

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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## Featured Story

### *Internship*



## Wisconsin Clean Cities Is Seeking Internship Candidates

(Wisconsin Clean Cities) Wisconsin Clean Cities is seeking internship candidates for the spring semester through the U.S. Department of Energy's Clean Cities University Workforce Development Program. The paid intern will...

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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.*

## Teacher Resources

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### [Skype a Scientist Matches Scientists with Classrooms around the World!](#)

(Skype a Scientist) We want to give students the opportunity to get to know a “real scientist”. This program allows us to reach students from all over the world without having to leave the lab! We have thousands of scientists ready to chat! Teachers can choose the type of scientist that will...

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## News about and for Students and Schools

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### [Mankato Area Public Schools Tour Guardian Energy](#)

(Minnesota Bio-Fuels Association) Twenty-two high school students from Mankato toured Guardian Energy today to gain a better understanding of renewable fuel production. During the tour, the students learned about several components of ethanol production including incoming grain grading, grain handling, fermentation, grain storage, dried distiller grain production and storage, ethanol storage...

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## [Canby High School Tours ADM Carbohydrate Solutions](#)

(Minnesota Bio-Fuels Association) Nineteen students from Canby High School toured the Archer Daniels Midland (ADM) Company's Carbohydrate Solutions plant in Marshall yesterday to learn about locally-produced renewable energy. During the tour, the students, from grades 9 to 12, were briefed on the various components of ethanol production during the tour. ADM...

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## [Owatonna High School Tours Al-Corn Clean Fuel](#)

(Minnesota Bio-Fuels Association) Students from Owatonna High School toured Al-Corn Clean Fuel twice this month to get a better understanding of how clean renewable energy is produced. The first tour was on Nov 5 while the second tour was on Nov 19. During both tours, the students learned about the different components...

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## [Minnesota New Country School Tours Guardian Energy](#)

(Minnesota Bio-Fuels Association) Forty-one students from Minnesota New Country School in Henderson visited Guardian Energy on Friday, November 15th to learn about renewable fuel production. "It's always a pleasure to host students who are eager to learn about the renewable fuels industry. Through these tours we have the opportunity

to educate...

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## [Sibley East High School Tours Heartland Corn Products](#)

(Minnesota Bio-Fuels Association) Fourteen high school students from Sibley High School visited Heartland Corn Products in Winthrop yesterday to get a better understanding of clean renewable fuel production. The students, from grades 10 to 12, toured the various processes of ethanol production at Heartland Corn Products which produces 113 million gallons...

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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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### [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...

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### [Symposium on Biomaterials, Fuels and Chemicals — April 26-29, 2020 — New Orleans, LA 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...

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### [Applications Being Accepted for Heh-Won Chang, PhD Fellowship in Green Chemistry DEADLINE: January 5, 2020](#)

(ACS) The Heh-Won Chang, PhD Fellowship in Green Chemistry provides financial support to full-time graduate students conducting research in green chemistry. The funds may be used for any purpose, including conference travel, professional development, and living expenses, while the recipient is in graduate school. Heh-Won Chang, PhD Fellowship awardees receive...

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## [Scholarships Help Bring Students to National Ethanol Conference DEADLINE: January 10, 2020](#)

by Ken Colombini (Renewable Fuels Association) The Renewable Fuels Association is partnering with the Renewable Fuels Foundation to offer scholarships to students who are interested in attending the 25th annual National Ethanol Conference, scheduled for Feb. 10-12, 2020 in Houston. Two scholarships are available to students in higher education to attend...

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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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### [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...

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## [Tell an Inspiring Story to Move the Planet Forward: Enter to Win our Storyfest Award DEADLINE: January 31, 2020](#)

(Planet Forward at GW) Grand Prize: A storytelling voyage to Iceland with Lindblad Expeditions and Planet Forward in summer 2020! — There is no story more gripping than that of our changing planet — and the solutions to sustain it. While problems from climate to plastic use to conservation abound...

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## [Voting Opens for the 50 Hottest Companies in the Advanced Bioeconomy 2020](#)

by Jim Lane (Biofuels Digest) Out of thousands of eligible organizations, who will make the Hot 50— who will get your vote? In Florida, The Digest announced the official opening of voting for the 50 Hottest Companies in the Advanced Bioeconomy for 2020. Voting Rules Voting is open to all registered...

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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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### **[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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### **[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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## [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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### [Illinois Farm Families Launches New Docuseries on Sustainable Farming](#)

(Illinois Soybean Association) Illinois Farm Families® has released the first episode in their new docuseries highlighting farmer sustainability practices. This engaging storytelling video is focused on biofuels made from Illinois corn...

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## [American GreenFuels' Biodiesel Earns UL Environmental Validations](#)

(American GreenFuels/Biodiesel Magazine) American GreenFuels LLC announced Nov. 21 that its certified biodiesel product has achieved two Underwriters Laboratories environmental claim validations: -Recycled Content—biodiesel produced by American GreenFuels contains an average...

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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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[Applications Being Accepted for ACS Summer School on Green Chemistry & Sustainable Energy DEADLINE: January 24, 2020](#)

(ACS) July 7-14, 2020, Colorado School of Mines, Golden, Colorado Applications for 2020 are now open. **APPLY NOW** Apply by January 24, 2020 to be Considered for the Class of 2020. The application window will close at 11:59 p.m. (applicant's local time) on Friday, January 24, 2020. Applicants will be notified...

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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 [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.**

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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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For information about [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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--**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  
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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  
or call 301-644-1395

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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.

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