 CAST Board

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Executive Vice President/CEO: John M. Bonner, CAST, Ames, Iowa

Representatives of Member Societies

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American Association of Avian Pathologists: Robert Evans, Cargill Turkey Production LLC, Harrisonburg, Virginia
American Association of Bovine Practitioners: Mark Armfelt, Elanco Animal Health, Gamblier, Ohio
American Association of Pesticide Safety Educators: Joanne Kick-Raack, The Ohio State University, Columbus
American Bar Association, Section of Environment, Energy, and Resources–Agricultural Management: Shawna Bligh, BW Law Group, LLC, Kansas City, Missouri
American Dairy Science Association: Tonya Schoenfuss, University of Minnesota, St. Paul
American Meat Science Association: Jeff W. Savell, Texas A&M University, College Station
American Meteorological Society, Committee on Agricultural and Forest Meteorology: John H. Prueger, National Soil Tilth Lab, USDA–ARS, Ames, Iowa
American Society for Nutrition: Donald Beitz, Iowa State University, Ames
American Society of Agricultural and Biological Engineers: Richard A. Cavaletto, Cal Poly State University, San Luis Obispo
American Society of Agronomy: Drew Lyon, Washington State University, Pullman
American Society of Animal Science: Neal R. Merchen, University of Illinois, Urbana
American Society of Plant Biologists: Douglas D. Randall, University of Missouri–Columbia
American Veterinary Medical Association: David Scarfe, American Veterinary Medical Association, Schaumburg, Illinois
Aquatic Plant Management Society: Ryan M. Wersal, Alpharetta Innovation and Technology Center, Alpharetta, Georgia
Council of Entomology Department Administrators: J. Steve Yaninek, Purdue University, West Lafayette, Indiana
North Central Weed Science Society: Curtis Thompson, Kansas State University, Manhattan
Northeastern Weed Science Society: Randall Prostak, University of Massachusetts, Amherst
Poultry Science Association: Murray Bakst, Beltsville Agricultural Research Center, Beltsville, Maryland
Society for In Vitro Biology: David Songstad, Cibus, LLC, San Diego, California
Society of Nematologists: Senyu Chen, University of Minnesota, Waseca
Weed Science Society of America: Jeff F. Derr, Virginia Tech University, Virginia Beach
Western Society of Weed Science: Philip Westra, Colorado State University, Fort Collins

Representatives of Member Companies

CHS Foundation: William J. Nelson, Corporate Citizenship, Inver Grove Heights, Minnesota
DuPont Pioneer: John F. Soper, Crop Genetics Research and Development, Johnston, Iowa
Elanco Animal Health: William Weldon, Global Research and Development, Greenfield, Indiana
Land O’ Lakes: Todd Peterson, Winfield Solutions, LLC, Johnston, Iowa
Monsanto: John K. Soteres, Monsanto Company, St. Louis, Missouri
Novus International, Inc.: Ellen Dierenfeld, R&D Africa and Sustainability Programs Research, St. Charles, Missouri
Syngenta Crop Protection, Inc.: Dirk Drost, NAFTA Development Project and Portfolio Management, Greensboro, North Carolina

Representatives of Member Nonprofits

American Farm Bureau Federation: Bob Young, Economic Analysis Department, Washington, D.C.
CropLife America: Barbara P. Glenn, Science and Regulatory Affairs, Washington, D.C.
Iowa Soybean Association: Carol Balvanz, Policy and Producer Outreach, Ankeny, Iowa
National Pork Board: Paul Sundberg, Science and Technology, Des Moines, Iowa
The Fertilizer Institute: William Herz, Scientific Programs, Washington, D.C.
The Samuel Roberts Noble Foundation: John Blanton, Ag Research Programs, Ardmore, Oklahoma
United Soybean Board: Laura Foell, Schaller, Iowa
CASTing Our Lot for the Future

The past seven and a half years have been a great experience. CAST has reemerged as a source of credible science-based information in Washington, D.C., and in the Internet world. We have evolved from printed publications to web-based distributions with almost 40,000 web hits annually. It has been four decades since Dr. Norman Borlaug wrote the first CAST publication, “Agricultural Science and the Public.” It is a subject that is very much in vogue today as efforts of activists in the agricultural world reach all-time highs and social media makes their messages easier to spread to broader audiences. The role of CAST is therefore more important than ever. CAST must continue to evolve and refine its process to create concise, accessible, and focused publications directed to meet the needs of key audiences.

CAST is truly a unique entity. The key to the future is to have visionary board members who realize that they are CAST. It is more than an Ames, Iowa-based office. It is people who know people, policies, and problems to be solved. Membership on a CAST board is a very important position because all publications are derived through the boards.

Also, funding CAST is a continuing challenge that has become more difficult. Many new organizations have developed that have added to the challenges of the economy and funding for CAST. Their messages are focused on the consumer, very professionally developed, well funded, and often emotionally stimulating. By contrast, science messages are critical but not emotional. Therein lies the challenge. It is all about communicating to the diverse audiences that are listed in the CAST mission statement. Consumer and student messages about agriculture are very different than what legislators, regulators, and policymakers find interesting and acceptable. In recent years, CAST has focused on these diverse needs with social media in addition to CAST Commentaries, Issue Papers, and videos.

In short, CAST has made a lot of progress, but several areas need continued attention and improvement. Communication with university faculty members, deans of agriculture and directors of experiment stations, society executives and presidents, and USDA administrators currently is and will continue to be a difficult but top priority for success. The member societies are critical in this area and a change is necessary. The loss of the congressionally designated funds was a major shortage in financial support; however, the total amount lost could be made up if each society would purchase an Education Program membership in addition to their basic membership. This would then allow the CAST Friday Notes to be delivered to all members of all societies.

A second focus area that must continue is shortening the turnaround time for publications. A successful CAST publication must deliver the core message as clearly and briefly as possible. CAST publications should be an extension of the solid science that is found in journals but in a form that the public can understand. The work groups are responsible for developing and making the recommendation that a paper should proceed through the approval and production processes. Currently, this is a bottleneck that needs to be improved. This improvement is critical for impact and future funding.

Lastly, there need to be additional modifications to the board structure to streamline decisions, cut costs, and improve communications. Mentoring programs, board training programs, and care and feeding of stakeholders will require active board participation. There also needs to be a better definition and understanding of the requirements for board selection and the expectations for active board members.

Credible science has major contributions to make to society. CAST is here to make that science understandable and to deliver that message to key audiences. If visionary leaders had not created CAST in the 1970s, it would need to be created now. I hope every board member is proud of their organization and committed to make CAST grow in the future. It has been an honor for me to dedicate myself to building a team and enhancing a system that advanced the mission of CAST. CAST has the respect of all who know of our work. However, there is much more to do in the future. CAST has a forty-year foundation and there is a great need to build on this base in the years ahead. I wish only the best to the organization and thank those who made it possible for me to work in this capacity.

John M. Bonner
Executive Vice President/CEO
Spring Board of Directors' Meeting

The CAST Spring Board of Directors’ Meeting took place in March in Washington, D.C. Members met at the office of Meyers & Associates on the morning of March 13 where Fran Boyd, Vice President of Meyers & Associates, provided an update on drafting the next Farm Bill and various suggestions for CAST considerations.

In the afternoon, Board members made courtesy calls on D.C. administrators; some calls had been made several days prior to the March 13 meeting. The list of offices visited included the National Association of Wheat Growers and U.S. Wheat Associates, Senator Jerry Moran’s (KS) Legislative Assistant William Ruder, Cargill, the U.S. Department of Agriculture, Senate and House Agriculture Committee Staff, CropLife America, and the International Food information Council. Additionally, CAST President’s Awards were given to Senators Saxby Chambliss (GA) and Pat Roberts (KS).

On Wednesday, March 14, the Board met again at the conference hotel for a daylong business meeting. Members reported to the Board regarding the calls they had recently made, all with positive results. Other discussions followed, including (1) a possible link between CAST and the Association of Public and Land-grant Universities; (2) a society revitalization meeting; (3) an effort to get state agriculture departments involved with CAST; and (4) proposals pending before the Board of Trustees.

The business meeting continued on Thursday morning and adjourned before lunch.

Annual Meeting, Fall 2012

The 2012 CAST Annual Meeting took place in Kansas City in November. The Board of Directors met on Tuesday, November 13, the Board of Representatives joined them on Wednesday and Thursday for general business sessions and Work Group breakout discussions, and the Board of Trustees met both separately and with the Board of Directors on Thursday.

An icebreaker activity was planned before the first general session to enable board members to get acquainted with each other—this proved to be a successful event and will likely be repeated at future board meetings. Reports given at the general session included those by Nathaniel Tablante as President; Gale Buchanan as Chair of the Board of Trustees; Melissa Sly as Membership and Marketing Director; Phil Stahlman as President-Elect; and Linda Chimenti, who spoke both as Chief Operating Officer and for John Bonner, Executive Vice President/Chief Executive Officer, who was unable to be at the meeting.

There were two guest speakers at the general session lunch on Wednesday. Ron Trewyn spoke on behalf of the new National Bio and Agro-Defense Facility in Manhattan, Kansas, which, when complete, will replace Plum Island as America’s defense against foreign animal diseases. Then Jarrod Sutton, from the National Pork Board, spoke about dealing with consumers, many of whom are removed from the farm and don’t quite understand it but are evaluating farm practices. A short question and answer period followed each speaker’s presentation.

Work Group reports were given by Ellen Dierenfeld from the Animal Work Group, Richard Cavaletto from the Food Work Group, and Randall Prostak from the Plant Work Group. The meeting concluded with a passing of the presidential gavel from Nathaniel Tablante to Phil Stahlman, and Lowell Midla became the new President-Elect.
CAST and the FFA

CAST continues to support the development of quality youth, as exemplified by FFA members. Thanks to the generous support of Winfield Solutions, high school vocational agriculture instructors receive quality information regarding agriculture in CAST’s weekly e-newsletter, *Friday Notes*, and are able to pass this newsletter and its information on to students. Also, several officers of the FFA were present at the 2012 Borlaug CAST Communication Award presentation at the World Food Prize in Des Moines, Iowa.

John Bonner began his mentoring collaboration with the FFA in the mid 1970s when he worked with vocational agriculture students on a project his corporation was overseeing. His collaboration has continued through the years, and he helped to obtain CAST’s position as the first sponsor for the Ag Day essay contest, a competition often won by FFA members.

And the FFA/CAST connection continues. In October, the National FFA Organization conferred an Honorary American FFA Degree on John Bonner at the 85th National FFA Convention and Expo held in Indianapolis, Indiana. The award was presented before an audience of 16,000 FFA alums, current members, and chapter advisers as well as industry representatives. RFD-TV broadcast the ceremony nationwide.

Partnering with Iowa State University

Since its founding in 1972 to fulfill the need for access to science-based agricultural information, CAST has partnered with Iowa State University on many levels.

When CAST offered an education program, Iowa State was first to take advantage, so educators and students could access current news, resource material, and career opportunities. Many Iowa State professors support CAST by contributing to research papers and serving on CAST committees.

Currently, the most dynamic collaboration between CAST and Iowa State University is the intern program. Many students have been part of this productive partnership, as CAST routinely employs three interns during the academic year—one covers the financial aspects, one the membership and marketing unit, and one the editorial/social media scope. The latter was the subject of an article in the Iowa State College of Agriculture and Life Sciences’ *Stories* magazine, published in November.

The Iowa State University-CAST connection continues to be a two-way street that benefits students, educators, and those interested in credible information about science and agriculture.

CAST Student Interns

The student administrative assistants featured in the *Annual Report 2011* have made their mark in CAST history and have now moved on to other pursuits. So the call was put out for three new interns—and CAST was very fortunate to find exceptional students to fill those positions.

Megan Gaul came to CAST in February of 2012 as the new membership and marketing intern. She completed her freshman year at Iowa State in May and was able to add additional hours at CAST during the summer, dividing her time between membership/marketing and helping out the editorial staff. She is a communication studies major with an art background and a potential minor in event planning. Her career plans are unsure, but they will most definitely involve creativity.

Sally Gorenz is an ag communications major with a minor in journalism and mass communication, having started college as an animal science major. She joined CAST Student Interns continued on page 17
Publications and Rollout Events

**Energy Issues Affecting Corn/Soybean Systems: Challenges for Sustainable Production**

Issue Paper 48, January. *Chair: Douglas L. Karlen, USDA –ARS, National Laboratory for Agriculture and the Environment, Ames, Iowa.* All sectors of the global economy are affected by the growing demand for energy. The need for food, feed, fiber, and fuel increases while concerns about finite supplies and political instability add to the uncertainties. This Issue Paper examines energy issues within the corn/soybean production system as a model for understanding the complexity of global energy challenges. Rollout and presentations given by Doug Karlen:

- Russell Senate Office Building, Washington, D.C. (January)
- CropLife America Building, Washington, D.C. (January)
- Audio-visual information available on YouTube or through the CAST website (January)

**Herbicide-resistant Weeds Threaten Soil Conservation Gains: Finding a Balance for Soil and Farm Sustainability**

Issue Paper 49, February. *Chair: Dr. David Shaw, Office of Research and Economic Development, Mississippi State University, Mississippi State.* Herbicides were developed during the twentieth century to be used with conventional tillage for weed control. Conservation tillage subsequently evolved, which enabled less soil damage when used with herbicides. Selection pressure, however, has resulted in weed species that have made adaptations for survival in conjunction with tillage. The U.S. government has put several federal policies and programs in place that help determine the selection and implementation of crops and conservation programs in relation to herbicides and tillage. This Issue Paper examines the impact of certain weed management practices on soil conservation objectives and addresses ways to mitigate negative effects. Presentations given by David Shaw and Robert Wilson:

- Weed Science Society of America Annual Meeting, Kona, Hawaii (February)
- Western Society of Weed Science, Reno, Nevada (March)
- Audio-visual information available on YouTube or through the CAST website (March)

**Assessing the Health of Streams in Agricultural Landscapes: The Impacts of Land Management on Water Quality**

Special Publication 31, March. *Project Manager: Rick Cruse, Iowa Water Center, Iowa State University, Ames.* This CAST Special Publication examines agriculture’s impact on water quality by addressing the relationship between land management and stream water quality, in particular factors that seem to negate or minimize the impacts of farm management practice changes on stream water quality improvements. Legislation, potential regulations, or allocations of millions of dollars to change agricultural practices seem warranted only if we know stream water is favorably impacted by modified agricultural practices, and in which streams the greatest potential impact might be observed. Presentations given by Rick Cruse and Don Huggins:

- Iowa Water Conference, Ames, Iowa (March)
- Russell Senate Office Building, Washington, D.C. (March)
- NC-FAR “Lunch-N-Learn” seminar, Washington, D.C. (March)
- Environmental Protection Agency, Washington, D.C. (March)

**The Direct Relationship between Animal Health and Food Safety Outcomes**

Commentary QTA2012-1, May. *Chair: Scott Hurd, Iowa State University, Ames.* The health of the animals within the food animal production system impacts many aspects of the system far removed from the animals themselves. To promote high
2012 Highlights

In 2012, researchers need to examine nutrition, management systems, and animal care practices including the use of antibiotics and vaccines. This Commentary looks at the pressures to change livestock rearing methods, evidence to support the direct public health impact on human illness days, and food safety and inspection service regulations. The authors use indirect evidence, diagrams, and graphs to deliver their findings about the ways that healthy animals result in safer food.

Rollout and presentations given by Scott Hurd:
- Russell Senate Office Building, Washington, D.C. (May)
- NC-FAR “Lunch-N-Learn” seminar at Longworth House Office Building, Washington, D.C. (May)
- International Food Information Council Foundation, Washington, D.C. (May)

This publication was also featured on Cattlemen to Cattlemen, a television show on RFD TV (May).

Water and Land Issues Associated with Animal Agriculture: A U.S. Perspective, Issue Paper 50, August. Chair: Kelly Zering, North Carolina State University, Raleigh. This paper addresses specific water and land concerns related to animal agriculture. The authors consider issues of water use and water quality associated with the livestock sector and the related environmental and economic impacts. The paper also includes a discussion of livestock land use, land degradation, land application of manure and manure-based composts, and deforestation related to farm policies. This Issue Paper presents scientific data specific to North America (primarily the United States) and explains how and why these data compare with other parts of the world. Additionally, it discusses how to reduce the environmental impact of livestock agriculture while preserving resources and quality of life. The paper was released on the CAST website for free download.

The Direct Relationship between Animal Health and Food Safety Outcomes, Video, September. CAST partnered with Capital Media Group, a national communications and production company, to produce and release a video based on CAST Commentary QTA2012-1, which rolled out in May 2012. In the video, Task Force Chair Scott Hurd and Task Force Author Barbara Masters support the platform presented by the authors of the paper that any changes made to animal management should be carefully examined as those changes also affect public health. The video is available on the CAST website and on SchoolTube and YouTube. CAST released a Spanish translation of the Commentary simultaneously with the video.

Friday Notes, the CAST e-newsletter published 48 times a year, distributes information about CAST activities, current events stories, links to news items relating to CAST work groups, and updates from Washington, D.C. Friday Notes is sent to CAST members, including faculty, staff, and graduate students at several universities, as well as vocational agriculture instructors at many high schools.

CAST Blog entries are now posted weekly by Dan Gogerty, CAST Communications Editor, and they are usually insights into farm life or an event in the news that will bring a smile to your face.


Publications Catalog, published in April and Autumn 2012.

Summary of Activities, published in April, July, and October.

Year at a Glance

- CAST Issue Paper 48, Energy Issues Affecting Corn/Soybean Systems: Challenges for Sustainable Production, was rolled out in Washington, D.C., by Task Force Chair Douglas Karlen and John Bonner. Presentations were held at the Russell Senate Office Building, a National Coalition for Food and Agricultural Research (NC-FAR) “Lunch-N-Learn” seminar, and the CropLife America Headquarters (January)
- John Bonner and Gale Buchanan attended the National Association of State Departments of Agriculture
2012 Highlights

Winter Policy meeting in Reston, Virginia, where Gale Buchanan spoke on the topics of agricultural research, productivity, and global agricultural challenges. He featured two well-respected CAST publications—*Agricultural Productivity Strategies for the Future: Addressing U.S. and Global Challenges and Investing in a Better Future through Public Agricultural Research* (February)

- CAST Issue Paper 49, *Herbicide-resistant Weeds Threaten Soil Conservation Gains: Finding a Balance for Soil and Farm Sustainability*, was presented by Task Force Chair David Shaw at the Weed Science Society of America Annual Meeting held in Kona, Hawaii (February)

- John Bonner was featured as a guest speaker at the American Society of Agricultural and Biological Engineers California-Nevada Section during the World Ag Expo in Tulare, California (February)

- CAST Issue Paper 49, *Herbicide-resistant Weeds Threaten Soil Conservation Gains: Finding a Balance for Soil and Farm Sustainability*, was featured in the February 20 issue of *Feedstuffs* magazine (February)

- CAST released Special Publication 31, *Assessing the Health of Streams in Agricultural Landscapes: The Impacts of Land Management Change on Water Quality*, at the Iowa Water Conference held at the Scheman Center on the Iowa State University campus (March)

- John Bonner attended the New Frontier Symposium at the University of Illinois to celebrate 50 years of ag communication at the University of Illinois (February)

- John Bonner attended an Animal Science meeting in Des Moines (March)

- Robert Wilson, a Task Force Author for CAST Issue Paper 49 (*Herbicide-resistant Weeds Threaten Soil Conservation Gains: Finding a Balance for Soil and Farm Sustainability*), presented the paper at the Western Society of Weed Science meeting in Reno, Nevada (March)

- Donald Huggins, a Task Force Author on CAST Special Publication 31 (*Assessing the Health of Streams in Agricultural Landscapes: The Impacts of Land Management Change on Water Quality*), gave three presentations of the publication in Washington, D.C.—a meeting of staffers at the Russell Senate Office Building, an NC-FAR “Lunch-N-Learn” seminar at the Longworth House Office Building, and an afternoon event for EPA staff only (March)

- Senators Saxby Chambliss (Georgia) and Pat Roberts (Kansas) received CAST President’s Awards at their offices in Washington, D.C. (March)

- The CAST Board of Directors met at the office of Meyers & Associates where Fran Boyd, Senior Vice President, gave a detailed update of the Washington scene and discussed CAST’s involvement in communicating credible science on “the Hill” and elsewhere (March)

- Barb Glenn (CAST Board of Directors) and John Bonner presented CAST President’s Awards to Bob Goodlatte, a Republican Congressman from Virginia, and Frank Lucas, a Republican Senator from Oklahoma (April)

- CAST representatives Gary Hartnell (Board of Representatives), Vic Lechtenberg (Past President), Gale Buchanan (Chairman of the Board of Trustees and Past President), A. G. Kawamura (Board of Trustees), and John Bonner (EVP/CEO) participated in a National Academy of Sciences meeting (April)

- John Bonner and Gale Buchanan presented an “updated” President’s Award to Iowa Senator Tom Harkin (April)

- CAST President Nathaniel Tablante received the Edward H. Ralph DPI Medal of Achievement at the Delmarva Poultry Industry meeting (April)

- After seven years of leadership, CAST EVP/CEO John Bonner announced plans to retire from CAST effective January 31, 2013 (May)
2012 Highlights

- John Bonner and Nathaniel Tablante, CAST President, attended the AGree Vision for 2030 event titled “A Foundation for Change: Strategies for Meeting the Challenges Facing the Food and Agriculture System” (May)

- Members of the CropLife America staff visited the CAST office from Washington, D.C., and enjoyed lunch at a local restaurant (May)

- CAST Commentary QTA2012-1, The Direct Relationship between Animal Health and Food Safety Outcomes, was presented by Task Force Chair Scott Hurd at three venues in Washington, D.C.—the Russell Senate Office Building, an NC-FAR “Lunch-N-Learn” seminar at the Longworth House Office Building, and the International Food Information Council Foundation (May)

- Catherine Bertini, the 2011 Borlaug CAST Communication Award recipient, gave a presentation at The World Bank titled “Meet 21st Century Food Demands: Invest in Women and Girls” prior to the naming of the 2012 award winner (May)

- Carl Winter was announced as the winner of the 2012 Borlaug CAST Communication Award (May)

- Nathaniel Tablante and John Bonner presented a CAST President’s Award to Iowa Senator Chuck Grassley (May)

- National Radio Hall of Fame member Orion Samuelson received a CAST President’s Award from CAST President Nathaniel Tablante, Barb Glenn (CropLife America), Bob Stallman (American Farm Bureau Federation), and Jay Vroom (CropLife America) (May)

- CAST Communications Editor Dan Gogerty spoke on behalf of CAST at the Des Moines Kiwanis breakfast (May)

- Filming began on a new CAST video to accompany QTA2012-1 (The Direct Relationship between Animal Health and Food Safety). The production crew flew into Iowa from Florida, and Task Force Chair Scott Hurd fielded questions and explained concepts on film, using several locations around Ames for backdrops (May)

- CAST student interns developed a Pinterest page and a presence on Google+ (May)

- Dr. Lowell T. Midla was elected as CAST President-Elect for 2012–2013 (June)

- Dr. Zhixing Wang and Mr. Lian Qing, two visiting agronomy experts from Beijing, met with CAST staff members to discuss genetically modified organisms and receive various CAST material pertaining to the subject (June)

- Iowa Secretary of Agriculture Bill Northey, who also heads the National Association of State Departments of Agriculture, made a video endorsing CAST as a valuable resource for information on agricultural issues. CAST Chief Operating Officer Linda Chimenti appeared in the second half of the video, explaining the benefits of personal membership in CAST (July)

- CAST released Issue Paper 50, Water and Land Issues Associated with Animal Agriculture: A U.S. Perspective, on the CAST website, where free downloads were available (August)

- Friday Notes began a new short-term section titled “Supporting Agriculture~Supporting CAST” about people who make a difference (August)

- Authors of CAST Commentary QTA2011-1, Investing in a Better Future through Public Agricultural Research, received the 2012 Agricultural and Applied Economics Association Quality of Communication Award Honorable Mention for the publication at the AAEA meeting in Seattle (August)

- CAST released both a companion video to and a Spanish translation of CAST Commentary QTA2012-1,
The Direct Relationship between Animal Health and Food Safety Outcomes (September)

- CAST’s recent Special Publication, Assessing the Health of Streams in Agricultural Landscapes: The Impacts of Land Management Change on Water Quality, was presented at the Hypoxia Task Force Meeting as part of the National Association of State Departments of Agriculture (NASDA) conference in Des Moines, which John Bonner attended (September).

- CAST had a booth and a presence at the New Technology Expo, which took place at the Iowa State University BioCentury Research Farm near Ames and was sponsored by NASA and the Gulf of Mexico Hypoxia Task Force (September).

- Ambassador Kenneth Quinn, President of the World Food Prize Foundation, received a CAST President’s Award from CAST EVP/CEO John Bonner and CAST Board Member Todd Peterson (September).

- Carl Winter, Director of the FoodSafe Program and Extension Food Toxicologist at the University of California–Davis, was the keynote speaker at the CropLife America meeting in Florida, where he was introduced as the winner of the 2012 Borlaug CAST Communication Award (September).

- At a World Food Prize side event, CAST and CropLife Foundation sponsored a breakfast where Dr. Carl Winter formally received the 2012 Borlaug CAST Communication Award. After accepting the award, Dr. Winter spoke to the audience and then entertained them with a few of his music parodies on the subject of food and food safety (October).

- DuPont Pioneer was announced as next year’s sponsor for the 2012 Borlaug CAST Communication Award and a breakfast to take place as a side event to the World Food Prize festivities (October).

- Elizabeth Burns-Thompson, a former Administrative Assistant at CAST and current law student at Drake University, served on a panel organized by the Alliance to Feed the Future that discussed youth, education, and agriculture. The panel discussion took place after the breakfast side event at the World Food Prize (October).

- John Bonner was honored by the National FFA Organization with the presentation of an Honorary American FFA Degree at the 85th National FFA Convention and Expo in Indianapolis (October).

- The CAST Board of Directors appointed COO Linda Chimenti as the next Executive Vice President, effective February 1, 2013, upon John Bonner’s retirement on January 31 (November).

- Kansas City, Missouri, was the location of the CAST Fall Board Meeting, where Phil Stahlman became the President of CAST and Lowell Midla the CAST President-Elect (November).

Personnel Notes

- Megan Gaul joined the CAST Student Administrative Assistant staff to help with membership and marketing. As a freshman at Iowa State, she is majoring in communication studies (February).

- John Bonner, who has served as Executive Vice President (EVP) and CEO of CAST since July 2005, announced plans to retire effective January 31, 2013 (May).

- Sally Gorenz, Student Administrative Assistant in the editorial group, graduated from Iowa State in December with a degree in ag communications (December).

- Michelle Mensing, Student Administrative Assistant in finance, graduated from Iowa State in December with a finance degree (December).

- Teresa Decker joined the CAST staff as the Student Administrative Assistant in the editorial group. Teresa is majoring in agriculture education with a communications option at Iowa State (November).

- Hailey Duff became the Student Administrative Assistant in finance at the end of the fall semester. Hailey is a finance and management major at Iowa State (November).

- Linda Chimenti, Chief Operating Officer, was named by the Board of Directors as the next EVP of CAST. Her appointment will begin on February 1, 2013 (November).
Dr. Carl Winter, the Director of the FoodSafe Program and Extension Food Toxicologist in the Department of Food Science and Technology at the University of California–Davis, was the recipient of the 2012 Borlaug CAST Communication Award. CAST President Nathaniel Tablante made the announcement at a World Bank event in Washington, D.C., in May. CAST EVP/CEO John Bonner introduced Dr. Winter as the keynote speaker/entertainer at a CropLife America meeting in Florida in September. This was the third year of CropLife Foundation sponsorship of the award.

The formal presentation of the award occurred at a breakfast side event of the World Food Prize in Des Moines, Iowa, in October. The breakfast, hosted by the CropLife Foundation and CAST, showcased Dr. Winter’s talents in spreading the word about food safety. As an accomplished musician, Winter writes, records, produces, and performs musical parodies of contemporary popular music lyrics to make them appropriate to food safety issues such as bacterial contamination, irradiation, biotechnology, government regulations, and pesticides. He has given nearly 200 live performances at conferences, trade shows, and public gatherings during the past several years and distributed more than 30,000 CDs and DVDs.

A member of the U.S. Food and Drug Administration Food Advisory Committee, Winter has received the National Science Foundation International Food Safety Leadership Award for Education. He is a Fellow of the Institute of Food Technologists, was the Inaugural Keiser Distinguished Lecturer at Ohio Northern University, and is an alumnus of the American Association for the Advancement of Science Mass Media Science and Engineering Fellows Program. Winter gives 40–50 news media interviews a year and has frequently been invited to testify before the U.S. Congress on pesticide/food safety issues.

“People need to keep eating fruits and vegetables,” Dr. Winter continually stresses. “And false information can scare the public so they end up not eating nutritious food.” His slogan about eating—“Eating is hazardous; not eating is fatal.”—is not as dire as it seems. Anyone who meets him soon realizes the man doesn’t know the meaning of negativity. But he does want consumers to understand the realities of nutrition and food safety, and he is willing to use his talents—from respected academic researcher to crowd-pleasing musician—in order to get his message across.

“Eating is hazardous.
Not eating is fatal.
People need to keep eating fruits and vegetables; and false information can scare the public so they end up not eating nutritious food. The academic paper is not dead—it gives us the groundwork and credible facts. If you don’t have the science, gimmicks don’t work.”

—Dr. Carl Winter
Borlaug CAST Communication Award acceptance remarks
Growing CAST’s Social Media Presence and Website

The CAST social media unit was busy again in 2012. A Pinterest page was added and features were enhanced on other sites. Updates follow.

Facebook
www.facebook.com, search for CAST
- CAST Facebook content—especially the “CAST Catch of the Day”—receives many hits and reposts.
- Photos of CAST life, both in and out of the office, are available.
- “Like” CAST to receive up-to-date news about publications, blogs, and other pertinent information.

SchoolTube/YouTube
www.schooltube.com/user/CAST
www.youtube.com/user/CASTagScience
- SchoolTube videos include the following:
  - Ag Science News CAST
  - Food Safety and Fresh Produce (either the full report or the three-part version)
  - Probiotics: Their Potential to Impact Human Health
  - Water, People, and the Future—Earth Day
  - The Direct Relationship between Animal Health and Food Safety Outcomes
- CAST YouTube offerings include the SchoolTube videos as well as the following:
  - Air Issues Associated with Animal Agriculture
  - Bill Northey Speaks for CAST
  - CAST Climate Change Update
  - Energy Issues Affecting Corn/Soybean Systems: Challenges for Sustainable Production
  - Herbicide-resistant Weeds Threaten Soil Conservation Gains: Finding a Balance for Soil and Farm Sustainability
  - The Science and Regulation of Food from GE Animals (two parts)

Blog
www.cast-science.blogspot.com
- In 2012, CAST produced 50 new blogs—nearly double the 2011 production.
- Blog readership passed the 20,000 viewer hit mark in December.
- Blog alerts on the CAST Twitter account are often retweeted.

Twitter
www.twitter.com/CASTagScience
- The list of followers on the CAST Twitter account continues to increase.
- CASTagScience remains a respected member of several AgChat discussions, and the network is continually growing.
- Content is received quickly by an increasing number of readers, as the CAST Twitter account, Facebook page, and Blog are interconnected.

Website www.cast-science.org
- CAST’s website provides the following:
  - publication downloads
  - current ag news and announcements
  - membership and donation information including capabilities to join, renew, or donate online
  - links to CAST’s social media
- Members can use the website for any of the above as well as viewing archived Friday Notes and submitting proposals for publications.
- A Board Members Only restricted site was instituted with expanded features to be available in 2013.
Letter from the CAST President

With each passing generation fewer people are directly or indirectly involved with agriculture, resulting in an increasingly high percentage of the population that is either uninformed or misinformed about modern agricultural science and technology as well as food safety. The situation today is not much different than it was more than 40 years ago when public concern over some aspect of agriculture highlighted the need for a reputable source of accurate information on agricultural science and technology. As a result of a meeting convened by the National Research Council of the National Academy of Sciences and attended by visionary leaders of several scientific societies related to agriculture, CAST was founded in 1972 “to provide accurate scientific information about agricultural issues involving science and technology to decision makers in government, the media, and the public.”

Throughout its 40-year history, CAST has fulfilled its mission by publishing factual, science-based reports on important topics related to agriculture, food sciences, and environmental issues written by reputable subject matter experts. They do this without financial compensation; uphold the principles of scholarship by balancing logic, facts, and truths from competing hypotheses and experimental results; and set aside personal emotions and politics to allow unbiased analysis and interpretation of science. As a result, CAST has earned a strong reputation and is viewed as a highly respected source of science-based information.

The rapid pace of change in societal interests, values, and methods of communication present challenges that CAST must continually address in order to remain relevant. The vast amount of information [misinformation] available on the Internet and the ability to access that information via cell phones and other mobile devices require changes in the way CAST information is made available. The unfathomable rise and popularity of social networking in recent years is clear indication that these are unique times requiring more and different ways of communicating our message. Though CAST enjoys a strong reputation among regulators and policymakers, the CAST brand is not as well known to the general public. CAST has expanded the use of video and social media, and the Board of Directors is considering additional ways to increase connectivity with broader and younger audiences.

Despite continuing financial challenges and brief uncertainty accompanying the announced planned retirement of Executive Vice President (EVP) Dr. John Bonner, CAST continued to produce several high-impact publications during the past year. Appreciation is extended to the authors, reviewers, and dedicated staff in the CAST office. I welcome Ms. Linda Chimenti as the next EVP of CAST and thank all members of CAST Boards for their commitment and support. Going forward, we will continue exploring innovative ways to strengthen financial resources without compromising CAST’s reputation and influence in Washington D.C., seek partnerships and alliances that are mutually beneficial, and explore new methods of communication. We welcome your ideas and need your continued support.

Phillip W. Stahlman
President of CAST
2012 CAST Membership

### KEY
- Lifetime Member
- Millennium Club
- President’s Club
- Friends of CAST

**Individual Member (includes retired and student)**

**List as of December 2012**

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### United States

#### Alabama
- James S. Bannon, Auburn
- Clifford A. Flood, Jr., Auburn
- Walter Owlesy, Auburn
- Harry S. Prim, Jr., Gordon
- Stanley Wilson, Auburn

#### Arizona
- Robert Collier, Tucson
- P. Thomas Cox, Scottsdale
- Roger D. Howard, Fountain Hills
- J. Rukin Jels, Jr., Elgin
- Thomas J. Kennedy, Phoenix
- Charles R. Krueger, Mesa
- Chuck Lakin, Avondale
- W. Gerald Matlock, Tucson
- Amy Oriza, Scottsdale
- Jeffrey C. Silvertooth, Tucson
- Richard E. Stuckey, Surprise
- Kim Umeda, Phoenix

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- Mark Cochran, Little Rock
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- Clifford S. Snyder, Conway
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- Julie G. Adams, Modesto
- Kassim Al-Khatib, Davis
- Lars Anderson, Davis
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- Filmore E. Bender, Bakersfield
- Robert P. Bosshart, Modesto
- Wade Brunts, Davis
- Claude Brown, Lodi
- Janet Caprice, Pleasant Hill
- Fred M. Carasso, Van Nuys
- Kenneth Casman, Oceanside
- Gregory Coleman, Modesto
- Joseph H. Connell, Oroville
- Joe DiTomaso, Davis
- Richard E. Dresser, Fontana
- J. A. Driver, Knights Landing
- Robert C. Eln, Clovis
- Guido Fosini, Valley Ford
- Stanley G. Goodrich, Oakdale
- Donald W. Grimes, Reedley
- Russell H. Gripp, Palo Cedro
- Robert C. Hargreaves, Bakersfield
- Lowell S. Jordan, Murrieta
- Adel A. Kader, Davis
- Franz R. Kegel, Stockton
- Mark Kreul, Baldwin Park
- Charles M. Lawrence, Eureka
- Peggy G. Lemaux, Berkeley
- Alfredo R. Lopera, San Diego
- Gary Markegard, Fortuna
- Pamela Gail Marrone, Davis
- Ernest R. Marshall, Appleton
- George C. Martin, Courtland
- Roland D. Meyer, Davis
- Arthur J. Miller, Irvine
- James W. Oltjen, Winters
- Franklin Parks, Pinedale
- Robert C. Pearl, Davis
- Betsy Peterson, Sacramento
- Stuart Pettgrove, Davis
- William Plummer, San Luis Obispo
- Calvin O. Quasal, Davis
- Dan Y. Rosenberg, Sacramento
- Carol Shennan, Santa Cruz
- David Songstad, San Diego
- Richard F. Stier, Sonoma
- Joyce F. Strand, Davis
- Andrew Thulin, San Luis Obispo
- Joe Traynor, Bakersfield
- Carl Winter, Davis
- Broc G. Zoller, Kelseyville

#### Colorado
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- Mark E. Braine, Canon City
- Stephen Del Grosso, Fort Collins
- Franklin Garry, Fort Collins
- Carl Hittle, Fort Collins
- Thomas Holtzer, Fort Collins
- Marvin E. Jensen, Fort Collins
- Albert R. Johnson, Durango
- Wayne F. Keim, Fort Collins
- E. Gordon Kruse, Fort Collins
- Dennis Lamm, Wellington
- Delbert Miles, Greeley
- Jerry Olson, Fort Collins
- Bill Orendorff, Denver
- Sarah Puerner, Fort Collins
- Shanna Seldon, Denver
- Henry L. Shands, Fort Collins
- Dale Shaner, Fort Collins
- Lee E. Sommers, Fort Collins
- Peter H. Van Schaik, Montrose
- James R. Watson, Jr., Littleton
- Philip Westra, Fort Collins

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- Lynn R. Brown, Willington
- W. A. Cowan, Storrs
- Todd L. Mervosh, Suffield
- James Putnam II, Enfield

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- Mark Van Gessel, Georgetown

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- Teresa A. Gruber, Washington
- Hans R. Herren, Washington
- Peter B. Hutt, Washington
- Rachel Steele, Washington
- Robert L. Thompson, Washington
- Jay Vroom, Washington
- Robert Young, Washington

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- Charles Carr, Gainesville
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- John F. Gerber, Gainesville
- Melvin G. Greeley, Mount Dora
- Edward A. Hanlon, Immokalee
- Richard L. Lower, St. Petersburg
- Gail E. Mahnken, Gainesville
- Donald J. McFeeters, Deland
- Harry J. Mersmann, Palm Harbor
- Lorraine Mott, Gainesville
- Gilberto Olaya, Vero Beach
- Brittany Patterson-Weber, Naples
- H. H. (Jack) Van Horn, Gainesville
- Earl Watson, Clewiston
- Clayton S. Williams, Fort Myers

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- John P. Beasley, Tifton
- Louis J. Boyd, Bogart
- Gale A. Buchanan, Adel
- David W. Dibb, Cumming
- William Flatt, Athens
- Stanley M. Fletcher, Griffin
- Will R. Getz, Fort Valley
- David A. Knauff, Athens
- Albert E. Pope, Alpharetta
- Ryan Wersal, Alpharetta

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- Jeff D. T. Barcinas, Mangilao

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- James R. Carpenter, Honolulu
- Steven J. Lupkes, Keakaha

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- John C. Foltz, Moscow
- Donald L. Ingle, Kendrick
- Gregory S. Lewis, Idaho Falls
- Glenn Mahrt, Boise

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- Richard L. Fredrickson, Jr., Urbana
- Laurie George, Johnston City
- Ralph D. Grotelueschen, East Moline
- Steven C. Huber, Urbana
- Kirk Hunter, East Dundee
- Nicole Janovick, Chicago
- Benjamin A. Jones, Urbana
- K. E. Lanka, Fulton
- Philip A. Logren, Oak Park
- Kenneth E. Olson, Schaumburg
- Patrick O’Rourke, Normal
- James E. Pettigrew, Urbana
- Kailash S. Paroohit, Des Plaines
- A. David Scarfe, Schaumburg
- J. M. Schultz, Effingham
- Wendell L. Shuman, Kirkwood
- Rodrigo Tarté, Lisle
- Dennis R. Thompson, Mahomet
- James Lusy, Chicago
- Paul Walker, Normal
- William F. Whiteside, Batavia
- Jack M. Widholm, Urbana
- Robert Wolf, Mahomet
- Marvin J. Wuster, Stockton

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- Daniel Dorney, Vincennes
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- Patricia Hester, West Lafayette
- Larry F. Huggins, West Lafayette
- Eileen J. Kladivko, West Lafayette
- Victor L. Lechtenberg, West Lafayette
- Ken McGuffey, Indianapolis
- Teresa Michaelis, North Manchester
- Lance J. Murrell, West Lafayette
- Lewis M. Naylor, Goshen
- William J. Prokop, Fair Oaks
- Jon Schoonmaker, West Lafayette
- Marvin E. Schultz, Fishers
- Paul R. Shellenberger, Franklin
- Gary C. Steinhardt, West Lafayette
- Alan L. Sutton, West Lafayette
- Todd Vogel, Seymour
- Jeff J. Volene, West Lafayette
- Randall L. Warden, Fort Wayne
- Steve Yaninek, West Lafayette

#### Iowa
- Duane Acker, Atlantic
- Jimmie L. Andersen, Council Bluffs
- Paul J. Armbrrecht, Lake City
- Carol Balvanz, Ankeny
- David Beck, Story City
- Donald C. Beitz, Ames
- John M. Bonner, Ames
- James C. Borel, Johnston
- Elizabeth Burns-Thompson, Des Moines
- Linda M. Chimenti, Ames

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2012 CAST Membership

Kentucky
- Thomas C. Bridges, Lexington
- Richard D. Coffey, Princeton
- Gary L. Cromwell, Lexington
- Dennis B. Egli, Lexington
- Wilbur W. Frye, Frankfort
- Cynthia Gaskill, Lexington
- Benjamin W. Harmon, Olive Hill
- Virgil W. Hays, Lexington
- Merlin Lindemann, Nicholasville
- James R. Martin, Princeton
- Douglas Overhults, Princeton

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- Roy G. Creech, Mississippi State
- John D. Madsen, Starkville
- Lyle E. Nelson, Starkville
- David R. Shaw, Mississippi State

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- John M. Gerber, Amherst
- Paul J. Peters, Brimfield
- Randall G. Prostak, Amherst
- Hilary A. Sandler, East Wareham

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- Max E. Benne, Sturgis
- Catherine W. Ernst, East Lansing
- Russell Freed, East Lansing

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- V. Allan Bandel, Glenwood
- David J. Chitwood, Glen Echo
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- Bronda F. Harrison, College Park
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- Susan Arlene McCarthy, Laurel
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- Richard D. Reynells, Laurel
- Ronald L. Ritter, Laurel
- Jane F. Robens, Bethesda
- David S. Ross, Laurel
- Kay Simmons, Columbia
- Donald A. Spencer, Silver Spring
- Nathaniel L. Tablante, College Park
- Elymar V. Vea, Crownsville
- Lester R. Vough, College Park
- Nickolas G. Zimmermann, Adelphi

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- Francis Busta, Roseville
- Vernon Cardwell, Wyoming
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- H. H. Cheng, St. Paul
- Charles J. Clanton, St. Paul
- Jerry Fruin, St. Paul
- Burge L. Gengenbach, St. Paul
- William F. Hug, St. Paul
- Larry Jacobson, St. Paul
- Kevin A. Janni, St. Paul
- Rita A. Kuznia, Stanton
- Allen Levine, St. Paul
- Gordon C. Marten, Roseville
- Cynthia K. Moen, Winton
- R. Vance Morey, St. Paul
- William S. Niehaus, Moorhead
- Donald E. Otterby, St. Paul
- Mary Raeth-Knight, St. Paul
- Joseph W. Rust, Grand Rapids
- Eric Spaulding, St. Paul
- Dennis Swan, Balaton
- Mark Wall, Eden Prairie
- Scott Webster, Northfield
- Mark Wrucke, Farmington

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- Jeff Jacobsen, Bozeman
- Thomas J. McCoy, Bozeman
- Robert Short, Laurel
- B. Staugiliary, Absarokee

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- C. Andrew Beagle, South Plainfield
- Brant Cali, Union
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- Kenneth R. Cummings, Stockton
- Melvin R. Henninger, East Windsor
- Larry S. Katz, New Brunswick
- John Meade, East Brunswick
- Donald Schaffner, Freehold

New Mexico
- Robert Hagevoort, Clovis
- Jill Schroeder, Las Cruces
- Stephen H. Thomas, Las Cruces
- Dorothy Vaughan, Fort Sumner

New Hampshire
- Michele Williams, Portsmouth

New York
- Dale E. Baum, Ithaca
- Gary C. Bergstrom, Ithaca
- Catherine Bertini, Syracuse
- Karen Bishop, Ithaca
- David Brown, Spencer

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## 2012 CAST Membership

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<th>Key</th>
<th>Individual Member</th>
<th>Millennium Club</th>
<th>President’s Club</th>
<th>Friends of CAST</th>
<th>(includes retired and student)</th>
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### Ohio
- Mark Arnfelt, Gambier
- Mark A. Bennett, Columbus
- Keith I. Brown, Wooster
- Mike Burtnagar, Columbus
- Larry E. Davis, Cincinnati
- Fredrick H. Galehouse, Doylestown
- Robert J. Gustafson, Worthington
- Robert W. Harriman, Marysville
- Stanley W. Joehlin, Currituck
- Michael P. Kelly, Marysville
- Joanne Kick-Rauch, Columbus
- John H. Litchfield, Worthington
- Lowell Midia, Marysville
- Eric K. Nelson, Marysville
- Steven C. Prochaska, Bucyrus
- Don Sanders, Urbana
- Gene E. Schram, Whitehouse
- Luther G. Tweeten, Columbus
- Tommy L. Zimmerman, Wooster

### Oklahoma
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- W. James Clawson, Dallas
- Stella M. Coakley, Corvallis
- Michael Collins, Beaverton
- Thayne R. Dutson, Corvallis
- Russell S. Karow, Corvallis
- Benjamin J. Mason, Grants Pass
- James E. Oldfield, Corvallis
- Polly Owen, Aurora
- Loydye S. Stonebrink, Rickreall
- Stan Timmernann, Pendleton
- J. Lowell Young, Corvallis
- William C. Young, Corvallis

### Oregon
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- George A. Somkuti, Lansdale
- Donald V. Waddington, Boalsburg
- Kurt M. Walker, Somerset
- Paul J. Wangsness, State College

### Puerto Rico
- Frances Vivoni, San Juan

### South Dakota
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- Erin Cortus, Brookings
- Paul E. Fixen, Brookings
- Elaine E. Grings, Brookings
- Roy and Jacqueline Holland, Spearfish
- David J. Schingoethe, Brookings

### Tennessee
- Michael W. Cook, Memphis
- Frank J. Delfino, Columbia
- Norman Goldenberg, Memphis
- David E. Harmon, Morristown
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- Richard L. Large, Memphis
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- Joseph P. Sutton, Jackson
- Troy Wakefield, Jr., Nashville
- Dennis R. West, Knoxville

### Texas
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### North Dakota
- Don Adams, Malvern
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- David Blumenthal, New Britain
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- Marvin Hall, University Park
- Kathleen Hester, Exton
- Owen Keene, Annville
- Verdean E. Keyser, Boswell
- John R. Lake, Harrisburg
- David G. Lutz, New Holland
- Harold G. Marshall, Bellfonte
- Gregory P. Martin, Elizabethtown

### Pennsylvania
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- Hiram M. Drache, Fargo
- Kirk Howatt, Fargo
- Brian Jenkins, Minot
- Rodney G. Lyn, Fargo
- Calvin G. Messersmith, Fargo
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- James A. Staricka, Williston
- Anthony Thilmont, Valley City
- Jerry Young, Nacogdoches
- Robert G. Zimbelman, Georgetown
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### Utah
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### Virginia
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- Mahlon A. Burnette III, Great Falls
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- Joseph P. Fontenot, Blacksburg
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- Alan Grant, Blacksburg
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- Stewart Leeth, Smithfield
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- Thomas W. Orme, Purcellville
- Ronald Pearson, Blacksburg
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- J. Richard Storey, Williamsburg
- Cynthia M. Wood, Blacksburg

### Washington
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- David W. Evans, Prosser
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- Joe K. Hillers, Coupeville
- Harvey A. Holt, Seattle
- Drew Lyon, Pullman
- Charles W. Matthaei, Tacoma
- Bernalyn McGaughey, Lakewood
- John P. McNamara, Pullman
- Larry E. Schrader, Wenatchee
- Leavitt S. White, Olympia
- Tom Young, Walla Walla

### West Virginia
- Gary H. Heichel, Martinsburg

### Wisconsin
- Robert F. Barnes, Madison
- Larry L. Borchert, Cottage Grove
- Meganne E. Finerty, Appleton
- Jane Hillstrom, Baileys Harbor
- Tom Kriesel, Baraboo
- Jay Mattison, Verona
- David J. Miller, Arlington
- J. Mark Powell, Madison
- Dwayne A. Rohwedder, Middleton
- Charles G. Schwab, Boscobel
- Triveni P. Shukla, Mukwonago

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**List as of December 2012**

**KEY**

◊ Lifetime Member

● Millennium Club

★ President’s Club

▲ Friends of CAST

( includes retired and student)
CAST Student Interns continued from page 5

Michelle Mensing began her CAST career in August of 2011 as the membership and marketing intern, but, as a finance major with an ag business minor, she moved to the accounting position in January of 2012. Over the summer she interned as an underwriter for the commercial agribusiness section of Nationwide Insurance, and she returned to CAST in the fall for her her final semester. She mastered balancing time during her last semester, as she continued her Nationwide internship on a limited basis as well as working at CAST and finishing school. Because she was able to take 15 hours of college credit while in high school, she graduated from Iowa State in December, a semester ahead of her class.

The CAST student interns are a reliable source of knowledge, effort, and smiles in the office. It’s a win-win situation for everyone—they hone their skills in time management and teamwork as well as their individual disciplines. A former CAST student intern wrote John Bonner an e-mail to comment on a CAST feature she had seen on RFD TV, and she ended the note by saying, “I learned more than I will probably ever know and met so many great people through CAST. I truly enjoyed the time I spent there.”

Join online today @ www.cast-science.org.
Sustaining Members 2012

Member Societies
American Academy of Veterinary and Comparative Toxicology/American Board of Veterinary Toxicology
American Association of Avian Pathologists
American Association of Bovine Practitioners
American Association of Pesticide Safety Educators
American Bar Association, Section of Environment, Energy, and Resources–Agricultural Management
American Dairy Science Association
American Meat Science Association
American Meteorological Society, Committee on Agricultural and Forest Meteorology
American Society for Nutrition
American Society of Agricultural and Biological Engineers
American Society of Agronomy
American Society of Animal Science
American Society of Plant Biologists
American Veterinary Medical Association
Aquatic Plant Management Society
Council of Entomology Department Administrators
North Central Weed Science Society
Northeastern Weed Science Society
Poultry Science Association
Society for In Vitro Biology
Society of Nematologists
Weed Science Society of America
Western Society of Weed Science

Associate Societies and Organizations
American Association of Veterinary Laboratory Diagnosticians

Ex Officio Members
Agricultural Institute of Canada

Companies and Cooperatives
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Campbell Scientific, Inc.
CHS, Inc.
Cobb-Vantress
Coca-Cola Company
Compliance Services International
Dow AgroSciences, LLC
DPI Global
DuPont Pioneer
Elanco Animal Health
Feed Energy Company
GROWMARK, Inc.
Hoard’s Dairyman Magazine
ISK Biosciences Corp.
The McGregor Company
Monsanto
Morning Star
Novus International, Inc.
Nutra-Flo Company
Potash Corporation of Saskatchewan, Inc.
Riceland Foods, Inc./Riceland Foods Foundation
Syngenta Crop Protection, Inc.
Van Diest Supply Company

Nonprofit Organizations
Agribusiness Association of Iowa
American Agri-Women
American Farm Bureau Federation
American Meat Institute
American Sheep Industry Association
American Society of Sugar Beet Technologists
Animal Agriculture Alliance
Animal Health Institute
Association of American Plant Food Control Officials
Association of Texas Soil and Water Conservation Districts
Biotechnology Industry Organization
California Citrus Quality Council
CropLife America
Farm Foundation
Indiana Crop Improvement Association, Inc.
Indiana Horticultural Society
Indiana Soybean Alliance, Inc.
International Plant Nutrition Institute
Iowa Beef Industry Council
Iowa Farm Bureau Federation
Iowa Pork Producers Association
Iowa Soybean Association
Mid America CropLife Association
National Alfalfa & Forage Alliance
National Association of Animal Breeders
National Association of Wheat Growers
National Chicken Council
National Corn Growers Association
National Cotton Council of America
National Grain and Feed Association
National Meat Association
National Pork Board
National Renderers Association
Oregon Department of Agriculture
Pennsylvania Pork Producers Council
Rice Research Board
Samuel Roberts Noble Foundation, Inc.
Southern Crop Production Association
Texas Cattle Feeders Association
The Fertilizer Institute
U.S. Poultry and Egg Association, Inc.
United Soybean Board
United States Animal Health Association
Virginia Farm Bureau Federation
Wyoming Farm Bureau Federation

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Canadian Agriculture Library
Clark University–Kasperson Library
Colorado State University Libraries
Evergreen State College–Daniel J. Evans Library
Illinois Agricultural Association
Iowa State University–Parks Library
On March 8, 2012, the Agriculture Council of America (ACA) held Ag Day events in Washington, D.C. One of the many highlights from the Ag Day program is student involvement, and the Ag Day Student Essay Contest demonstrates the insight and enthusiasm coming from young people focused on agriculture.

The theme for the contest was “American Agriculture: Feeding the Future, Filling the Gaps,” and 9th- to 12th-grade students nationwide were invited to submit essays. At the National Celebration of Agriculture Dinner that evening, Miriam Martin, a high school student from Bucklin, Missouri, was introduced as the 2012 Ag Day Essay Contest winner. She presented her essay at the dinner and received a standing ovation. Diane Gress, a high school student from Shreve, Ohio, was the winner of the video section of the contest, and her video was played at the dinner. Both students received checks for $1,000.

John Bonner attended the Ag Day events as CAST EVP/CEO. CAST continues to be a proud sponsor of the Ag Day Student Essay Contest.
Mission

CAST assembles, interprets, and communicates credible, science-based information regionally, nationally, and internationally to legislators, regulators, policymakers, the media, the private sector, and the public.

Vision

CAST will be recognized as a credible and objective source of science-based information on agricultural issues across the urban–rural continuum—especially those issues regarding food, fiber, landscape environments, and agriculturally related natural resource, societal, and environmental concerns.

“The recent restructuring of CAST was part of the focus on change. This includes translations and social media. Change is constant—that has been a key to our efforts.”

~ John M. Bonner, Executive Vice President/CEO