

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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## Educational News and Resources

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## Featured Stories

### Growth Energy Supports Mechanics Training via NASCAR Tech and Universal Technical Institute



Universal Technical Institute (UTI), the nation's leading provider of technical training for automotive, diesel, collision repair, motorcycle and marine technicians joined with Growth Energy to make sure that the experts consumers trust understand the ins and outs of high octane/high ethanol blend fuels. Growth Energy will support the student resource center at UTI's NASCAR Technical Institute in Mooresville, North Carolina.

John Dodson, UTI Vice President of Business Alliances & NASCAR explained, "Today's cars are sophisticated, high-tech machines and, as vehicle technology continues to evolve, renewable biofuels like ethanol will play an even more important role."



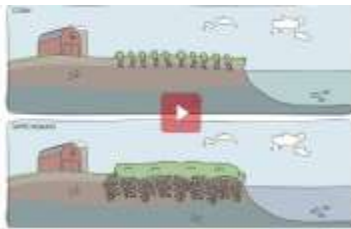
"We know that most Americans look to technicians at their local auto shops and dealerships for advice on how to maintain their vehicles, so working with Universal Technical Institute, the nation's leader in training highly skilled automotive technicians, will ensure the experts advising consumers have all the facts on American ethanol performance," continued Growth Energy CEO Emily Skor.

Through its network of 12 campuses nationwide, UTI offers post-secondary programs under the banner of several well-known brands, including Universal Technical Institute (UTI), Motorcycle Mechanics Institute and Marine Mechanics Institute (MMI) and NASCAR Technical Institute (NASCAR Tech). [READ MORE](#)

## Fun, Interactive Graphic from Great Lakes Bioenergy Research Center



In an article about the [future of energy crops](#) in Wisconsin, the Great Lakes Bioenergy Research Center illustrates different stages of the growing season to track how carbon, nitrogen, and phosphorus flow through each farm system. Click on the arrows to learn more about why each chemical flux occurs.



Another interactive graphic, Marginal vs. Arable Land, illustrates how planting either corn or switchgrass on marginal and arable tracts of land has different benefits and drawbacks. Consequences are

explained by clicking through the different metrics.

There's a need for "decision support tools," or software that can help farmers make the kind of ecologically sound cropping choices that will also earn them money. These illustrate simple examples of how more sophisticated tools currently being developed might work. AND THEY ARE FUN! [READ MORE](#)

## Teacher Resources

*Activities, Texts, Books, Services, Conferences, Summer Programs ...*

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### [Can Perennial Bioenergy Crops Help Sequester Carbon?](#)

April 30, 2018 –by Krista Eastman (Great Lakes Bioenergy Research Center) In an article published last summer in Science, researchers at the Great Lakes Bioenergy Research Center (GLBRC) reported on ten years of work assessing the potential climate benefit of producing ...

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### [Green Chemistry in the Curriculum: A Supplement to the ACS Guidelines](#)

April 20, 2018 –by Jennifer MacKellar (ACS Green Chemistry Institute/Chemistry Community Online) Over the years, there have been many efforts to provide green chemistry resources and support for chemistry educators. We are pleased to announce another outstanding resource developed ...

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### [Climate Feedback: A Global Network of Scientists Fact-Checking Climate Change News](#)

April 2, 2018 – (Climate Feedback) Climate Feedback is a worldwide network of scientists who collectively assess the credibility of influential climate change

media coverage. Our first mission is to help Internet users—from the general public to influential decision-makers—distinguish inaccurate climate ...

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[Teach Climate Scholarship Application for Summer Institute for Climate Change Education June 26-28, 2018 St. John's University, Collegeville, MN](#)

April 2, 2018 – (Climate Generation) We are excited to be able to offer scholarships for teachers to attend a professional development opportunity. These scholarships are made possible through the Teach Climate Teachers Scholarship Movement. Priority is given to demonstrated need and ...

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[U.S. Department of Education Green Ribbon Schools](#)

(U.S. Department of Education) The aim of U.S. Department of Education Green Ribbon Schools (ED-GRS) is to inspire schools, districts and Institutions of Higher Education (IHEs) to strive for 21st century excellence by highlighting promising ...

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[#TeachClimate Network](#)



The goals of this network are to bring together educators to:

- have an opportunity for informal discussions about challenges and successes to implementing climate change education
- discuss the use of climate fiction, “cli-fi” as a vehicle for ...

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[Summer Institute for Climate Change Education — June 26-28, 2018 — Collegeville, MN](#)

Apply for a Scholarship and Attend for Free. Join a network of teachers from across the country dedicated to bringing science, critical thinking, and problem solving about climate change into the classroom!

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Find more [Teacher Resources here](#).

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

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### [Student Biodiesel Leader Joins World Energy Council Program](#)

April 18, 2018 – by Cindy Zimmerman (Energy.AgWired.com) A former co-chair of the Next Generation Scientists for Biodiesel has been selected to participate in the World Energy Council's Future Energy Leaders (NGSB) program. Deval Pandya, who is a Data Scientist in Advanced Analytics at Shell, will ...

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### [Engage North American Youth to Prevent, Recover and Recycle Food Loss and Waste](#) [DEADLINE: May 3, 2018](#)

April 20, 2018 – (Commission for Environmental Cooperation) The Commission for Environmental Cooperation (CEC) is requesting proposals from prospective consultants to work in collaboration with youth organizations and government to empower and motivate youth (ages 5-23) to participate in ...

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### [Central High School Visits Heartland Corn Products](#)

April 11, 2018 – (Minnesota Bio-Fuels Association) Twenty students from Central High School in Norwood Young America toured Winthrop's Heartland Corn Products today to learn more about clean renewable Minnesota energy. During the tour, the students learned about the various processes ...

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### [Illinois Researchers Receive \\$1 Million to Study Bioenergy Crops](#)

April 6, 2018 – (University of Illinois) The USDA National Institute of Food and

Agriculture has announced a grant for \$1 million to support research led by a University of Illinois scientist. The research will address the need for ...

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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**

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### [National Corn to Ethanol Research Center Internship Program](#)

The NCERC biofuels internships are funded through a \$10 million U.S. Department of Labor Trade Adjustment Assistance Community College and Career Training grant awarded in 2014. NCERC, which has a pilot plant, works with Southern Illinois University Edwardsville and its Lewis and Clark Community College on the Building Illinois Bioeconomy program. “What BIB does, is it takes this four-year university that we sit on at SIUE and our research center here at NCERC and it links up the activities here with four other community colleges across our state,” says Courtney Breckenridge, BIB project manager. “The areas we focused on with the grant were bioprocess and biofuels and water management.”

In addition to the technical jobs, NCERC recently added intern positions in business-oriented jobs. Up until about 2016, the internships were very STEM-oriented (science, technology, engineering and math). In 2017, they have added interns who have had degree fields such as accounting, public relations, etc.

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### [Bioenergy Internship & Fellowship Opportunities](#)

(U.S. Department of Energy) The U.S. Department of Energy's (DOE's) Bioenergy Technologies Office (BETO) regularly engages interns and fellows in the sciences, engineering, and liberal arts through a variety of internship and fellowship programs, including ...

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### [Education Internships at Idaho National Laboratory](#)

(Idaho National Laboratory) As a Department of Energy facility, INL offers a diverse number of paid internship positions to high school, undergraduate and graduate level students. These internship opportunities enable students to collaborate with experienced ...

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### [Association of Commonwealth Universities' Early Career Academic Grants](#)

Early Career Academic Grants are open to early career academics employed by ACU member universities, enabling them to participate in a conference held in a Commonwealth country other than their own.

A minimum of 30 grants are on ...

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[The Young African Leaders Initiative \(YALI\)](#) is a signature effort to invest in the next generation of African leaders. President Obama launched YALI in 2010 to support young African leaders as they spur growth and prosperity, strengthen democratic governance, and enhance peace and security across Africa.

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The [Mandela Washington Fellowship for Young African Leaders](#) brings 500 dynamic young African leaders, ages 25-35, from across the continent to the United States for 6 weeks of leadership training and mentoring at twenty U.S.



universities and colleges in three areas: business and entrepreneurship, civic engagement and public administration.

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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

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### [2018 Green Chemistry Challenge Awards Open for Nominations April 30; DEADLINE July 2, 2018](#)

April 25, 2018 – (American Chemical Society Green Chemistry Institute) The ACS Green Chemistry Institute® is pleased to announce the opening of the 2018 Green Chemistry Challenge Awards. The U.S. EPA supports the continuation of the awards program for 2018 ...

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### [Seeking 2 Co-Chairs to Lead Next Generation Scientists for Biodiesel — Application Deadline: May 4, 2018](#)

April 18, 2018 – (National Biodiesel Board) The next generation of science thought leaders are gearing up to lead America's energy efforts. And biodiesel, our nation's only commercially available advanced biofuel, is front and center.

Managed by the National Biodiesel Board, the Next ...

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### [The \\$20 Million Carbon XPRIZE: The 10 Finalists, Revealed](#)

April 17, 2018 – by Jim Lane (Biofuels Digest) In New York, XPRIZE announced the 10 teams advancing to the final round in the \$20M NRG COSIA Carbon XPRIZE. The 10 finalists, each taking home an equal share of a \$5 ...

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### [Call for Young Researchers: 2018 Algae Biomass Summit](#)

April 2, 2018 – If you are a student, postdoc or early career professional interested in algae and algae-based technologies, the Algae Biomass Organization (ABO) would like to invite you to our 2018 Algae Biomass Summit, the world's largest algae conference. This year's summit will ...

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### [U.S. Department of Education Green Ribbon Schools](#)

(U.S. Department of Education) The aim of U.S. Department of Education Green Ribbon Schools (ED-GRS) is to inspire schools, districts and Institutions of Higher Education (IHEs) to strive for 21st century excellence by highlighting promising ...

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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.

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### [WEBINAR: Diversifying Revenue through Protein Co-Products — May 10, 2018](#)

April 24, 2018 – Generating the highest value from co-products at ethanol facilities is critical in today's turbulent ethanol market. What are the opportunities to produce high-value protein to maximize co-product value? In this Ethanol Producer Magazine webinar you will hear ...

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[WEBINAR: Introduction to the IBB Biodiesel Food Safety Program — May 10, 2018](#)

April 23, 2018 – The Iowa Biodiesel Board has developed a Food Safety Program for biodiesel producers, designed to assist producers who want to sell glycerin, a byproduct of biodiesel production, for use as an animal food ingredient. The ...

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[WEBINAR: Biofuels for the Marine Sector: New Opportunities and New Challenges — May 8, 2018](#)

April 18, 2018 – IEA Bioenergy invites you to participate in an international webinar entitled, “Biofuels for the Marine Sector: New Opportunities and New Challenges” presented by Claus Felby.

This webinar will be held on Tuesday May 8, 2018 at 4:00 pm ...

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[WEBINARS: Sustainable Aviation Fuel: First Friday Research Highlights — on-going](#)

–Webinar series to highlight and question research areas in the sustainable aviation fuel supply chain

Join us in a series of 40 minute lunchtime talks to highlight the research areas key to supporting the creation of ...

## **Executive, Professional, Technical Training**

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[Certification Program Will Help Biodiesel Producers Meet FSMA Requirements](#)

April 23, 2018 – (Iowa Biodiesel Board) Iowa Biodiesel Board launches program to meet industry need; Webinar takes place May 10 — Biodiesel producers who want to sell glycerin that can end up as an animal food ingredient will soon be ...

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### [RFA Receives Sixth TRANSCAER® Award for Ethanol Safety Seminars](#)

April 10, 2018 – by Emily Druckman (Renewable Fuels Association) For the sixth consecutive year, the Renewable Fuels Association has received a TRANSCAER® National Achievement Award for hosting a series of seminars last year on ethanol safety and emergency responders.

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### [Summer School ZELCOR “Zero Waste Biorefineries: Technical Advances and Sustainability Assessment” — September 2-6, 2018 — Wageningen, The Netherlands](#)



(Graduate School VLAG) The 1st Summer School on waste biorefineries in the context of bioeconomy, with a focus on valorization of recalcitrant side streams. A panel of specialists in the biorefinery field will provide an up-to-date ...

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### [Postgraduate Summer School on Green Chemistry — July 7-14, 2018 — Venice, Italy](#)



(International Union of Pure and Applied Chemistry) The present edition of the Postgraduate Summer School on Green Chemistry will be managed by IUPAC Interdivisional Committee on Green Chemistry for Sustainable Development (ICGCSD). This edition of the Post-graduate Summer ...

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### [Upcoming Ethanol Safety Seminars](#)

The Renewable Fuel Association, in partnership with several industry entities, will be hosting a series of Ethanol Safety Seminars at various locations throughout the United States. This course was developed to give first

responders, hazmat teams, fuel transporters, and safety personnel an in-depth look at proper training techniques needed when responding to an ethanol-related emergency. The seminars are FREE to attend. [READ MORE](#)

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### [Online Ethanol Emergency Response Course](#)

The Renewable Fuels Association is now offering an online version of its Ethanol Emergency Response course for first responders.

The two-hour training course, offered in partnership with the International Association of Fire Chiefs (IAFC) and TRANSCAER®, covers content from the “Training Guide to Ethanol Emergency Response,” which has recently been updated.

This new online training is targeted towards emergency responders, but is open to anyone with interest in ethanol emergency response. Upon completion of the course, participants will have knowledge related to ethanol and ethanol-blended fuels, including the use, chemical and physical characteristics, transportation modes, transfer operations, basics of foam, suggested responder tactics and strategies and environmental issues.



## Online Courses

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### [Consortium Launches Online Algae Intro Course](#)

(Algae Industry Magazine) A new online course in algae basics has just been made available by Coursera for anyone interested in learning the fundamentals

of algae. The Massive Open Online Course (MOOC), Introduction to Algae, was ...

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[Environmental and Energy Law Program at Vermont Law School \(Fellowship Application Deadline: May 1\)](#)

(Vermont Law School) SHAPE ENERGY POLICY—Learn how to use the law to shape policies that encourage energy efficiency, advance renewable energy, and promote energy security and justice.

The legal system will critically affect how humanity meets the ...

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[Climate Generation Offers a Suite of Grades 3-12 Curriculum Resources in the form of Curriculum Guides, as Well as Online Modules that Can Be Downloaded for Free.](#)

(Climate Generation) Aligned with Minnesota state science, social studies and language arts standards, the Next Generation Science Standards and the climate and energy literacy principles, the curricula has been reviewed by scientists, professional educators, and ...

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[RFA Develops 'Ethanol in the Classroom' Program](#)

by Cindy Zimmerman (Energy.AgWired.com) The Renewable Fuels Association has developed a new on-line educational program designed to help tomorrow's consumers get to know ethanol.

The new "Ethanol in the Classroom" course provides a fun and interactive way ...

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[@EthanolRFA Offers Online #Ethanol Emergency Course](#)

by Joanna Schroeder (Energy.AgWired.com) For first responders unable to attend in-person training courses, the Renewable Fuels Association (RFA) is

now offering an online version of its Ethanol Emergency Response course.  
Offered in partnership with the ...

## Featured Study Programs

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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? 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.](#)**

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### [The Digest's Top 10 Innovations for the Week of May 2nd, 2018](#)

May 2, 2018 – by Jim Lane (Biofuels Digest) The pace of invention and change is just too strong, we've realized, to highlight annual or even quarterly or monthly rankings and summaries of significant product and service advances. For now, ...

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### [The Undiscovered Furan Country: The Digest's 2018 Multi-Slide Guide to Origin Materials](#)

May 1, 2018 – by Jim Lane (Biofuels Digest) Origin is a new kind of chemical company, focused on the future of materials science. By finding value in underutilized feedstocks like cardboard, wood waste and agricultural residues, they invent new ...

### [Biofuels Key to Success of Clean Fuel Standard](#)

April 30, 2018 – (Globe Newswire/ Renewable Industries Canada (RICanada) and Advanced Biofuels Canada (ABFC)) Canada's two largest biofuels stakeholders – Renewable Industries Canada (RICanada) and Advanced Biofuels Canada (ABFC), together representing almost 50 member companies – today released the ...

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### [Green Technology Born in Reality: The Digest's 2018 Multi-Slide Guide to Renewable Chemicals](#)

April 30, 2018 – by Jim Lane (Biofuels Digest) The estimable and always fascinating and quotable James Iademarco gave this illuminating overview of the state of renewable chemicals – as he aptly puts it Green Technology born in reality ...

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### [Missouri Biodiesel Coalition Launched to Expand Biodiesel Usage](#)

April 30, 2018 – by Helena Tavares Kennedy (Biofuels Digest) In Missouri, soybean farmers and biodiesel processors, distributors, and retailers have come together to launch a new partnership, the Biodiesel Coalition of Missouri, which aims to grow the use of the ...

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### [Upgraded Aemetis Plant in India Completes Biodiesel Production Using Lower Cost, High FFA Waste Feedstock](#)

April 26, 2018 – (EconoTimes/Aemetis) Pre-treatment Unit Passes First Production Tests Required to Supply BP Singapore Under Three-year Agreement — Aemetis, Inc. (NASDAQ: AMTX) announced today that its Universal Biofuels subsidiary completed the production of high quality distilled biodiesel from lower quality, high ...

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### [India's Biofuels Horizons: The Digest's 2018 Multi-Slide Guide to Praj Industries](#)

April 26, 2018 – by Jim Lane (Biofuels Digest) Praj is an India-based process



solutions specialist with continued leadership in ethanol & brewery space over many years — aiming to emerge as a significant water company within 5 years. The ...

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#### [Growth Energy Announces Partnership between American Ethanol and Universal Technical Institute](#)

April 25, 2018 – (Growth Energy) Today, Growth Energy announced a new partnership initiative between its American Ethanol program and Universal Technical Institute (UTI), the nation's leading provider of technical training for automotive, diesel, collision repair, motorcycle and marine ...

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#### [Hero BX to Manufacture at Iowa Renewable Energy Biodiesel Plant](#)

April 25, 2018 – (Hero BX/Biodiesel Magazine) Biodiesel producer Lake Erie Biofuels LLC, doing business as Hero BX, recently announced a strategic partnership with Iowa Renewable Energy LLC based in Washington, Iowa, to manufacture and market biodiesel from IRE's Iowa facility.

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#### [Braskem Begins Operation in Boston to Strengthen Its Renewable Chemicals Strategy](#)

April 24, 2018 –(Braskem/WebWire) Braskem expands strategy for the future of renewable chemicals — Braskem (B3: BRKM3, BRKM5 and BRKM6; NYSE: BAK; LATIBEX: XBRK), the largest thermoplastics resins producer in the Americas and the worldwide leader in bio-polymers, announced today its ...

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#### [The Digest's 2018 Multi-Slide Guide to Prairie Catalytic, LanzaTech, Synvina, Fulcrum BioEnergy, POET-DSM, Cargilla/Calysta, Enerkem, and REG Geismar](#)

April 24, 2018 – by Jim Lane (Biofuels Digest) ABLC 2018 wrapped up with the ABLC Wolfpack including James Iademarco from Strategic Avalanche, David Dodds with Dodds & Associates, Ron Cascone from NEXANT,

independent consultant Paul Bryan, and Joel Stone from ConVergince. While they ...

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#### [A Bioethanol-Fuelled Bioeconomy](#)

April 23, 2018 – by Mario Bonaccorso (Renewable Matter) ... 700 million tonnes of sugarcane treated in one year; 30.23 billion litres of bioethanol produced in 2015-2016. Used not just as biofuel but also in industries, it (Brazil) is ...

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#### [BBI JU Announces a further € 115 Million of Funding to Boost the Development of EU's Bio-Based Industries Sector DEADLINE: September 6, 2018](#)

April 20, 2018 – (BBI-Europe) The BBI JU is the largest and most ambitious initiative ever launched in the EU to develop competitive and sustainable bio-based industries. The ambition that drove its creation was to bring about the systemic change ...

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#### [Catalyzing Biobased Chemicals: The Digest's 2018 Multi-Slide Guide to the Biochemical Technology Leadership Roundtable](#)

April 20, 2018 – by Jim Lane (Biofuels Digest) With the launch of the Biochemical Technology Leadership Roundtable (BTLR), the ACS GCI seeks to provide a forum for pre-competitive industry collaboration. Building on the American Chemical Society's roundtable model, the ...

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#### [Bill Gates and CowTech: Fix or Replace Our Friends in the Pasture?](#)

April 20, 2018 – by Jim Lane (Biofuel Digest) ... Clearly, meat isn't going away very soon, the cow isn't going away very soon. So, why not invest in sustainable transformation as well as replacement?

That's an approach that was applied ...

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[Partners in Production—Chemical Companies Are Developing Technologies that Would Create New Market Opportunities for the Ethanol Industry](#)

April 20, 2018 – by Tim Albrecht (Ethanol Producer Magazine) The ethanol industry has polished its coproduction of distillers grains. Now, a handful of companies have found different uses for DDGS, or ethanol itself, that can provide new value-added coproducts ...

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[Australian Sugar Industry Warned to Look beyond Biofuel Future](#)

April 19, 2018 – by Lara Webster (ABC Rural) The Australian sugar cane industry is being told to look beyond biofuels due to the risk of future technologies wiping out demand.

Only a fortnight ago the Queensland University of Technology delivered a ...

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[Renewable Biofuels Plant to Be Built in Lakeview, Oregon](#)

April 17, 2018 – 2:56 pm | [No Comment](#)

(The Telegraph/Associated Press) A company has received final approval to start building a renewable-biofuels plant in south-central Oregon.

The Herald and News reports the facility in Lakeview is expected to convert forestry waste into renewable fuels for ...

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[Commonwealth Countries Get Knocked Down, But Get Up Again](#)

April 16, 2018 – by Helena Tavares Kennedy (Biofuels Digest) With 195 countries on the planet today, an impressive 53 countries are Commonwealth countries, including countries in Africa, Asia, the Americas, Europe and the Pacific. They include large, rich countries ...

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[“Brexit Is the Impetus to Reinvigorate”: The Advanced Bioeconomy, Resilience, and a New Role for the Commonwealth?](#)

April 12, 2018 – by Jim Lane (Biofuels Digest) ... CHOGM (Commonwealth Heads of Government Meeting) delegates will hear quite a bit about blockchain, gene editing and about proteins for the food chain and as an advanced material. There's a ...

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[Rural Issues Growing Jobs and Rural Economies: The Farm Bill's Energy Title](#)

April 6, 2018 – by Jessie Stolark (Environmental and Energy Study Institute) Since their inception in the 2002 Farm Bill, Energy Title (Title IX) programs have helped farmers, ranchers, small businesses, and rural communities generate thousands of jobs and millions in economic ...

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[Leaders in Energy Green Career Momentum Program — Arlington, VA — biweekly May 3 to June 21](#)



Are you at a crossroads as you consider your next career move in the Green Economy? Have you been inspired by Leaders in Energy members and speakers working in green jobs whom you've met at ...

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[VIDEO: Sustane Technologies Seeks to Turn Garbage Bags into Biofuel in Chester](#)

April 5, 2018 – by Andrew Rankin (The Chronicle Herald) A 40,000 square-foot building at Chester's landfill is expected to convert garbage bags into about 3.5 million litres of synthetic diesel every year.

The facility intends to take on 90 per cent ...

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### [Auto Bits: 3 Ways Soybean Farmers' Biodiesel Helps Clear the Air](#)

April 4, 2018 – (The Examiner) ... Soybean farmers have been at the forefront of developing a homegrown renewable fuel that has resulted in a dramatic improvement of the air quality in the Gopher state.

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### [Cleaner Cars Create Jobs — New Study Shows Strong Vehicle Standards Boost Economy](#)

April 3, 2018 –(Union of Concerned Scientists) Vehicle efficiency and emissions standards are a remarkably successful policy, delivering cleaner cars every year, saving drivers money at the pump, and reducing the pollution that causes climate change. A new study has found ...

## Requests for Speakers, Posters, Presenters

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

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## Grants

For information about [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  
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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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