

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

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- [Requests for Speakers, Posters, Presentations](#)
- [Latest News about College/University Research](#)
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## Featured Stories

### Training for Careers with Algae

[Algae Technology Educational Consortium Prepares Students for Careers in Algae Cultivation and Technologies](#)



(U.S. Department of Energy) Algae is a fast-growing industry that needs a

skilled workforce of scientists, researchers, and engineers to advance algae technology and the commercialization of algal products to support the bioeconomy.

With funding from the Bioenergy Technologies Office (BETO) within the U.S. Department of Energy's Office...

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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](mailto:info@AdvancedBiofuelsUSA.org)

*Multi-session seminars also available.*

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

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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.*

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

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### [Wisconsin Clean Cities Accepting Applications for Paid Fall 2019 Internship DEADLINE: August 11, 2019](#)

(Wisconsin Clean Cities) The Clean Cities University Workforce Development Program (CCUWDP) is an initiative of Clean Cities, a government-industry partnership sponsored by the U.S. Department of Energy's Vehicle Technologies Program. Clean Cities ...

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### [EPA Launches 'Green Interns Program' For Fall 2019](#)

(Environmental Protection Agency) EPA's new program creates pathway to civil service for recent graduates — The U.S. Environmental Protection Agency (EPA) is establishing the Green Interns Program to cultivate a collection ...

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## [UN Food and Agricultural Organization Seeks Intern](#) [DEADLINE: July 19, 2019](#)

(UN Food and Agricultural Organization) FAO's Liaison Office for North America is currently looking to hire a communication intern, to be based in Washington, DC, for a duration of 3 to 6 months: Key ...

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

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## **Competitions, Contests**

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### [Clean Energy Education and Empowerment Poster Competition Application Open DEADLINE: September 1, 2019](#)

Clean Energy Education and Empowerment Poster Competition: The U.S. Clean Energy Education and Empowerment (C3E) program is a collaborative effort between the U.S. Department of Energy, Texas A&M Energy Institute, MIT Energy Initiative, and Stanford Energy, focused on acknowledging outstanding

women leaders in the clean energy sector. Closing the gender gap and...

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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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## [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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## [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.](#)*

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## Webinars

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

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

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## Executive, Professional, Technical Training

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[ProBIOGAS International – Biogas Engineering and Operating Training with Plant Visits — September 24-October 2, 2019 — Stuttgart, Germany](#)

7-day In-depth Course — Biogas plant operators and enthusiasts... If you want to really understand... How exactly biogas is produced from organic waste and biomass What to do when you run into troubles with your day-to-day operation What the most modern biogas technologies are If you should even consider building a biogas...

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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](#).*

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## Online Courses

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### [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](#).*

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## Consumer Education

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### [Ethanol Returns to Sturgis: RFA Continues Collaboration at World-Famous Motorcycle Rally](#)

(Renewable Fuels Association) The Renewable Fuels Association is once again partnering with the Buffalo Chip Campground to host the 79th annual Sturgis Motorcycle Rally, scheduled for Aug. 2-11 in Sturgis, S.D...

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### [RFA Partners with Hawk Designs to Take E85 Off-Road](#)

(Renewable Fuels Association/AgWired) The Renewable Fuels Association (RFA) and Kenny Hawk of Hawk Designs are partnering to highlight the many benefits of using ethanol fuel blends in high-performance off-road vehicles. Fans can watch the Hawk...

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### [Gasolinegate: Three Decades of Flawed Emission Reports Has Endangered Public](#)

(Safe Gasoline Campaign) The 263 million gasoline vehicles on American roadways are emitting significantly more harmful emissions than being reported, and the U.S. Environmental Protection Agency (USEPA) is ignoring the...

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## [Renewable Energy Group Launches New Website That Serves as Leading Resource on Cleaner Fuels](#)

(Renewable Energy Group) Educational, product and technical information is available to anyone who wants to learn more about biodiesel, renewable diesel, and other fuels — Renewable Energy Group (Nasdaq: REGI) has launched...

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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](#).*

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## **Featured Study Programs**

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### [Summer School in Nice: Energy Transition and You! — September 9-13, 2019 — Nice, France](#)

The global energy transition can't succeed without the full participation of citizens. We need a paradigm shift towards more renewable energy which is sustainable, affordable and reliable, as well as an energy system that is more decentralised and digitalised. Our current energy system is highly centralised with states as the main players – we must reconsider the distribution of authority to include subnational actors as well as citizens themselves.

This summer school invites you...

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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](#).

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## 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.

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[Click here for Green Jobs Lists and Company Career pages](#).

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

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## Requests for Speakers, Posters, Presenters

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

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

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## Grants

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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

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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  
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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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