).

Featured Study Programs

For more information about [featured study programs](#), click on this topic in the Categories section along the right margin of the [Advanced Biofuels USA website](#).

Do you have a special program related to biofuels? Let us know.

Green Jobs in the US and Around the World

What kinds of jobs are there in the bioeconomy around the world? Who might be hiring? What companies are expanding? Find leads and background information in this month's articles about advanced biofuels and the bioeconomy. [Click here for Green Jobs Lists and Company Career pages](#).

[Click here](#) for this month's articles with information and leads about Green Jobs.

Requests for Speakers, Posters, Presenters

For information about conferences seeking speakers, posters and presenters, [click here](#).

Or subscribe to our monthly conference calendar. [click here](#).

Grants

For more information about open grants and about research and investment funded by grants, click [here](#).

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Latest News about University/College Research

For articles about recent developments in university/college research, [click here](#).

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--**Educational News and Resources** newsletter with information about *teacher resources, scholarships, fellowships, competitions* and *contests*; and highlight articles about *green jobs* in the advanced biofuels world. [Subscribe](#)

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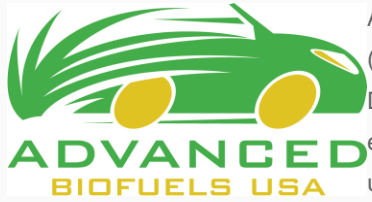
Also, what you would like to see in this Advanced Biofuels
Education Newsletter?

If you have contributions, lesson plans, experiments or news you would like to share,
please contact

Joanne Ivancic at info @ AdvancedBiofuelsUSA.org

or call 301-644-1395

**Help Us Continue to Provide Outstanding Service.
Make YOUR Contribution Today!**



Advanced Biofuels USA, a 501(c)3 nonprofit educational organization (NOT a trade organization) 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](#)" button below. 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. We'll send a special card acknowledging your gift.

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