

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 biofuels as an energy security, economic development, military flexibility and climate change solution.



Educational News and Resources

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Featured Stories

Pioneering the Use of Biofuel

[Bringing Biodiesel to BHSU](#)



by Alex Portal (Black Hills Pioneer) A local senior at Black Hills State University is pioneering the use of biodiesel fuel on campus.

“The idea is to take the cooking oil from A’viands cafeteria, convert it to biodiesel, and then use it to power facilities equipment,” said Nick Pappas, of Spearfish, who is majoring in environmental science with a minor in business...

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US Climate Strike — September 20, 2019 — various locations



On September 20, three days before the UN Climate Summit in NYC, young people and adults will strike all across the US and world to demand transformative action be taken to address the climate crisis. Millions of us will take the streets to demand a right to a future, and...

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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)

Back-to-School Resources from Advanced Biofuels USA

by Joanne Ivancic (Advanced Biofuels USA) Looking for resources as you teach or research class projects about climate change mitigation or

sustainability? Take a look at what Advanced Biofuels USA has to offer. Complete slide presentations. Easy-to-navigate topics of research from Algae to Zeolites by way of Biorefineries, Feedstocks, Green...

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[Team Brad and Biobug](#)

(National Biodiesel Education Program/University of Idaho) Adventure Awaits! After aliens invade, the earth is pretty bleak...that is, until deliverymen Brian and Chad (Team Brad) get a mysterious package with a clue to stop the intruders! Join Team Brad and their talking biodiesel car, Biobug, on an exciting road trip where biofuels may...

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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

[Ciba Travel Awards in Green Chemistry DEADLINE:
October 11, 2019](#)

(American Chemical Society Green Chemistry Initiative) This annual green chemistry award sponsors the participation of students (high school, undergraduates, and graduate students) residing in the U.S. to attend an American Chemical Society (ACS) technical meeting, conference, or training program, having a significant green chemistry or sustainability component. The applicant must...

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[Nominations Open: Kenneth G. Hancock Memorial Award](#) [DEADLINE: October 11, 2019](#)

(American Chemical Society Green Chemistry Initiative) The Kenneth G. Hancock Memorial Award provides national recognition and honor for outstanding student contributions to furthering the goals of green chemistry through research and/or studies. This includes but is not limited to the research, development, and implementation of fundamental and innovative chemical technologies...

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[Nominations Open: Joseph Breen Memorial Fellowship](#) [DEADLINE: October 11, 2019](#)

(American Chemical Society Green Chemistry Institute) Each year, the ACS Green Chemistry Institute® (ACS GCI) awards one or more Dr. Joseph Breen Memorial Fellowships. The award sponsors the participation of a young international green chemistry scholar in a green chemistry technical meeting, conference or training program. The amount of the...

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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](#).



Competitions, Contests

[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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[Exxon Mobil's Designed 2 Scale Challenge DEADLINE: November 15, 2019](#)

(Designed 2 Scale Challenge) Algae-based feedstocks have shown tremendous potential in providing a safe, secure and locally available source of drop-in liquid fuels for the transportation sector. These feedstocks have the potential to not compete with conventional food crops and fresh water resources, and use marginal land for cultivation. Once...

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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

[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](#).

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

[South Dakota Farmers Union Meets with EPA Director to Discuss E30](#)

(South Dakota Farmers Union/Farm Forum) South Dakota Farmers Union, together with leaders from 13 South Dakota agriculture organizations, sat down with Gregory Sopkin, U.S. Environmental Protection Agency (EPA) regional administrator for...

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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

[A Free Online Course Reveals the Scary Reality and Health Dangers of Climate Change. But It Also Gets You Involved in Solutions.](#)

by Erin Blakemore (Washington Post) Scientists warned for years about the ramifications of human-caused climate change. Now, those predictions are coming to pass as glaciers melt, wildfires rage and the global surface temperature continues to rise. But the polar ice caps and the Amazon rainforests aren't the only things at risk...

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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](#).*

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.

Grants

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

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

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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Did We MISS Something??? Let us know.

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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