

MONTHLY UPDATE

January 2014

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Participation Opportunities

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Volunteers Needed for IowaBio's SSTFI Judging Panel

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Judges Needed for March 28, 2014!

This year's fair is taking place on **Friday, March 28th** and IowaBio is looking for judges to participate on our scholarship judging panel! This will require participation from approximately 9:00am-1:00pm where you will interview pre-selected projects and score them using a designated form. Near the end of the afternoon, the judging panel will reconvene and select the top five projects to receive scholarships. If you are interested in being an IowaBio Scholarship Panel judge, [please click here](#).

About the Event

The [State Science & Technology Fair of Iowa](#) (SSTFI) is affiliated with the Intel International Science & Engineering Fair, the world's premier pre-collegiate science fair. The SSTFI is open to any student in the state of Iowa in grades 6-12. During the event, over 400 student research projects presented by more than 500 students are judged on the following criteria: creative ability, scientific thought or technology goals, research thoroughness, technical skill, clarity and dramatic value in the oral presentation.

The event culminates with the Grand Award Ceremony where over \$80,000 in scholarships and prizes provided by generous Iowa sponsors are awarded to Iowa students for their excellence in research. In addition, trips to the Intel International Science & Engineering Fair are awarded to the top two individuals, the top team project and their teachers.

Each year, Iowa Biotech Association awards five scholarships to students for exhibiting the best use of biotechnology. Awardees attending an in-state institution of higher learning are awarded a \$2,000 scholarship while those attending an out-of-state institution are awarded a \$1,000 scholarship. Since 2000, the IBA has given 68 scholarships to Iowa students who presented at the SSTFI.

New Member Spotlight

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Iowa Taxpayers Association

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The Iowa Taxpayers Association (ITA) was formed in March 1935 by a group of concerned leaders from business and agriculture “to bring about, through nonpartisan means, the greatest possible economies of government.” Not coincidentally, this was a year after the state first started collecting a 2% tax on corporate income. ITA’s long-standing record of hard work and service is a point of intense pride for the Association.

Today, ITA is an association composed of companies and organizations that represent Iowa’s most involved corporate citizens. They share the same ideal of promoting tax policy that is fair, accountable, and competitive. ITA is a respected source of objective information and advocates for rational laws and regulations as they relate to corporate tax issues.

Special recognition goes to the companies, organizations, and individuals listed on the reproduced meeting minutes and attendance rolls from 1935, for they had the foresight and determination to found a statewide group of business taxpayers to work on the development of sound business tax policy.

Charter Members:

- Associated General Contractors of Iowa
- Iowa Association of Business and Industry (formerly the Iowa Manufacturer's Association)
- Iowa Farm Bureau Federation
- Iowa Telecommunications Association (formerly the Iowa Telephone Association)
- Iowa Utility Association
- MidAmerican Energy Company (successor to Peoples Light Co. in Davenport)

Most companies and organizations don’t have the resources necessary to research and lobby on issues that can seriously affect their business. Thanks to these chartered members the association has grown to provide a wealth of resources. As a member of ITA, you’ll benefit from people working on your behalf to protect the interests of your company.

- We provide insightful advice and timely action on issues being discussed at the Iowa Capitol as well as other issues that are important to member organizations.
- We conduct research and monitor regional and national business issues that impact the tax status of your corporation in Iowa, and we communicate in a weekly newsletter and other publications.
- We develop rules and draft legislation that focus on maintaining a competitive corporate tax environment in Iowa and encourage the growth of business in the state.
- We publish the Statements of Policies & Legislative Initiatives booklet that sets forth ITA’s position on key state business issues.

With the vision of our early chartered members and involvement of Iowa’s leading corporate citizens, ITA has remained at the forefront of nonpartisan business tax policy development and issue advocacy in Iowa — and will for years to come.

For more information, please contact the Association’s President, Dustin Blythe, at 515.243.0300 or Dustin@iowataxpayers.org.

Website: www.iowataxpayers.org

YouTube: www.youtube.com/user/IowaTaxpayers/videos

Twitter: twitter.com/IowaTaxpayers

Upcoming Events

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Midwest Events

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Agribusiness Showcase & Conference

February 11-12, 2014 / Des Moines, IA

The Agribusiness Showcase and Conference is about giving attendees the opportunity to explore the innovative tools they need to grow their business, now and into the future. The industry's innovation and technology will be showcased through featured speakers, presentations, and exhibitors. Workshops and exhibits pertain to everyone in the industry – agribusiness senior management, Certified Crop Advisers, grain professionals, pesticide applicators, and more.

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Gene Expression Analysis and Biomarker Discovery Using The Human Protein Atlas

February 11, 2014 / Webinar

Webinar participants will discuss the overall structure and content of the HPA and its four sub-atlases including the Normal Tissue Atlas, which contains information on protein expression in normal tissues; the Subcellular Atlas, which provides data on protein subcellular localization; the Cancer Atlas, which covers protein expression across different types of cancer; and the Cell Line Atlas, which contains protein expression information for different cell lines.

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Pittcon 2014

March 2-6, 2014 / Chicago, IL

Pittcon is the world's largest annual premier conference and exposition on laboratory science. It is organized by The Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy, a Pennsylvania not-for-profit educational corporation which is comprised of the Spectroscopy Society of Pittsburgh (SSP) and the Society for Analytical Chemists of Pittsburgh (SACP). Pittcon attracts more than 18,000 attendees from industry, academia and government from 90 countries worldwide and is managed by a committee of volunteers and a 11-person staff.

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One Health Biomanufacturing Summit & Industry Expo

March 5-6, 2014 / Kansas City, KS

The 2014 Summit is for bioscience industry companies, research enterprises, and supporting organizations. Topics cover human and animal health, manufacturing strategies, regulatory issues, and cell-culture production. Speakers and topics appeal to a broad audience of senior level industry professionals working within manufacturing, process development and product operations, as well as civic leaders and educational professionals with an interest in people, animals and the environment.

\$300 Discount for IowaBio Members! [Click Here](#) to learn more

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Global Events

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BioAsia 2014

*February 17-19, 2014
Hyderabad, India*

5th International Conference on Food Engineering and Biotechnology

*March 12-14, 2014
Penang, Malaysia*

International Biomass Conference & Expo

*March 24-26, 2014
Orlando, FL*

PEGS China

*April 1-3, 2014
Shanghai, China*

Adoptive T Cell Therapy Conference

*May 7-8, 2014
Boston, MA*

BIO World Congress on Industrial Biotechnology

*May 12-15, 2014
Philadelphia, PA*

BIO International Convention

*June 23-26, 2014
San Diego, CA*

All events can be found on our website's [Events Calendar](#)

[Iowa Governor's Conference on Public Health](#)

April 1-2, 2014 / Ames, IA

The Iowa Governor's Conference on Public Health is a one-of-a-kind event blending many facets of public health. This unique conference is planned by a group of partners, including: Child Health Specialty Clinics, Iowa Counties Public Health Association, Iowa Department of Public Health, Iowa Environmental Health Association, Iowa Public Health Association, State Hygienic Laboratory at the University of Iowa, and the University of Iowa College of Public Health. Over 500 public and environmental health professionals are expected to attend the 2-day conference.

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[Prometheus Awards](#)

April 9, 2014 / Des Moines, IA

The Prometheus Awards have been established as Iowa's largest and most prestigious distinction dedicated to recognizing and celebrating the innovation and brilliance of Iowa's high-tech industry. This ceremony honors both companies and individuals who have demonstrated outstanding leadership and excellence in technology. As one of the sponsors of this event, IowaBio is reserved a table for its staff and members.

**If you are an IowaBio member and would like to join our table, please email
Melissa Moyer at melissa@iowabio.org to check availability.**

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[Save the Date! – IowaBio 4th Annual Golf Outing](#)

June 5, 2014 / Norwalk, IA

IowaBio will be hosting its Fourth Annual Golf Outing on Thursday, June 5, 2014, at The Legacy Golf Club in Norwalk, Iowa. The outing is for IBA members and affiliates, and is a great opportunity to enjoy some sun, meet other IowaBio members and become more familiar with our vendors, who we thank for generously sponsoring these events. We kindly encourage attendees to bring a member from their Purchasing/Procurement department so they can learn more about IowaBio's vendors and discounts available through our **BioVantage Program**.

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[Livestock Biotech Summit](#)

September 16-18, 2014 / Sioux Falls, SD

This unique conference offers a focus on genetic engineering of agricultural animals including benefits, research and development, regulatory system, and challenges to advancing health, food and industrial applications of animal biotechnology.

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Industry News

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News stories containing company logos indicate IowaBio members

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Food & Agriculture



- ♥ **Lt. Governor Reynolds** Announced as **Agribusiness Showcase & Conference Keynote Speaker**



- ♥ **Diamond V** gets visit and praise from **Governor Branstad**



The miracles of science™

- ♥ **UK farm minister** calls for EU to **approve GM corn** in vote



- ♥ **Monsanto** says **biotech wheat** moves closer to market
- ♥ Learn More About **USDA's BioPreferred Program**
- ♥ **General Mills** Has a Soggy Idea for **Cheerios**
- ♥ USDA opens door to **new herbicide-resistant seeds**
- ♥ A Lonely Quest for Facts on **Genetically Modified Crops**
- ♥ **Ghana Minister**: No Turning Back, We are **Adopting GM**
- ♥ **Texas A&M** researchers to study **cowpea drought and heat tolerance**
- ♥ **Biotech crop** opponents slowing **federal approval**
- ♥ **Genomic Approaches** Help in Effort to Increase **Food Security**
- ♥ **China renewal of GMO corn** import certificates good sign –Vilsack
- ♥ **Biotech's Mommy** Issue
- ♥ Neogen Licenses **Genomics Tools** to Improve **Beef, Dairy Cattle**
- ♥ Sierra Resins forms **bioplastic** venture using **waste from fisheries**
- ♥ Reps. Tara Sad and Bob Haefner: **Why labeling GMO foods makes no sense**
- ♥ **House rejects** genetically modified foods **labeling**
- ♥ Technology Aims to **Produce More Corn Using Less Water**
- ♥ **Maine Voices: GMOs' benefits to world's hungry** belie claims by crops' critics
- ♥ **Plant-based compound** maintains memory against **Alzheimer's in mice**



KemPharm INC

- ♥ **KemPharm Strengthens its Board of Directors** as Company Prepares for **Multiple Clinical and Business Milestones** in 2014



- ♥ Massachusetts General Hospital Adopts **Advanced Analytical Technology** in **Fight Against Cancer**



- ♥ Biz Buzz: New heights for **NewLink Genetics**



- ♥ **Amgen lipid-lowerer evolocumab** impresses again
- ♥ A **bioprinting pen** 'draws' living cells onto **damaged bone**
- ♥ **Preventing Brain Tumors** by Zeroing In on **Cancer Stem Cells**
- ♥ Creating **living brain cells** from deceased **Alzheimer's** patients' **biobanked brain tissue**
- ♥ **Bioresorbable plastic stents** will be a big story in 2014
- ♥ Revving the **Stem Cell Engine**
- ♥ Does **Illumina** Have the First **\$1,000 Genome?**
- ♥ **Printed Eye Cells** Could Help Treat **Blindness**
- ♥ **Novel Biomarkers** May Detect **Pancreatic Cancer** at Early Stage
- ♥ Natural Sugar Gets **Aptamer Inside Tumor Cells**
- ♥ **Salmonella infection** mitigates **asthma**
- ♥ **TGen** Joins American Humane Association in Study of **Autism Tendencies in Canines**
- ♥ Discovery links **genes** to **excess belly fat**
- ♥ Two of History's **Deadliest Plagues Were Linked**, With Implications for Another Outbreak
- ♥ **DDT Metabolite** Linked to Heighted Risk of **Alzheimer's Disease**
- ♥ **Plant-based compound** maintains memory against **Alzheimer's in mice**
- ♥ Tufts study: Data suggest **breakthrough therapy designation meets goals**
- ♥ **Acid shock breakthrough** could finally make **stem cells** practical
- ♥ **New Potential Cell Therapy** for **Parkinson's**



- ❖ **Diamond V** gets visit and **praise** from **Governor Branstad**



Iowa Renewable Fuels Association

- ❖ **Iowa Biodiesel Production** of 230 Million Gallons **Sets Record** in 2013
- ❖ **Branstad: I'll fight for ethanol**
- ❖ In Iowa, **Renewable Energy Group** acquires **LS9**
- ❖ **Western Dubuque Biodiesel Plant** Stops Production
- ❖ **REG Biodiesel Will Power** Generators at **Super Bowl** Venue, NYC Celebrations
- ❖ **Industrial Biotechnology: A Conversation with J. Craig Venter, PhD**
- ❖ Global Plastics Issue: Green grows the **plastics industry**
- ❖ Most **Automakers** on Board with **E15**
- ❖ North Carolina State researchers make **biofuel cheaper to produce**
- ❖ Top 10 **Biofuels & Biobased Predictions** for 2014
- ❖ Timberland, Seventh Generation take **green chemistry mainstream**
- ❖ Boeing seeks approval for **green diesel as new aviation biofuel**
- ❖ Can **Grass** Be a **New Biofuel?**
- ❖ Sierra Resins forms **bioplastic** venture using **waste from fisheries**
- ❖ **Audi** to Work With **Global Bioenergies** on **Clean Fuel** for Autos
- ❖ Iogen Announces New Drop-In Cellulosic Biofuel: 5-6B gallon potential
- ❖ Chemical process turns **any plant matter**—even trees—**into biofuels**
- ❖ Is **Algae** the Next Big **Energy Source?**
- ❖ The **101 Hottest Biofuels Feedstocks: The Digest's 5-Minute Guide**
- ❖ **Biomethane** for use as a **transport fuel**
- ❖ **Clariant, Haltermann, Mercedes-Benz** fleet test of **cellulosic ethanol E20 blend**

In Other News...

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Iowa Biotech **Educator**

Winter 2014 Issue of ISU's "Educator" Released

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Highlights of this season's edition include:

- Registration for summer 2014 biotechnology education workshops in Ames
- NSF summer research internships in Ames for biology teachers, grades 9-12
- NSF summer academy on biorenewables in Ames for middle school science teachers
- Award opportunities for Iowa educators
- State Science and Technology Fair of Iowa
- Ames Laboratory/ISU Regional Science Bowls
- News from ISU's Biotechnology Outreach Education Center
- Biotech resources on the Internet

[Click here to view the newsletter](#)

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Available Now! 2014 NIH SBIR & STTR Omnibus Grant Solicitation for Small Businesses

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Are you a small business in need of funding to advance your novel cancer technology?

The 2014 SBIR and STTR Omnibus Grant Solicitation of the NIH is now live and the National Cancer Institute's (NCI) budget for the program is increasing. Funding from the NCI Small Business Innovation Research & Small Business Tech Transfer (SBIR & STTR) Programs can help you advance your technology towards commercialization and can also help spark investor interest in your business.

The **next application due date is April 5, 2014**. We encourage you to start preparing your application and are happy to provide feedback on your project. If you'd like to take advantage of this opportunity, please email the NCI SBIR program director listed in your relevant technology area. Also be sure to check that all of your required registrations are complete. It's never too early to start the registration process.

[Click here to learn more.](#)

Subscriber Information

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This message was sent to you as a benefit of membership with IowaBio and/or a subscriber of our monthly newsletter. If you know of a company that would benefit from the Association's advocacy, financial savings and education/workforce focus, please have them contact the Association at 515-327-9156 or email info@iowabio.org. Membership details are also available at www.iowabio.org/membership.

If you would like more information on any topic or no longer wish to receive these messages, please email melissa@iowabio.org or call 515-494-9242.

Speaker Opportunities

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IowaBio staff members are available to give 15-60 minute speeches to interested groups, such as Rotary Clubs, trade associations, or civic groups. A broad range of topics could be discussed, included biotechnology, healthcare, food vs. fuel, legislative policy, investment and more. Contact Melissa Moyer at (515) 327-9156 or melissa@iowabio.org.