

# MONTHLY UPDATE

September 2012

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## Participation Opportunities

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### Innovate Iowa & IBA Host Sen. Grassley for Round- Table Discussions

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Iowa Biotech Association and Innovate Iowa are excited to co-host Senator Grassley for a round-table discussion on **Friday, October 5, 2012 from 1:45pm - 3:15pm**. This event will be focused on the biotech industry in Iowa, with discussion topics including, but not limited to:

- Innovative technologies in Iowa
- Federal challenges and opportunities
- Industry concerns and requests

This event is **FREE** to all biotech industry members and will take place at the BioVentures Center in Coralville, Iowa. Light refreshments will be provided.

For additional details, including registration information, please visit:

[www.iowabio.org/grassley](http://www.iowabio.org/grassley)

Please feel free to contact us with any questions at [info@iowabio.org](mailto:info@iowabio.org).

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## International Marketing Financial Assistance Available to Iowa Companies

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### **Export Trade Assistance Program (ETAP) – STEP 2011-12 is extended**

The International Trade Office will continue to receive ETAP applications for events taking place through September 30, 2013. This program may reimburse a qualified Iowa company a percentage of expenses related to exhibiting at an eligible international trade show or trade mission taking place outside the United States, up to \$4,000 per grant. Funds are allocated on a first-come, first-serve basis until funds are exhausted, so apply early!

### **Domestic Trade Assistance Program (DTAP) – STEP 2012-13**

The International Trade Office is now accepting DTAP applications for events taking place October 1, 2012 through September 30, 2013. This program may reimburse a qualified Iowa company a percentage of expenses related to exhibiting at an eligible international trade show (with a demonstrated significant international audience), taking place in the United States, up to \$3,000 per grant. Funds are allocated on a first-come, first-serve basis until funds are exhausted, so apply early!

Both programs are funded through a cooperative agreement with the Small Business Administration and therefore each company must qualify under the SBA qualifications. There are four documents required to show eligibility:

- 1) Complete the [SBA “Small Business Concern” self-certification form](#). You can find information on the size requirements (and affiliation guidelines) at

[www.sba.gov/size](http://www.sba.gov/size). You will need to know your company’s (product) NAICS code, or if your company has a variety of products, your company’s primary NAICS code.

- 2) Complete the [“Begin Exporting” assessment](#). Click “Begin Exporting,” then choose “Begin.” There are 9 questions to complete. It includes a print or email option in the top right corner of the results page. Submission of results is required and companies must score 66% or higher.
- 3) Complete the [Export Plan form](#). If your company already has a strategic plan for exporting, you may submit a copy of that in lieu of completing this form.
- 4) Complete the [“Debarment Certification” form](#).

After confirming your company is eligible, the online application is available through [www.iowagrants.gov](http://www.iowagrants.gov). Instructions on how to register and step-by-step instructions for applying can be accessed [by clicking here](#).

### **Export Trade Assistance Program (ETAP) – State funded**

For companies that do not qualify under the SBA guidelines above, but do qualify under the State’s ETAP guidelines, there is also still the previous Export Trade Assistance Program (ETAP) grant program.

If you have any questions, or if your company does not qualify under SBA funds and will be exhibiting at an international trade show outside the United States or an eligible trade mission, please contact IEDA’s Lisa (Mason) Longman at [lisa.longman@iowa.gov](mailto:lisa.longman@iowa.gov) or (515) 725-3139.

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## Spotlight Opportunity for IBA Members

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### Technology Spotlight

IBA is excited to announce that it has added a new feature to its website called “[Technology Spotlight](#)”. This section is located in the large green box below our “Welcome” banner and will promote our members’ products and services on a monthly basis.

What we need from you is to know what you would like us to promote. If you have a specific product or service you would like spotlighted, please contact Melissa Moyer at [melissa@iowabio.org](mailto:melissa@iowabio.org) with details.

We are excited to offer this additional member benefit and look forward to hearing from you!

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## BrownWinick Startup

### Seminars

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BrownWinick's Startup Practice group has been working on developing their first ever traveling seminar series. They have done numerous seminars in Central Iowa, but would like to provide some educational opportunities in other parts of the state as well.

The series consists of three sessions, one each month for a three month period. The first month covers items that are relevant at the time of formation and launch, the second session covers more intermediate topics, and the third session

deals with more advanced topics. Each session can stand alone, but those attending all three sessions should see the topics build off of each other over the course of the series.

There is no cost to attend and the series are available in Cedar Falls, Cedar Rapids, and Ames. Those interested in attending should RSVP to Debi Bull ([djb@brownwinick.com](mailto:djb@brownwinick.com)) and place “StartUp” in the subject line to ensure they have adequate space and materials.

### Times and Locations

- **Series 1** ([Click here for additional details](#))
  - August 28 – Cedar Falls
  - August 29 – Cedar Rapids
  - September 20 – Ames
- **Series 2** ([Click here for additional details](#))
  - September 25 – Cedar Falls
  - September 26 – Cedar Rapids
  - October 18 – Ames
- **Series 3** ([Click here for additional details](#))
  - October 23 – Cedar Falls
  - October 24 – Cedar Rapids
  - December 6 – Ames

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## ABTA Now Accepting Letters of Intent for \$50K Discovery Grants

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The American Brain Tumor Association ([ABTA](#)) is now accepting Letters of Intent for its Discovery Grant funding program. **Letters are due in the ABTA office no later than October 10, 2012.** Discovery Grants are one-year, \$50,000 grants that fund high-impact projects deemed to have the potential to change current diagnostic or

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treatment paradigms for adult and pediatric brain tumor care. Proposals can address any type of brain tumor, including benign or malignant, primary or secondary.

“The ABTA Discovery Grant program supports a diverse variety of innovative approaches to brain tumor diagnostics and therapeutics” said Deneen Hesser, ABTA research director. “Our encouragement of fresh thinking has evolved into an expectation of research creativity. This is an opportunity for scientists working in fields outside traditional tumor biology to propose potentially paradigm changing, creative approaches to either primary or metastatic brain tumors.”

For grant details and Letter of Intent instructions, visit the [ABTA Funding Opportunities webpage](#). Grant questions can be directed to Alexandra Sierra, research program coordinator, at [grants@abta.org](mailto:grants@abta.org).

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## Upcoming Events

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### [The Simple Western™ Approach to Vaccine and Clinical Protein Research](#)

October 4, 2012 / 12:00 PM (CST)

In this webinar, participants will describe a range of applications utilizing the Simple Western technology. These applications include (i) protein vaccine development, incorporating analysis of cell lysate samples from baculovirus infected insect cells and (ii) identification and quantitation of tumor-associated proteins, focusing on key kinase inhibitor targets in precious clinical patient samples.

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### [5th Annual Biotech Supply Chain Academy Conference](#)

October 8-9, 2012 / Foster City, CA

During this event, business and academic leaders will address the strategic and tactical management of global sourcing, entry into the emerging markets, information transfer from R&D to clinical trials to commercialization, manufacturing excellence, environmentally controlled distribution, risk mitigation, sustainability and SCM talent and career development, while ensuring compliance with expanding government regulations.

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### [Webinar with Dr. Chris Lipinski and Professor Andrew Hopkins](#)

October 10, 2012 / 6:00 PM (CST)

Hear what two of the most influential drug researchers in the last two decades have to say about the future of drug development in a free webinar and pose your questions directly to Chris Lipinski.

- Will Drug Repurposing help save the industry?
- Could Phenotypic screening deliver greater success?
- Biologics — what can we really expect from the future?
- Target Hopping — should we be exploring fruitful chemical space?
- Polypharmacology — How to gain multi-target efficacy!
- The Future Role of Academia and Partnerships in Pharmaceutical Drug Development
- Can science be truly run as a business, or is this holding back productivity?

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## [Pacific Rim Summit on Industrial Biotechnology & Bioenergy](#)

October 10-12, 2012 / Vancouver, Canada

The seventh annual Pacific Rim Summit on Industrial Biotechnology and Bioenergy is the original conference dedicated solely to the growth of the industrial biotechnology and bioenergy sectors in North America and the Asia-Pacific region. Programs will address the latest in advanced biofuels, algae, biomass production, biopolymers, bioplastics, dedicated energy crops, renewable chemicals, marine bio-resources and synthetic biology.

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## [Biopolymers Symposium 2012](#)

October 15-17, 2012 / San Antonio, TX

This is the industry's longest running and most comprehensive U.S. bioplastics conference, bringing together more than 250 key players and decision makers for debates, discussion and networking. Past attendees have noted the "excellent representation from a variety of stakeholders: suppliers, brand owners, certification bodies, industry associations, government and non government organizations" and the "good topics for getting an overall understanding of the Biopolymers industry and making contacts" and once again the Biopolymers Symposium 2012 will deliver!

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## [Ag Fall Career Day 2012](#)

October 16, 2012 / Ames, IA

As a student, alum, or industry recruiter, you are invited join Iowa State University for the Ag Fall Career Day! This event is scheduled for Tuesday, October 16, 2012 from 9 a.m. to 3 p.m. at the Lied Recreation Athletic Center. Registration will begin late July/early August on ISU CMS. If you are an employer and would like to receive information on this event, please contact Mike Gaul at 515-294-4725 or via email at [mikegaul@iastate.edu](mailto:mikegaul@iastate.edu).

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## [Biotech 2012: Find.Fund.Facilitate](#)

October 22, 2012 / Philadelphia, PA

Biotech 2012: Find. Fund. Facilitate is the foremost bioscience conference in the Mid-Atlantic region, bringing together top bioscience leaders from around the world to network, connect with potential partners, share business strategies, and learn from their peers. This year's conference will take place in one day, combining all of the most popular elements of their past agendas into a targeted program designed to advance the growth and development of the bioscience industry in their region. Attendees will have opportunities for information sharing, new skill development, networking, collaboration, and partnering among companies at all stages of growth.

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## [3<sup>rd</sup> Annual MDDMI Conference & Exhibition](#)

October 22, 2012 / Haifa, Israel

The Medical Device Design & Manufacturing Industry (MDDMI) is an annual event which enables presenters, exhibitors, investors, companies, technology experts, patent specialists and service providers, to network and to exchange ideas and information, make connections and collaborations and update current and future innovations. The conference is another unique opportunity for companies, medical equipment, to meet a variety of service providers in the relevant fields and the ability to find the best suit their needs.

This is the leading conference covering the innovative medical devices design and manufacturing scene in Israel and abroad. This event is the main platform for the R&D industry and academy to gather, network and learn about the cutting edge and upcoming developments, to expose trends and innovations in medical devices, including R&D, outsourcing and service providers, as well as new technologies and subcontractors' services.

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## [Biotechnology Transfer and Commercialization](#)

October 24-26, 2012 / Philadelphia, PA

This conference will bring together the players needed to move the industry forward. Leading universities, pharmaceutical companies, venture capital, foundations and biotech companies will come together to share their perspectives, discuss new models of cooperation and develop the business relationships that get deals done. Together they will create new technologies, new companies and new medicines.

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## [2012 STEMtech Conference](#)

October 28-31, 2012 / Kansas City, MO

The STEMtech conference is an international convening that emphasizes increasing student success in science, technology, engineering, and mathematics at all levels. Over 400 sessions focus on improving STEM education, better aligning educational systems with each other and local workforce needs, and exploring technology's role in the teaching and learning processes. College and university faculty members, K-12 teachers, administrators, government officials, community and business/industry representatives, and others involved in STEM education and information technology are invited to explore research, best practices, and other ideas with their colleagues from across the country and around the world.

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## [Advanced Biofuels Markets Conference](#)

October 29-31, 2012 / San Francisco, CA

Meet the people striving for success at North America's largest Advanced Biofuels Congress & Exhibition. Join the CEOs driving innovation as they discuss challenges and developments with leaders from across the advanced biofuel value chain and push the industry forward to reach this all important goal of scaling into the \$800 billion OECD oil market.

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## [BioBasics: Biotech for the Non-Scientist](#)

November 1-2, 2012 / Wayne, PA

BioBasics is a two-day course for the non-scientist which highlights science and technology concepts that are the basis of the biotechnology industry. The course is for participants that require a working knowledge of fundamental terms and applications.

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## [Algae Commercialisation 2012](#)

November 27-28, 2012 / London, England

Algae has the potential to be a key solution to many of the world's current problems regarding sustainable energy, food production, renewable chemicals and CO2 reduction. However one question stands above the rest: how can we manage the cost base of biotechnologies which will enable profits to be made from algal based bio-applications?

Brought to you by the producers of other industry leading events including World Ethanol & Biofuels, Next Generation Biofuels, Renewable Chemicals and World Biofuels, Algae Commercialisation 2012 is your must attend event if you want a share of the most exciting segment of the expanding biobased economy.

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## [SCD-iBIO's Forum: Commercializing Global Green](#)

November 12-14, 2012 / Philadelphia, PA

This forum is a three day event, and will include discussions along the entire value chain, from raw materials to branded consumer products. Attendees will hear about pilot, scale-up, and engineering issues, as well as lessons learned in commercial and market development. Finally, discussions will conclude with ways to ensure reliability and sustainability of bio-based products and guidance on creating global brands. Registration is limited, sign up today.

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## Food & Agriculture

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[Pfizer's leukemia drug Bosulif gains FDA approval](#)



[IBA Members Integrated DNA Technologies and Monsanto Make "Iowa's 2012 Top Workplaces" List](#)

[EU court: Member nations can't ban EU-approved biotech crops](#)

[China, Mozambique in talks to grow biotech cotton](#)

[Poland amends law to permit use of biotech soy in animal feeds](#)

[Zimbabwe farmers urge government to adopt biotechnology](#)

[Organic Food Has Almost No Evidence Showing Health Benefits](#)

[Taking Food Choices Very Personally](#)

[Xinjiang Origin opens \\$27M corn facility in China](#)

[Syngenta buys U.S. biotech in deal worth up to \\$113M](#)

[Transgenic corn yields biotech drug for rare disease](#)

[Experts sharply criticize study of biotech corn diet in rats](#)

[Researchers seek to develop drought-tolerant bioenergy crops](#)

[Syngenta pays \\$522M to buy hybrid seed maker Devgen](#)

[New Zealand farm group supports adoption of biotechnology](#)

[BGI, Gates Foundation Sign Ag Development Agreement](#)

[Distortions of science are used to stoke fear of biotech food](#)

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## Healthcare & Pharmaceutical

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[IBA Members Integrated DNA Technologies and Monsanto Make "Iowa's 2012 Top Workplaces" List](#)



[MedImmune, WuXi unite to make autoimmune, inflammatory drugs](#)



[Braasch Biotech and others highlighted in Science: Chronic Disease Vaccines](#)

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[University of Iowa and Mayo Clinic Receive \\$11.5 Million SPORE Grant Renewal](#)

[FDA approves Amgen's Prolia for new use](#)

[Pluristem eyes second orphan-drug designation for cell therapy](#)

[Researchers work on stem cell-based prosthetic implants](#)

[Broad Institute and AstraZeneca team up to develop infection drugs](#)

[Sequencing study shows promise of personalized lung cancer drugs](#)

[Modern medicine: Lab-grown genitals, spray-on skin](#)

[Cell Therapy Improves Hearing in Deaf Rodents](#)

[Sequencing of 1918 flu virus guides development of vaccines](#)

[Protein Potential, Aduro collaborate on malaria vaccines](#)

[Transgenic corn yields biotech drug for rare disease](#)

[FDA Okays Meridian's Strep Throat Diagnostic](#)

[Cord Blood Registry to undertake stem cell study for autism](#)

[Zapping Zits with Viruses](#)

[Partnership aims to uncover biomarkers for multiple myeloma](#)

[Safe Stem Cells Reverse Alzheimer's Symptoms](#)

[Growing Surrogate Organs in Lymph Nodes](#)

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IOWA STATE  
UNIVERSITY  
[ISU Biorenewables Center Gets More Money](#)

[Green chemicals from yeast](#)

[Study looks at biofuel potential of nonflowering switchgrass](#)

[BP Biofuels and partner to develop energy crops for Gulf Coast](#)

[Report: RFS promotes advanced-biofuels production](#)

[Renewable biogas: Next RFS darling or marginal fuel?](#)

[Verdezyne CEO talks about future of biotech production of chemicals](#)

[Agrivida adds \\$15M to engineer corn for biofuels](#)

[\\$3B bioenergy project is envisioned for tribal lands](#)

[EU Drafts Proposal to eliminate Food-Crop Subsidies for Biofuels Production by 2020](#)

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[Algae.Tec partners with Lufthansa to produce aviation biofuels](#)

[Five Kansas Stations Now Offering E15](#)

[Planes of the future could fly on sawdust or straw](#)

[Solegear, Canadian council team up for new bioplastics](#)

[Italian oil firm to convert refinery into a biofuels plant](#)

[Scientists study biofuel potential of sweet sorghum](#)

[Algenol hits 7000 gallon per acre mark in field operations](#)

[Algae.Tec aims to secure \\$600M in new funding for expansion plans](#)

[Ebony and ivory: The BioProcess Algae Story](#)

[Fuels America coalition backs Renewable Fuel Standard](#)

## In Other News...

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### Re-Cap of “Research in your Backyard: Developing Cures, Creating Jobs”

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On September 17<sup>th</sup>, Iowa Biotech Association and Innovate Iowa hosted a discussion panel at the BioVentures Center in Coralville, Iowa. The



topics was, “Research in your Backyard: Developing Cures, Creating Jobs”. The discussion was centered around clinical

trials in Iowa and their impact on Iowa's economy and quality of life for its residents. Many industry companies in the area attended the event as well as state senators and representatives. A write-up of the event can be seen in the Corridor Business Journal and on IBA's website ([view write-up](#)). For more information and to view photos of the event, [please click here](#).

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## UI Names Daniel Reed New VP for Research, Economic Development

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Article by Richard C. Lewis  
[View Original Article](#)

Daniel Reed, an executive at Microsoft Corp. and a longtime higher-education academic, has been named the next vice president for research and economic development at the University of Iowa, the university announced Tuesday.

Reed, 55, will start on Oct. 15.



“We couldn’t be happier to have Dan join our leadership team at the University of Iowa,” says President Sally Mason. “He brings a suite of attributes fundamental to the position—a background in business and economic development, a career in research and scholarship, and a trained eye toward

innovation as it pertains to higher education and its public relevance and impact. I am confident that Dan will help propel the UI’s research agenda and further our economic imprint for Iowans.”

“I am delighted to be joining the University of Iowa, one of this country’s great public research universities,” Reed says. “These are exciting and challenging times, and Iowa is strategically placed to help shape the future of academic research, enhance technology transfer and economic development, and address important issues for

Iowa, the U.S. and the world. Working together, even greater things are ahead.”

Reed joined Microsoft in 2007 and most recently served as a corporate vice president, reporting to the company’s chief research and strategy officer. As corporate vice president for extreme computing, Reed built and led research and prototyping on cloud and parallel computing. He later led Microsoft’s global technology policy group, helping foster dialog on the influence of technology on societal issues and government policy.

In an [interview](#) on C-SPAN in 2010, he described his job as “to envision what the future of technology will be ... (and) to try to invent the future.”

On taking the [position](#) at the UI, Reed returns to his home in academia and the familiar territory of the Big Ten. After earning his doctorate at Purdue University in 1983, Reed was an assistant professor in computer science at the University of North Carolina for one year before accepting a position at the University of Illinois. There, he rose to full professor, and served as the highly ranked department’s head from 1996 to 2001, managing 40 faculty, 100 staff members, and some 2,000 students.

During that time, he oversaw a dramatic expansion of the computer science department and design of a new IT quadrangle on campus. He also headed the National Center for Supercomputing Application (NCSA), a federally funded supercomputing facility that supported computational science and engineering research across the country as well as industrial partnerships with major companies.

In 2004, Reed was named the director of the Renaissance Computing Institute, a major collaborative venture of the University of North

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Carolina at Chapel Hill, Duke University, North Carolina State University, and the state of North Carolina, supported by \$12 million in annual state funding.

He visited the UI campus in May as one of three finalists for the vice president for research position. In a talk outlining his vision, Reed said the mission of higher education is changing, given the flattened economic landscape spawned by globalization. He noted that there are new and heightened desires for research innovations to drive economic development and for lifelong education and skills to help workers remain competitive. "Expectations have never been higher," he said, "and it is crucial that universities respond accordingly."

Reed notes that the quickening pace of technology and how data are used are changing the compact between research universities and society. We should embrace it, he argues. "Change brings opportunity for innovation," Reed says.

He says that the arts and humanities are integral to a well-rounded, fulfilling education. He cited his past partnerships with artists and historians and credited one of his former colleagues in the arts for the concept of multidisciplinary, "Renaissance" teams to address complex problems. "I am an academic truly at heart," he says.

Reed's salary will be \$345,000 annually, pending approval from the Board of Regents, State of Iowa, which will discuss the appointment Wednesday, Sept. 12. He succeeds Jordan Cohen, who has served as the vice president for research and economic development since 2010.

"The vice president for research and economic development is a complex position focused on facilitating faculty research success across all areas of scholarship and research at the University of

Iowa," Cohen says. "Paramount among these is identifying funding opportunities, stimulating cross-disciplinary collaboration and developing a strong infrastructure to support research as well as technology transfer so that promising research findings can be commercialized where appropriate for the benefit of society and to support economic development in Iowa and at the university. I am confident that we have selected the right individual in Dan to lead the UI in these dynamic and highly challenging times."

In a post on his [blog](#), Reed said he was ready to get started. "For me, all of this is very exciting. It is a new adventure and an opportunity to help define higher education in the 21st century."

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## Subscriber Information

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This message was sent to you as a benefit of membership in the IBA 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 [rachelhurley@iowabio.org](mailto:rachelhurley@iowabio.org). Membership details are also available at [www.iowabio.org](http://www.iowabio.org).

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

## Speaker Opportunities

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IBA staff members are available to give 15-60 minute speeches to interested groups, such as Rotary Clubs,

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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 Rachel Hurley at (515) 327-9156 or [rachelhurley@iowabio.org](mailto:rachelhurley@iowabio.org).