

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](#)

[View this email in your browser](#)



*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:**

- [Featured Stories](#)
- [Make your thoughts and talents known: House Committee Seeks Input; Photography Contest](#)
- [Teacher Resources](#)
- [News about and for Students and Schools](#)
- [Scholarships, Fellowships, Internships in the US and around the world](#)
- [Competitions, Contests](#)
- [Webinars](#)
- [Executive, Professional, Technical Training](#)
- [Online Courses](#)
- [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

***Make your thoughts and talents known:  
House Committee Seeks Input; Photography  
Contest***

### [House Select Committee on the Climate Crisis Request for Information DEADLINE: November 22, 2019](#)



by mid-century.

The climate crisis already is harming communities across America. The costs and impacts to the United States in the coming decades could exceed hundreds of billions of dollars annually. To limit global warming to no more than 1.5°C above pre-industrial levels, global net carbon pollution must fall by roughly 45% below 2010 levels by 2030 and must ultimately reach net zero

The Select Committee has received recommendations from young climate leaders, policy specialists, business leaders, and state and local officials at meetings and hearings held in Washington, D.C. and around the country. To supplement our ongoing work, the Select Committee is seeking additional detailed input from a broad range of stakeholders...

[READ MORE](#)

---

## [NCSE Photography Contest DEADLINE: October 18, 2019](#)



(National Council for Science and the Environment) In today's world, where environmental challenges have grown more complex, the risks greater, and the stakes higher, the role of science in environmental decision-making remains as essential as ever. The environment and human society are deeply coupled systems, and the future decisions society must make are...

[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](mailto:info@AdvancedBiofuelsUSA.org)

*Multi-session seminars also available.*

## Teacher Resources

---

[Resilience In Sustainable rEconstruction \(RISE\) Conference — November 18-20, 2019 — Albany, NY](#)

Resilience In Sustainable rEconstruction (RISE) Conference — November 18-20, 2019 — Albany, NY

[Read Full Article](#)

---

[Enzymes are Proteins: A Definitive Guide of 4000+ Words \(Updated\) — Enzymes are Proteins – The Guide Encompasses Introduction, History, Structure, Active Site, Enzyme Action, Functions, Models, Factors, Inhibitors, Classification, Nomenclature](#)

Enzymes are Proteins: A Definitive Guide of 4000+ Words (Updated) — Enzymes are Proteins – The Guide Encompasses Introduction, History, Structure, Active Site, Enzyme Action, Functions, Models, Factors, Inhibitors, Classification, Nomenclature

[Read Full Article](#)

---

[Back-to-School Resources from Advanced Biofuels USA](#)

Back-to-School Resources from Advanced Biofuels USA

[Read Full Article](#)

---

## News about and for Students and Schools

---

[Students Recognized with 2019 Young Algae Researcher Awards](#)

Students Recognized with 2019 Young Algae Researcher Awards

---

### [NRHEG High School Tours Guardian Energy](#)

### [New Ulm High School Tours Heartland Corn Products](#)

### [The New Face of Climate Activism Is Young, Angry — and Effective](#)

### [Joules for Schools: Middlebury College Leads Trend towards Renewable Natural Gas on the Campus](#)

### [Bost Tours National Corn-to-Ethanol Research Center](#)

### [Brazilian Student Is Awarded in Contest of Scientific Research](#)

---

**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...

[Read Full Article](#)

---

### 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...

[Read Full Article](#)

---

### 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...

[Read Full Article](#)

---

## [National Labs Entrepreneurial Fellowships DEADLINE: October 31, 2019](#)

(U.S. Department of Energy) Three of the Department of Energy's National laboratories are now accepting applications for their respective Cohort of Innovators through October 31st: Argonne National Laboratory (ANL) Chain Reaction Innovation, Oak Ridge National Laboratory (ORNL) Innovation Crossroads, and Lawrence Berkeley National Laboratory (LBL) Cyclotron Road program. Every year, each...

[Read Full Article](#)

---

## [Applications Open for SIMB Diversity Travel Award DEADLINE: December 16, 2019](#)

The SIMB Diversity Travel Award has been established to promote diversity and to increase the participation of underrepresented minority groups in the Society for Industrial Microbiology and Biotechnology (SIMB) amongst the graduate students making presentations at the Symposium on Biomaterials, Fuels and Chemicals (SBFC) meeting. Recipients of this award must...

[Read Full Article](#)

---

## [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...

[Read Full Article](#)

---

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

---

## **Competitions, Contests**

---

### [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...

[Read Full Article](#)

---



## [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...

[Read Full Article](#)

---

## [76West Competition Details DEADLINE: November 20, 2019](#)

From competition to commercialization, 76West has the resources your startup needs to succeed — A \$20 million competition with prize money and business development support such as training and mentoring, as well as available tax incentives. And connect and collaborate with innovators from all walks of life—from Fortune 500 and industry ...

[Read Full Article](#)

---

## [Nominations Open for the 2020 Green Chemistry Challenge Awards DEADLINE: December 31, 2019](#)

(American Chemical Society Green Chemistry Institute) The U.S. Environmental Protection Agency has announced the call for nominations for the 2020 Green Chemistry Challenge Awards. These prestigious national awards honor companies and institutions that have developed a new process or product using green chemistry approaches that helps to protect public health and the...

[Read Full Article](#)

---

## [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...

[Read Full Article](#)

---

**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

---

[The 21st Century Geopolitics of Energy: Risks, Vulnerabilities and Opportunities — November 18, 2019 — Washington, DC](#)

One-Day Professional Development Certificate Course for Mid-Career Professionals November 18, 2019 (8:30 am to 4 pm EST) On the Campus of George Washington University in Washington, D.C Choose to attend in person at GW or livestreamed to your location. This one-day GWU professional development certificate course for mid-career professionals will...

[Read Full Article](#)

---

## [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...

[Read Full Article](#)

---

*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...

[Read Full Article](#)

---

*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

---

### [More E15 Rewards For Fridley Drivers](#)

(Minnesota Bio-Fuels Association) The Minnesota Bio-Fuels Association (MN Biofuels) and KS95 FM teamed up today to reward drivers who chose Unleaded Plus (E15) during an hour-long promotion at Bona Bros Minnoco...

[Read Full Article](#)

---

### [Partners Launch Educational Platform on RNG](#)

by Betsy Lillian (NGT News) Educational nonprofit organization RNG Global Initiative and the Coalition for Renewable Natural Gas (RNG Coalition) have jointly announced a new learning platform dedicated to public education...

[Read Full Article](#)

---

*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...

[Read Full Article](#)

---

*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.](#)

---

## Check Out All Our Free Monthly Newsletters

---**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](#)

---**Conference Calendar** and **US Federal Regulations, Legislation, Litigation, Policy** [Subscribe](#)

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

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](mailto:info@AdvancedBiofuelsUSA.org). We'll send a special card acknowledging your gift.

[Donate!](#)

[Subscribe](#)

**SHARE!**



*Copyright © 2019 Advanced Biofuels USA, All rights reserved.*

You are receiving this email because you indicated an interest in advanced biofuels.

**Our mailing address is:**

Advanced Biofuels USA  
507 North Bentz Street  
Frederick, Md 21701

[Add us to your address book](#)

Want to change how you receive these emails?  
You can [update your preferences](#) or [unsubscribe from this list](#)



