

IowaBio February 2015

MONTHLY UPDATE

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PARTICIPATION OPPORTUNITIES

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Partnering for Growth Forum

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About the Partnering for Growth Forum

ONE MONTH LEFT TO REGISTER! Please join IowaBio at its upcoming [Partnering for Growth Forum](#), which will be held on **April 1, 2015 at the FFA Enrichment Center on the DMACC Campus in Ankeny**. The Forum focuses on multiple biotech industries active in the state of Iowa. Topics will cover Food & Agriculture, Industrial & Environmental and Healthcare & Pharmaceuticals. By incorporating keynote speakers, discussion panels, exhibitors and individual tracks that cater to these various sectors, we hope to make this event a premier learning, collaboration and networking highlight for the biotech community.

Registration

The deadline to register is **March 24th**. To register, visit www.iowabio.org/pfgregister.

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Keynote Guests

- **Gary Lorenz** - Ankeny Mayor
- **Robert J. Denson** - President and CEO of Des Moines Area Community College
- **Governor Terry Branstad** – Governor of Iowa
- **Debi Durham** - Director of Iowa Economic Development Authority
- **Wendy Wintersteen, PhD** - Endowed Dean of the College of Agriculture and Life Sciences at Iowa State University and Director of the Iowa Agriculture and Home Economics Experiment Station
- **Ty Vaughn, PhD** - Director of Global Regulatory Affairs at Monsanto Company
- **Brian Crowe** - Interim Economic Development Strategist of Cedar Rapids Metro Economic Alliance
- **Brent Willett, CECD** - Executive Director of Cultivation Corridor
- **Dr. James Reecy** - Professor of Animal Science, Director of the Office of Biotechnology at Iowa State University
- **Nicholas Vahanian, MD** - President and Chief Medical Officer of NewLink Genetics
- **DL "Hank" Harris, DVM PhD** - President and CEO of Harrisvaccines

Partnering Meetings

This event is all about bringing different companies, industries and sectors together to help each other and continue Iowa's growth and leadership in biotechnology! Throughout the entire event, guests will be able to hold individual Partnering Meetings with other attendees to discuss their companies, services, and how they can work together. Learn more by visiting www.iowabio.org/pfgpartnering.

Cost per Person

IowaBio Members

Entrepreneur & Core: **Free**
Support & Institutional: **\$25.00**

Non-Members

All Industries: **\$40.00**

Who Should Attend

Senior leaders in biotechnology involved with:
Research & Development, Business Development,
Funding, Human Resources or Issues Management.

Public leaders involved in programs that assist the
biotech sector through a funding, regulatory and/or
economic development perspective.

Agenda

To view the current agenda,
[please click here](#)

A Special Thanks to our Confirmed Sponsors!

Gold Sponsors

Iowa Economic Development Authority, Iowa Innovation Corporation,
Biotechnology Industry Organization, Fisher Scientific

Silver Sponsors

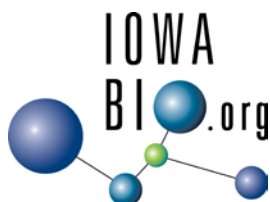
Des Moines Area Community College, PhRMA, VWR International

Copper Sponsors

Exemplar Genetics, Monsanto, DuPont, Iowa Renewable Fuels Association,
Pfizer, CRB, Ames Economic Development Commission,

Bronze Sponsors

Praxair, Eurofins, EcoEngineers, Center for Bioplastics and Biocomposites,
Hamilton IP Law, BrownWinick Law Firm, Cultivation Corridor, University of
Iowa Pharmaceuticals, City of Ankeny, Wynn O. Jones, Office Depot|Max,
Corning, Hicks-Ashby Co. - A division of Haldeman-Homme, Principal Financial



Volunteers Needed for IowaBio's Judging Panel at Science Fair

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Judges Needed for March 26, 2015!

This year's fair is taking place on **Thursday, March 26th** and IowaBio is looking for judges to participate on our scholarship judging panel! This will require participation from approximately 9:00am-2:00pm where you will interview pre-selected high school projects and score them using a designated form. Near the end of the afternoon, the judging panel will reconvene and select the top five students to receive scholarships.

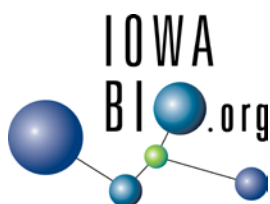
♥ *If you are interested in being an IowaBio Scholarship Panel judge, [please click here.](#)*

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.

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 73 scholarships to Iowa students who presented at the SSTFI.



IowaBio Legal Symposium: Intellectual Property

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On Thursday, April 30, 2015 Iowa Biotechnology Association (IowaBio) will be hosting a Legal Symposium focused on Intellectual Property issues faced by biotech companies today. The event will feature IowaBio's member law firms, who are top experts in the IP field, and will take place at the Alumni Center at Iowa State University in Ames, Iowa. **The event is FREE to IowaBio members.** Additional attendees will be charged \$25.00 per person. Please feel free to [share this event](#) with industry contacts and co-workers!

Register by April 27th at www.iowabio.org/IP
This event has been approved for 5.75 credit hours of CLE

Legal Symposium Details

Location

Iowa State University Alumni Center, Reiman Ballroom South, 420 Beach Avenue, Ames, Iowa 50011

Parking on East Side of Building

Agenda

8:30am – 12:05pm
Morning Presentations

12:05pm – 12:45pm
Lunch

12:45pm – 3:30pm
Afternoon Presentations

3:30pm – 4:00pm
Networking Reception & Refreshments

Cost

IowaBio Members: Free
Non-IowaBio Members: \$25/person

Presentations

Morning Presentations

IP Pitfalls and Traps to Avoid - Protecting Your IP, Reducing Liability and Risk

Finding Financing for IP Development Efforts

Experimental Use and Public Disclosure Issues as They Relate to Patent Protection

Post Grant Proceedings and the Biotech Industry

Afternoon Presentations

Latest Trends in Patents

101 Patent Issues and Strategies after Prometheus

Participating Law Firms

 **BRICK GENTRY PC.**
We put clients first.

 **BrownWinick**
ATTORNEYS AT LAW*

 **DAVISBROWN**
LAW FIRM

FAEGRE BAKER DANIELS

 **HAMILTON IP LAW**
REGISTERED U.S. PATENT ATTORNEYS

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Real World Externships Program

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Real World Externships for Teachers of Mathematics, Science and Technology provide an opportunity for teachers to bring back to the classroom authentic lessons as applied in business and industry and is a mutually beneficial program for the business and teacher. **Businesses** benefit from the talents and fresh insights of a teacher on site. **Teachers** benefit from six weeks of paid project work applying their knowledge to actual challenges faced by those engaged in STEM careers. **Students** benefit from teachers who can answer, "When am I ever going to need this?" Additionally, through your participation in the program, not only are you impacting local teachers but you are possibly impacting your local future work force! As a vital business/industry in your community, a partnership with the Real World Externships helps your local schools prepare 21st century graduates, employees and citizens.

The benefits of this unique school/business alliance include:

- Create lasting partnerships between businesses/industries and local schools.
- Match talented, educated and technology-savvy teachers as participants and contributors to your business needs.
- Give students real-world career information about businesses and industries right here in Iowa and the skills students need to succeed.
- Gain publicity through the program's promotion of the school/business partnership, recognizing your commitment to education in Iowa.

Role of the Business Host

- Identify a hands-on, minds-on project for a teacher extern to complete in **five-to-six full-time weeks in June and July**. Projects should allow teacher externs to contribute to company operations by applying mathematics, science and technology skills.
- Hosts are encouraged to cost-share by contributing the teacher's compensation of \$150/day up to \$4,500.

What could a teacher do for your business? Click here for [brief examples of past Externships](#).

Questions about hosting a teacher-extern? Interested in partnering in Summer 2015? Contact Externships@iowastem.gov or 319-273-2959.

Real World Externships would not be possible without our valuable partners throughout the state of Iowa. Click for a [complete list of past business/industry participants](#).

NEW MEMBER SPOTLIGHT

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HAMILTON IP LAW
REGISTERED U. S. PATENT ATTORNEYS

Hamilton IP Law

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Hamilton IP Law is a dedicated Intellectual Property Boutique firm with offices in Davenport and Coralville, Iowa, primarily serving Eastern Iowa and Western Illinois. With patent, trademark, copyright, and franchise clients throughout North America, Hamilton IP Law's four attorneys are dedicated exclusively to Intellectual Property matters. The attorneys at Hamilton IP Law have years of experience securing patents, trademarks, and copyrights for a broad range of clients. Our creative approach to building, maintaining, and enforcing an intellectual property portfolio centering on commercial viability will allow your company to Own the Market®.

The firm was founded by Jay R. Hamilton, who has an MBA with emphasis in Entrepreneurship and Finance, to assist inventors and innovators for the chief purpose of allowing them to respond to the constantly evolving market. Building a strong intellectual property portfolio is fundamental to keeping innovators and entrepreneurs ahead of the competition. The attorneys of Hamilton IP Law understand what it takes to advise on new product development, early stage company growth, and increasing market share and visibility.

The attorneys of Hamilton IP Law combine a particularly unique matrix of skills and talents, cultivated through educational backgrounds and experience in chemical engineering, mechanical patents, finance and entrepreneurship, and art and mass communications. Partner Charles A. Damschen keeps a finger on the academic pulse of IP while teaching as an adjunct lecturer at The University of Iowa College of Law. In addition to serving Fortune 500 companies, the attorneys at Hamilton IP Law are also personally experienced entrepreneurs, giving them a unique and personal understanding of the idea-to-market process. With this breadth of knowledge and dedicated IP expertise, Hamilton IP Law will advise you in all phases of your IP needs, most importantly how your IP can best serve you and your company in market success.

Hamilton IP Law is an active member of the Quad City Chamber of Commerce, Iowa City Area Chamber of Commerce, the Iowa State Bar Association, Johnson County Bar Association, Scott County Bar Association, and the Iowa Intellectual Property Law Association, as well as the Technology Association of Iowa, and the Iowa Biotech Association. Hamilton IP Law's attorneys also maintain individual memberships with the American Bar Association, the American Intellectual Property Law Association, and the International Trademark Association.

For more information, please visit hamiltoniplaw.com.

Own **The Market**®

UPCOMING EVENTS

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Midwest Events

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6th Annual One Health Summit

March 10-11, 2015 / Kansas City, KS

One Health Summit 2015 focuses on the pragmatic implementation of One Health principles in the drug development process; from start-up to market. Attendees will hear detailed discussions from regional, national, and international experts on establishing new companies, planning IND/INAD-enabling studies, FDA/USDA regulatory requirements, clinical trials, and global market concerns and opportunities.

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2015 Statewide STEM Summit

March 30, 2015 / Des Moines, IA

The Statewide STEM Summit is an examination and discussion of the statewide programs and task-forces underway through the Governor's STEM Advisory Council aimed at providing the best STEM possible to the preK-12 students of Iowa. You can look forward to information about regional networks, teaching awards, communication strategies, graduation requirements, business partnerships, STEM classrooms, professional development, informal STEM, counselors, the Arts, STEM volunteers, Broadband Internet, teacher training, evaluation strategies, and more.

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Partnering for Growth Forum

April 1, 2015 / Ankeny, Iowa

The Forum focuses on multiple biotech industries active in the state of Iowa. Topics will cover Food & Agriculture, Industrial & Environmental and Healthcare & Pharmaceuticals. By incorporating keynote speakers, discussion panels, exhibitors and individual tracks that cater to these various sectors, we hope to make this event a premier learning, collaboration and networking highlight for the biotech community.

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Global Events

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ABLC 2015

*March 11-13, 2015
Washington, D.C.*

Biomarker Summit 2015

*March 18-20, 2015
San Diego, CA*

BIT's 6th Annual Symposium of Enzyme & Biocatalysis

*April 25-28, 2015
Nanjing, China*

PEGS Boston

*May 4-8, 2015
Boston, MA*

AAPS National Biotechnology Conference

*June 8-10, 2015
San Francisco, CA*

BIO International Convention

*June 15-18, 2015
Philadelphia, PA*

BIO World Congress on Industrial Biotechnology

*July 19-22, 2015
Montreal, Canada*

**View All Upcoming Events
on our
[Events Calendar](#)**



[Midwestern Scientific Research Career Fair](#)

April 11, 2015 / Omaha, Nebraska

This multi-university event is to assist graduate and professional students from all disciplines to explore and pursue post-graduate work in the Midwest. Representatives from industry, academia, government entities, and alternative careers in science will publicize their career opportunities and recruit possible candidates while also providing guidance on the future career aspirations of our fair participants.

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[IowaBio Legal Symposium: Intellectual Property](#)

April 30, 2015 / Ames, Iowa

IowaBio will be hosting a Legal Symposium focused on Intellectual Property issues faced by biotech companies today. The event will feature IowaBio's member law firms, who are top experts in the IP field, and will take place at the Alumni Center at Iowa State University in Ames, Iowa. The event is FREE to IowaBio members. Additional attendees will be charged \$25.00 per person.

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IN THE NEWS

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News stories containing company logos indicate IowaBio members

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[Food & Agriculture](#)

Food & Ag



- **IEDA Board Approves Reinvestment District Funding for Waterloo and Incentives for Rembrandt Enterprises**



- **Cedar Valley TechWorks wins \$12 million in state financing**



- **Next Class Products to Deliver Top Performance for **Asgrow®** and **Dekalb®** Brands in 2016**



- **Researchers Make **Fish Feed** from **Iowa Agricultural Commodities****
- **Gene May Help **Reduce GM Contamination****
- **Ethanol industry gets its own **biotech corn****
- **Development of **Flood Tolerant Barley** through N-end Rule Pathway Manipulation**

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Healthcare & Pharmaceutical

Health & Pharma

- ♥ **Dementia cure within a decade**, predicts NHS England official
- ♥ The Good, the Bad and the Ugly: **CPhI Panel's Pharma Predictions for 2015**
- ♥ How can we better **measure biomedical innovation?**
- ♥ **Customized Soap Bubbles** Set to Transform **Drug and Vaccine Delivery**
- ♥ Promising data bodes well for **all-Achillion hep C treatment**

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Industrial & Environmental



Industrial & Environmental

- ♥ **Iowa road funding bill** passes with reduced tax rate for **BI I**
- ♥ **Golden Grain Energy** looks to its **1 billionth gallon of ethanol**
- ♥ **Biobatteries**: Taking battery technology to the next level
- ♥ Friday Funnies: **Squirrels ate my car**
- ♥ **Ethanol industry** gets its own **biotech corn**
- ♥ USU opens new facility to manufacture **synthetic spider silk**

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STEM (Science, Technology, Engineering & Math)

STEM

-  ♥ **Des Moines** teacher wins **STEM award**
- ♥ **Sidney teacher** receives **STEM award**
- ♥ **STEM accomplishments** to be showcased at **capitol**
-  ♥ **UI selects rural schools** for rigorous STEM program
- ♥ Starting Young **Girls Early in STEM**
- ♥ Northwest Region **STEM Hub partnership renewed**
- ♥ **Branstad, Reynolds** get interactive tour of **Sioux Center STEM program**

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.