

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

POWER - This Month's Theme



**“P-O-W-E-R We’ve Got the Power,
Because We Are with YEA! MN!”**

(Climate Generation) Youth in the climate movement made waves across the globe this school year, and Minnesota youth working with Climate Generation played a big part. Our approach is to organize for power, recognizing the importance of putting relationships at the center, and in doing so, we made great strides and learned a lot along the way too.

Urgent and unabashedly progressive climate politics have come to Minnesota — or at least they’ve finally made it into the chambers of the Minnesota State Capitol.

Just a few days after [the outline for a federal Green New Deal](#) was unveiled on the national stage, spearheaded by Sen. Ed Markey (D-MA) and the star power of Rep. Alexandria Ocasio-Cortez (D-NY), on Feb. 11 a broad coalition of climate justice organizers led by the youth of Minnesota Can't Wait launched their own Minnesotan version...

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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)

[How One School Is Getting Kids Fired up about Climate Solutions](#)

by Zoe Saylor (Gist) As the middle school humanities coordinator for Lowell School in Washington, D.C., she (Natalie Stapert) was tasked with coming up with a 6th-grade humanities curriculum that could bear the sisyphian burden of capturing tweens' attention while meeting the school's learning goals in

literature, politics, and geography...

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[Start It Up! Cheering for Biodiesel in Hazleton Area School](#)

by Sarah Buynovsky (WNEP) It was an exciting Friday morning for biology students at Hazleton Area Academy of Sciences. “I love this project, I love it. I live for seeing the students really getting involved and getting excited about getting to use the lab equipment,” said lab assistant Stephen Pyle as...

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[Children May Be the Key to Getting Their Parents to Acknowledge Climate Change](#)

(Our Daily Planet) Throughout the past year, young people like Greta Thunberg, a Swedish 16-year-old, have been gaining the attention of adults around the world on the issue of climate change. Not only has this encouraged legislative bodies like the British Parliament to declare climate change an emergency but it’s also forced parents...

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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

[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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[\\$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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[Announcing The Alexia 2019 Competition DEADLINE: September 30, 2019](#)

(Alexia Foundation) The Alexia Foundation is pleased to announce that we will begin accepting applications for our 2019 competition on Sept. 4, 2019. The deadline for the 2019 professional and student competition will be Sept. 30, 2019. The Alexia recognizes photographic bodies of work that may elevate understanding of the human...

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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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[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

[Carbon Footprint Challenge DEADLINE: July 7, 2019](#)

The Carbon Footprint Challenge is a UNITECH International initiative, enabled by its corporate partners Covestro, Bühler and Evonik as well as nine top European universities connected to the Unitech network. We invite you, passionate students and young professionals to join the Carbon Footprint Challenge and together with us fight climate...

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[Apply for the Science & SciLifeLab Prize for Young Scientists DEADLINE July 15, 2019](#)

In order to promote young scientists early in their career, SciLifeLab has engaged in a collaboration with AAAS and Science magazine to award an annual prize in the area of life science for the best PhD thesis work. An essay based on the thesis is submitted to the editorial board of Science and four

winners are...

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[Minnesota — Call for Submissions: EYEWITNESS DEADLINE: October 20, 2019](#)

(Climate Generation) There has never been a more important time in our history to share our climate stories. Add your personal narrative to the chorus of voices to build understanding and inspire action on climate change. EYEWITNESS is a collection of short stories, poems and sketches that speak to the diverse range of...

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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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[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

[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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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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For more information about [online courses](#), click on this topic in the Categories list along the right margin of the [Advanced Biofuels USA website](#).

Consumer Education

[Ethanol Report on 2019 Crappie Masters](#)

by Cindy Zimmerman (Energy.AgWired.com) With retail sales of E15, or 15% ethanol, now approved in the summer months, some oil industry-backed organizations are issuing dire warnings about damage to boat engines...

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[National Gasoline Public Education and Consumer Awareness Campaign Launched: It's Time—EPA: Make Gasoline SAFE!](#)

(Safe Gasoline Campaign) Gasoline and its emissions are one of the greatest threats to public health Americans face today. Transportation related pollution accounts for an estimated 50,000 premature deaths annually. When...

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[Cutting Through the Noise: How Green Are EVs?](#)

by Miro Korenha (Our Daily Planet) ... Transportation took over last year as the biggest source of U.S. GHG emissions but if folks switch to EVs and our power plants are still...

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[Government Launches Greener Fuels Campaign](#)

by Gareth Roberts (Fleet News) A Government campaign aims to help educate drivers about greener fuels, with filling stations clearly identifying biofuel content. New labels are being rolled out across the UK. Petrol...

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[RFA: Your Source for E15 Information That Matters](#)

(Renewable Fuels Association) The following key RFA resources on E15 are available publicly: RFA's Model Misfuelling Mitigation Plan, which has become the de-facto gold standard approved and promoted by the...

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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](#).

Summer School in Nice: Energy Transition and You! — September 9-13, 2019 — Nice, France

The event is a joint effort of the French Government, the European Union, and the industry. It is a unique opportunity for researchers, students, and professionals to learn about the latest developments in the field of energy transition and to share their experiences and knowledge.

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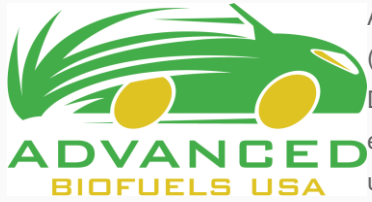
Also, what you would like to see in this Advanced Biofuels
Education Newsletter?

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

Joanne Ivancic at [info @ AdvancedBiofuelsUSA.org](mailto:info@AdvancedBiofuelsUSA.org)

or call 301-644-1395

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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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