

IowaBio January 2015

MONTHLY UPDATE

Inside This Issue

- | | | | |
|-----|---|-----|---|
| 1-4 | <u>Participation Opportunities</u> Partnering for Growth Forum Dream Big Grow Here Grant Real World Externships Program BIO International Convention → <i>\$200 off for IowaBio Members!</i> | 6-7 | <u>In the News</u> Food & Agriculture Healthcare & Pharmaceutical Industrial & Environmental STEM |
| 5 | <u>Upcoming Events</u> Midwest Events Global Events | 8 | <u>In Other News</u> ISU's Winter 2015 "Educator" Released |
| | | 8 | <u>Subscriber & Speaker Information</u> |

PARTICIPATION OPPORTUNITIES

[\(Return to Index\)](#)



Partnering for Growth Forum

[\(Return to Index\)](#)

About the Partnering for Growth Forum

Please join the Iowa Biotechnology Association (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.

Continued on Page 2

Confirmed Keynote Guests

- **Gary Lorenz** - Ankeny Mayor
- **Robert J. Denson** - President and CEO of Des Moines Area Community College
- **Debi Durham** - Director of Iowa Economic Development Authority
- **Bill Northey** - Iowa Secretary of Agriculture
- **Dr. Robert T. Fraley** - Executive Vice President and Chief Technology Officer of 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, Fisher Scientific

Silver Sponsors

PhRMA, Des Moines Area Community College, VWR International

Copper Sponsors

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

Bronze Sponsors

Praxair, Eurofins, Center for Bioplastics and Biocomposites, University of Iowa Pharmaceuticals, City of Ankeny, Wynn O. Jones, Office Depot|Max, Corning, Principal Financial

www.iowabio.org/pfg



Statewide Business Grant Contest Now Accepting Entries

[\(Return to Index\)](#)

The award winning [Dream Big Grow Here](#) business grant contest is back and **the deadline to enter has been extended to February 13th!** The initiative, a program of the UNI Regional Business Center, provides an opportunity for current Iowa businesses or individuals dreaming of starting a business to win up to \$15,000.

The contest starts with six industry specific grant contests, where the winners will receive \$5,000. Each of those winners then get the chance to pitch their business at the statewide EntreFest conference in May, where the winner will receive an additional \$10,000.

“We are excited at the changes we’ve made to the program this year around,” says program manager Rob Williams. “We’ve been hard at work expanding the contests to cover the entire state, and improve the entry process to ensure that every entrant will see significant value in participating in this year’s program- regardless of whether they end up receiving one of the business grants.”

The program, now in its fifth year, has won numerous national economic development awards for its innovative approach to helping Iowa businesses start or grow. For additional information or to apply, visit [DreamBigGrowHere.com](#). Dream Big Grow Here is an initiative of the University of Northern Iowa Business & Community Services division and is supported by a variety of statewide sponsors, including Renew Rural Iowa, VentureNet Iowa, IASourceLink, Iowa Bankers Association, and Veridian Credit Union.

For more information, please visit www.dreambiggrowhere.com.



Real World Externships Program

[\(Return to Index\)](#)

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.

Continued on Page 4

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](#).



BIO International Convention

\$200 off for IowaBio Members – Register by February 28th!

[\(Return to Index\)](#)

Members of IowaBio have the opportunity to take advantage of a **\$200 discount** on Convention Access or Convention Access & Partnering for the 2015 BIO International Convention **if you register in the month of February**. That's on top of BIO's early bird discount! To receive the discount code to save \$200, please contact Melissa Moyer at melissa@iowabio.org.

The BIO International Convention is the world's largest and most prestigious biotechnology event, drawing 15,000 industry leaders from more than 60 countries. BIO 2015 will take place June 15-18, 2015 in Philadelphia, PA and offers targeted educational programming, and three days of networking and One-on-One Partnering with thousands of companies in the BIO Exhibition and BIO Business Forum.

If your company is also a BIO member, no extra steps are required to receive the lowest rates on registration and exhibition. Be sure to register by April 23 to receive the early bird discount!

For more information about the BIO International Convention, please visit <http://convention.bio.org>.

UPCOMING EVENTS

[\(Return to Index\)](#)

Midwest Events

[\(Return to Index\)](#)

Agribusiness Showcase & Conference

February 10-11, 2015 / Des Moines, Iowa

The Agribusiness Showcase & Conference offers educational opportunities for Certified Crop Advisers (CCAs) and other agribusiness professionals while showcasing industry innovation and technology through featured speakers, presentations and exhibitors to over 1,000 attendees. The goal of the event is to give attendees the opportunity to explore the innovative tools they need to grow their business, now and into the future.

[\(Return to Index\)](#)

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.

[\(Return to Index\)](#)

2015 Statewide STEM Summit — Save the Date!

March 30, 2015 / Des Moines, IA

The 2015 Statewide STEM Summit is only a few months away and the details of the event's activities and speakers are still being finalized. Register for FREE by [clicking here](#) and you'll receive updates as the conference draws closer.

[\(Return to Index\)](#)



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.

[\(Return to Index\)](#)

Global Events

[\(Return to Index\)](#)

BIO CEO & Investor Conference

February 9-10, 2015
New York City, NY

20% Discount for IowaBio Members!

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

BIO International Convention

June 15-18, 2015
Philadelphia, PA

\$200 off for IowaBio members in February!

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



IN THE NEWS

[\(Return to Index\)](#)

News stories containing company logos indicate IowaBio members

[\(Return to Index\)](#)

Food & Agriculture

Food & Ag
[\(Return to Index\)](#)

- ✔ Submit your nomination for **The World Food Prize**
- ✔ **Rastetter to host presidential candidates** for a forum on **agriculture** issues
- ✔ Iowa **GMO Banana Trial** Halted
- ✔ Biotech firm working to develop **tobacco as biofuel crop**
- ✔ **'Heat-tolerant' wheat gene** in development
- ✔ **China** renews safety certificates for local **GMO rice**
- ✔ **FAO: Global Efforts Needed to Stop Deadly Banana Disease**
- ✔ **Global GMO plantings hit a record** in 2014, led by US
- ✔ **European Parliament Approves New Law on Planting GM Crops**

[\(Return to Index\)](#)

Healthcare & Pharmaceutical

Health & Pharma
[\(Return to Index\)](#)



- ✔ **Embria** hires International **Business Manager**



- ✔ **Intrexon** to Acquire Remaining Stake in **Exemplar Genetics**



- ✔ **Braasch Biotech** Bolsters Intellectual Property with **Patent Acceptance in the Philippines**



- ✔ **Boehringer Ingelheim Vetmedica, Inc.** announces major capital investment in its facilities in **Fort Dodge and Ames**



- ✔ **23andMe and Genentech** to Analyze Genomic Data for **Parkinson's Disease**
- ✔ **GRP78 Protein** Acts as **Universal Therapeutic Target** for Infections and Cancer
- ✔ **Gates Foundation** Uses Art to Encourage **Vaccination**
- ✔ **Stanford Researchers** Identify Potential Treatment Approach For **Alzheimer's Disease**

News stories containing company logos indicate IowaBio members

Industrial & Environmental

[\(Return to Index\)](#)

Industrial & Environmental

[\(Return to Index\)](#)



- ❖ **Green Biologics raises \$76M** round in Debt and Equity Financing



- ❖ **Renewable Energy Group Announces Partnership with CyRide Transit Agency**
- ❖ **2014 Iowa ethanol production peaks** at 3.9 billion gallons
- ❖ Biotech firm working to develop **tobacco as biofuel crop**
- ❖ Making it in **bioplastics**: Solegear's Toby Reid talks about the **industry's challenges and chances**
- ❖ What the future is bringing: **trends to watch in bioplastics**
- ❖ **Algenol** achieves 'milestone' **EPA approval**
- ❖ **Argonne** model analyzes **water footprint of biofuels**
- ❖ **United Airlines** takes a chance on **biojet fuel**
- ❖ **Tetra Pak** rolls out world's first **plant-based cartons**

[\(Return to Index\)](#)

STEM (Science, Technology, Engineering & Math)

STEM

[\(Return to Index\)](#)



- ❖ **STEM Advisory Council** to renew **UI/Kirkwood hub partnership**



- ❖ **University of Iowa** introducing girls to **STEM**
- ❖ Iowa invests in **STEM education at Bettendorf, Pleasant Valley**
- ❖ **William Penn University** to Host South Central Iowa's First **Educator-Focused STEM Festival**
- ❖ 2014: U.S. News **STEM Leadership Hall of Fame**

In Other News

[\(Return to Index\)](#)

Iowa Biotech **Educator**

Winter 2015 Issue of ISU's "Educator" Released

[\(Return to Index\)](#)

Highlights of this season's edition include:

- Registration for summer 2015 biotechnology education workshops in Ames
- News from ISU's Biotechnology Outreach Education Center
- NSF/USDA summer research internships in Ames for biology teachers, grades 7-12
- NSF summer academies on biorenewables in Ames for middle and high school science teachers
- New STEM Education Award for Iowa K-12 teachers
- More award opportunities for Iowa educators
- State Science and Technology Fair of Iowa
- Ames Laboratory/Iowa State University Regional Science Bowls
- Biotech resources on the Internet

[Click here to view the newsletter](#)

SUBSCRIBER INFORMATION

[\(Return to Index\)](#)

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

[\(Return to Index\)](#)

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.