REACHING NEW HEIGHTS
President: Nancy Reichert, Mississippi State University
President-Elect: Gabe Middleton, Orville Vet Clinic
Past President: Richard Cavaletto, Cal Poly State University
Treasurer: Daniel Gingerich, Turtle Creek Biostatistical Services
Liaisons: David Baltensperger, Texas A&M University
Mark Cochran, University of Arkansas System
Dirk Drost, Syngenta Crop Protection LLC
Sally Flis, The Fertilizer Institute
Chris Hostetler, National Pork Board
Tom Redick, Global Environmental Ethics Counsel LLC
Executive Vice President: Kent Schescke, CAST

Representatives of Member Societies

American Association of Avian Pathologists: Robert D. Evans, Elanco Animal Health
American Association of Bovine Practitioners: Jason Nickell, Merck Animal Health
American Bar Association, Section of Environment, Energy, and Resources: Brandon Neuschafer, Bryan Cave LLP
American Dairy Science Association: George Patoka, University of Alberta
American Meat Science Association: Anna Drgil, University of Illinois
American Meteorological Society Committee on Agricultural and Forest Meteorology: Joseph Alferi, USDA/ARS/ANR/HRSL
American Society for Nutrition Nutritional Sciences Council: Kimberly Barnes, West Virginia University
American Society of Agricultural and Biological Engineers: Open
American Society of Agronomy: Drew Lyon, Washington State University
American Society of Animal Science: Glenn Duff, New Mexico State University
American Society of Plant Biologists: Amit Dhingra, Washington State University
American Veterinary Medical Association: Donald Sanders, Vaca Resources
Aquatic Plant Management Society: Joe Vassios, UPL Limited
Crop Science Society of America: Jeff Valenc, Purdue University
Entomological Society of America: Phil Mulder, Oklahoma State University
North Central Weed Science Society: Lowell Sandell, Valent
Northeastern Weed Science Society: Rob Richardson, North Carolina State University
Poultry Science Association: Michael Hulet, Pennsylvania State University
Society for In Vitro Biology: John Harbell, JHarbell Consulting LLC

Soil Science Society of America: Mary Beth Adams, Forest Service
Weed Science Society of America: James Kells, Michigan State University
Western Society of Weed Science: Brian Jenks, North Dakota State University

Representatives of Member Companies

BASF Corporation: Luke Bozeman
DuPont Pioneer: Wendy Smic
Elanco Animal Health: Kelly Sherm Rosenkrans
Land O’Lakes: Jason Sewell
Monsanto: John Vicini
Syngenta Crop Protection: Carroll Moseley
Tyson Foods: Lora Wright

Representatives of Member Nonprofits

American Farm Bureau Federation: Open
American Seed Trade Association: Andy LaVigne
CropLife America: Janet Collins
Innovation Center for U.S. Dairy: Juan Tricarico
National Corn Growers Association/Iowa Corn Promotion Board: David Ertl
National Milk Producers Federation: Jamie Jonker
National Pork Board: Open
North Carolina Biotechnology Center: Paul Ulanch
The Fertilizer Institute: Open
United Soybean Board: Charles Cannatella

List as of December 31, 2017

Kent Schescke, David Baltensperger, Richard Cavaletto, Dirk Drost, Nancy Reichert, Mark Armfelt, Dan Gingerich, Gabe Middleton, Chris Hostetler
**LETTER FROM THE CAST PRESIDENT**

2017 was a very busy and productive year for CAST. We transitioned from development of our 2016–2020 Strategic Plan to implementation of those goals. Four implementation teams, each composed of members from all three work groups, led the way and have made great strides. Their/your hard work is already making a difference!

CAST also released three major publications, plus corresponding Ag quickCASTs, during this time. We celebrated Jayson Lusk’s receipt of the 2017 Borlaug CAST Communication Award (BCCA), presented at a well-attended breakfast gathering held in conjunction with World Food Prize events. Interestingly, our 2010 BCCA recipient (Akinwumi Adesina) was named the 2017 World Food Prize Laureate.

One person to thank for our achievements is Richard Cavaletto, now CAST Past President. He led by example, helped us to attain goals, and continued to lay a firm foundation for future successes. I am grateful to have had such a great role model and advisor during my transition to President. Kent Schescke and the CAST staff are, quite simply, our backbone. I am in awe of their enthusiasm, camaraderie, and professionalism. My appreciation certainly also goes to our member organizations and individual members. They/you contributed in many ways, most especially serving on our Strategic Plan Implementation Teams, Board of Representatives, Board of Trustees, and Board of Directors. Thank you!

Because of CAST’s (your) hard work and accomplishments, our future is bright. Can we generate more than three publications in 2018? Can we secure the funds to do so? Can we broaden our reach to become more relevant? Can we ensure all members are better informed about our projects and progress? Yes we can, and we will!

---

Nancy Reichert, Ph.D.
CAST President

**LETTER FROM THE CAST EXECUTIVE VICE PRESIDENT**

When I joined CAST as the Executive Vice President in May of 2015, the Board of Directors had just started on the development of the 2016–2020 Strategic Plan. Developing and approving the plan became a major focus of the work we did in the second half of 2015, continuing into 2016. This past year, 2017, we moved from the development of the plan to the implementation of that plan and the integration into our annual goals and daily protocol. It has been the commitment of the board leadership that this be a dynamic process rather than a static report.

I am very pleased to share with you that we are making that a reality. The elements of the CAST 2016–2020 Strategic Plan (see update on page 5) are very much alive and guide the work we do every day. There has not been a Board of Directors meeting, Board of Trustees discussion, or work group call this past year during which the strategic plan has not been reviewed or had updates given or feedback requested and received. I want to commend all of the CAST directors, trustees, representatives, and staff for their commitment, focus, and follow-through in driving the implementation and action around the strategic plan this last year.

We are moving forward in our efforts to assemble, interpret, and communicate balanced, credible, science-based information about the science, technology, and innovation of food and modern agriculture. We continue to make advances in our efforts to share that information with policymakers, the media, and the public through expanded use of all communications channels—including social media. We appreciate the support of our members and stakeholders in providing ideas and feedback on new publication topics or how we streamline our processes. Working together, we are in an excellent position to “reach new heights” this coming year.

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Kent Schescke
CAST Executive Vice President

**WHO WE ARE:**

CAST is a nonprofit 501(c)(3) organization composed of scientific societies and many individual, student, company, nonprofit, and associate society members. Established in 1972, CAST’s primary work is the publication of task force reports, commentary papers, special publications, and issue papers written by scientists and subject matter experts from many disciplines including agriculture, environment, and food and health.

These publications and their distribution are fundamental activities that accomplish our mission to assemble, interpret, and communicate credible science-based information regionally, nationally, and internationally to policymakers, the media, the private sector, and the public.

The wide distribution of CAST publications to nonscientists enhances the education and understanding of the general public. Our vision is a world where decision-making related to agriculture and natural resources is based on credible information developed through reason, science, and consensus building.

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We stepped up our presence on LinkedIn this year, acquiring 63 new followers and gaining 30,555 social impressions.
Board Meetings

Spring Board of Directors Meeting
- Syngenta office in Washington, D.C.
- April 25–27
- Stakeholder reception at American Farm Bureau Federation
- Borlaug CAST Communication Award announcement at World Bank
- Stakeholder visits

Fall Board Meeting
- North Carolina Biotechnology Center, Research Triangle Park, North Carolina State University, and Bayer Bee Care Center in Raleigh, North Carolina
- October 25–27
- Attendees enjoyed one of three tours of North Carolina State University’s College of Agriculture and Life Sciences; each tour reflected the focus of a particular work group.
- A welcome reception and dinner took place at the JC Raulston Arboretum following Wednesday’s tours. Speakers included Luke Bozeman and David Monks.
- A screening of the movie Food Evolution was introduced by Janet Collins (CropLife America).
- A Food Evolution panel discussion was moderated by Nancy Reichert (2018 CAST President) following Thursday’s lunch. Panelists included Janet Collins (CropLife America), Fred Gould (NC State University), and Scott Johnson (NC Biotechnology Center).
- A tour of the Bayer Bee Care Center took place on Thursday evening followed by dinner and a reception. Attendees were welcomed by Bob Graney (Bayer CropScience) and Richard Reich (NC Department of Agriculture and Consumer Services).
- An agriculture communications panel was moderated by Mark Armfelt (CAST Past President, Elanco Animal Health) on Friday morning. Panelists included Fran Castle (BASF Bioscience Research), Hope Hart (Syngenta), Marlowe Ivey Vaughn (Feed the Dialogue NC), and Kurt Boudonck (Bayer Crop Science).

Rollouts in 2017

Plant Breeding and Genetics—A paper in the series on The Need for Agricultural Innovation to Sustainably Feed the World by 2050, Issue Paper 57, March. Cochairs: P. Stephen Baenziger, University of Nebraska; Rita H. Mumm, University of Illinois. March 22 rollout and presentations given by Stephen Baenziger and Rita Mumm:
- National Coalition for Food and Agricultural Research (NC-FAR) Senate briefing at the Russell Senate Office Building, Washington, D.C., in the morning
- NC-FAR “Lunch-N-Learn” seminar for House staffers at noon in the Longworth Building
- Afternoon presentation at the ASA, CSSA, and SSSA Science Policy Office

Crop Protection Contributions toward Agricultural Productivity—A paper in the series on The Need for Agricultural Innovation to Sustainably Feed the World by 2050, Issue Paper 58, April. Chair: Susan T. Ratcliffe, University of Illinois. April 5–6 rollout and presentations given by Susan Ratcliffe:
- April 5 afternoon presentation cohosted by CAST and CropLife America
- April 6 morning Senate briefing at the Russell Senate Office Building, Washington, D.C.
- April 6 seminar at noon in the Longworth Building for House staffers

Why Does Bee Health Matter? The Science Surrounding Honey Bee Health Concerns and What We Can Do About It, CAST Commentary QTA2017-1, June. Chair: Marla Spivak, University of Minnesota. June 19 rollout and presentations (in conjunction with the Honey Bee Health Coalition) given by Marla Spivak:
- Morning session with the National Council of Farmer Cooperatives in Washington, D.C.
- NC-FAR lunch seminar with staffers from the House of Representatives in the Longworth Building
- NC-FAR afternoon seminar with staffers from the Senate in the Russell Senate Office Building

Top left: Stephen Baenziger (standing) and Rita Mumm (sitting at table) at the Plant Breeding and Genetics presentation. Bottom left: Susan Ratcliffe presenting Crop Protection Contributions toward Agricultural Productivity at event hosted by CropLife America. Right: Kent Schescke, Marla Spivak, and Julie Shapiro (Honey Bee Health Coalition)
BoRlAug CAST cOmMunicAtion AWARD

Dr. Jayson Lusk, Distinguished Professor and head of the Department of Agricultural Economics at Purdue University, was announced as the recipient of the 2017 Borlaug CAST Communication Award (BCCA) at the World Bank in Washington, D.C., on April 27. CAST and Syngenta hosted the event, an afternoon that began with a presentation from 2016 BCCA winner Dr. Kevin Folta titled Earn Trust Before Facts Can Flow.

A consummate communicator who promotes agricultural science and technology in the public arena, Lusk uses multiple forms of media to advocate for science. As he explains how innovation and growth are critical for food security and global process, Lusk uses articles, editorials, and a popular blog to take complicated issues and make them more accessible to all.

On October 18, Dr. Lusk was honored at a World Food Prize side event where he gave a memorable keynote address: The Future of Food. After a breakfast sponsored by Syngenta, the session began with short remarks by CAST Executive Vice President Kent Schescke, World Food Prize President Kenneth Quinn, and Syngenta’s Dirk Drost. Julie Borlaug Larson, of the Norman E. Borlaug Institute for International Agriculture, spoke about her grandfather’s legacy and his connections with CAST. Dr. Helen Jensen of Iowa State University formally introduced the award recipient.

After the Borlaug CAST Communication Award sculpture was handed to Jayson Lusk, he began his speech by pointing out that he wanted to prove “an ag economist can be an effective and stimulating communicator.” He spoke of the need to consider an emerging food movement and how to engage consumers who mistrust tech and innovation. In an address that included facts and surveys, Lusk stressed the importance of engaging consumers and considering their values when communicating with the public.

Lusk’s colleagues praise him for his abilities to reach audiences outside the agricultural community and for his willingness to engage in controversial food issues. He believes farmers, policymakers, and consumers need credible information to make informed decisions—he specifically wants an informed public to know more about important research by land-grant university students.

Following Lusk’s speech, the American Society of Agricultural and Biological Engineers (ASABE) organized a presentation and panel discussion—Designing the Road out of Poverty: Ensuring Resource Access. Dr. Stephen Searcy (Texas A&M professor and ASABE president) introduced the session. Moderated by Indrajeet Chaubey (Purdue), the panelists included David Baltensperger (Texas A&M), Margaret Catley-Carlson (World Food Prize Committee), Geoff Graham (DuPont Pioneer), Timothy Williams (International Water Management Institute), and Jayson Lusk. The gathering ended with a Q & A session, providing each speaker with an opportunity to provide specifics about what works best for sustainable food production.
2017 CAST Membership

KEY
- Lifetime Member
- Millennium Club
- President’s Club
- Friends of CAST
- Individual Member (includes retired and student)
- Loyalty Member
(≥10 years of annual giving)

List as of December 31, 2017

UNITED STATES

ALABAMA
John Beasley, Jr., Auburn
Jacqueline Nix, Prattville
Channapatna Prakash, Tuskegee
Harry S. Prim, Jr., Gordon
Stanley Wilson, Auburn

ARIZONA
P. Thomas Cox, Phoenix
Roger D. Howard, Fountain Hills
Charles R. Krueger, Mesa
Gary Marchant, Tempe
W. Gerald Matlock, Tucson
Richard E. Stuckey, Surprise
Kai Umeda, Tempe

ARKANSAS
Fred Bourland, Keiser
Olivia Caillouet, Fayetteville
Mark Cochran, Little Rock
David Gealy, Stuttgart
Marei Houper, Fayetteville

CALIFORNIA
Julie G. Adams, Modesto
Kassim Al-Khatib, Davis
M. J. Bakke, Clovis
Claude Brown, Lodi
Janet Caprile, Pleasant Hill
Fred M. Carasso, Van Nuys
Richard Cavaletto, San Luis Obispo
Gregory Coleman, Modesto
Alexandra Duval, San Luis Obispo
Robert C. Ehn, Clovis
Yuanhui Fu, Walnut
Paul Gepts, Davis
Nichole Ginnan, Riverside
Stanley G. Goodrich, Rocklin
Donald W. Grimes, Reedley
Franz R. Kegel, Stockton
Peggy G. Lemaux, Berkeley
Jack Liebeck, Huntington Beach

COLORADO
John S. Avens, Fort Collins
Mandy Carr, Highlands Ranch
Stephen Del Grosso, Fort Collins
Franklyn Garry, Fort Collins
Michael Goldblatt, Colorado Springs
Marvin E. Jensen, Fort Collins
Wayne F. Keim, Fort Collins
E. Gordon Kruse, Fort Collins
W. Dennis Lamm, Wellington
Delbert Miles, Greeley
Jerry Olson, Fort Collins
Henry L. Shands, Fort Collins
Lee E. Sommers, Fort Collins

CONNECTICUT
Marisa Bedron, Bethany
Lynn R. Brown, Willington
James Putnam II, Enfield

DELAWARE
Kent Messer, Newark
Robert Thompson, Bethany Beach
Mark VanGessel, Georgetown

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Teresa A. Gruber, Washington
Hans R. Herren, Washington
Peter B. Hutt, Washington
Mary Pat Raimondi, Washington
Lori Rowley, Washington
David Schmidt, Washington
Jill Schroeder, Washington
Dan Silverstein, Washington
Robert Young, Washington

FLORIDA
Clarence B. Ammerman, Gainesville
Daniel A. Botts, Maitland
Joel H. Brendemuhl, Gainesville
Bobby Darst, Tavernier
Kathrine English, Fort Myers
Kevin Folta, Gainesville
Norman Goldenberg, Miami Beach
Melvin G. Greeley, Mount Dora
Edward A. Hanlon, Immokalee
Gail E. Mahnken, Gainesville
Donald J. McFeeters, Deland
Harry J. Mersmann, Palm Harbor
Lorraine Mott, Gainesville
Gilberto Olaya, Vero Beach
Bill Orendorff, Bradenton
Kailash Purohit, Lake City
Pedro Sanchez, Gainesville
H. H. (Jack) Van Horn, Gainesville
Earl Watson, Clewiston
Clayton S. Williams, Fort Myers

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Elizabeth L. Andress, Athens
Rhona Applebaum, Atlanta
Louis J. Boyd, Watkinsville
Gale A. Buchanan, Adel
William Flatt, Athens
Stanley M. Fletcher, Griffin
David A. Knautf, Athens
Albert E. Pope, Alpharetta

HAWAII
Brant Cali, Kula
James R. Carpenter, Hilo
Steven J. Lupkes, Kekaha

IDAHO
John C. Foltz, Moscow
Christopher Schneider, Moscow

ILLINOIS
Aldo J. Crovetti, Lake Forest
Richard L. Fredrickson, Jr., Urbana
Ralph D. Grotelueschen, East Moline
Steven C. Huber, Urbana
K. E. Lanka, Fulton
Philip A. Loftgren, Oak Park
Kenneth E. Olson, Schaumberg
Wendell L. Shauman, Kirkwood
Dennis R. Thompson, Mahomet
Wendell Usry, Chicago
Paul Walker, Danvers
Jack M. Widholm, Urbana

INDIANA
W. Dwight Armstrong, Indianapolis
Daniel Dorney, Vincennes
Larry F. Huggins, West Lafayette
Eileen J. Kladivko, West Lafayette
Leanna Koval, Lafayette
Victor Lechtenberg, West Lafayette
Alan Mathew, West Lafayette
Lanos J. Murrell, West Lafayette
Lewis M. Naylor, Goshen
Jon Schoonmaker, West Lafayette
Paul R. Shellenberger, Franklin
Hu Shi, Lafayette
Jose Simas, Greenfield
Jeff Simmons, Greenfield
Gary C. Steinhardt, West Lafayette
Randall L. Warden, Fort Wayne

IOWA
Duane Acker, Atlantic
Jimmie L. Andersen, Council Bluffs
Paul J. Armbricht, Lake City
Hannah Baysinger, Des Moines
Donald Beermann, Ames
Donald C. Beitz, Ames
John M. Bonner, Vincent
Karen Carlson, Ames
Linda M. Chimenti, Ames
Richard Chrisinger, Winfield
Sam Cook, Ames
Joseph Cordray, Ames
Paula Davis, Grimes
Caryn Dawson, Ames
Cornelia B. Flora, Ames
Dan Gogerty, Ames
G. William Griffel, Jr., Fort Dodge
John R. Hagie, Clarion
Emma Harper, Ames
Bill H. Harriott, Council Bluffs
M. Peter Hoffman, Ames
Maynard Hogberg, Ames
Palmer Holden, Iowa City
Douglas L. Karlen, Ames
Dennis R. and Betty Keeney, Ames
Marvin C. Koeper, Rhodes
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Kenneth L. Larson, Ames
Savanah Laur, Ames
Frank A. Loeffel, Des Moines
Macy Marek, Ames
Clyde Martin, Maquoketa
R. L. McConnell, Ames
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KENTUCKY

LOUISIANA

MARYLAND

MICHIGAN

MINNESOTA

MISSOURI

NEBRASKA

NEW HAMPSHIRE

NEW JERSEY

NEW MEXICO

NEW YORK

OHIO

OKLAHOMA

OREGON

PENNSYLVANIA

RHODE ISLAND

SOUTH CAROLINA

SOUTH DAKOTA

TENNESSEE

TEXAS

UTAH

VERMONT

WASHINGTON

WEST VIRGINIA

WISCONSIN

WOODBURY

WYOMING

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2017 CAST MEMBERSHIP

KEY
◊ Lifetime Member
‣ Millennium Club
uars President’s Club
 ▲ Friends of CAST
Individual Member
(includes retired and student)
▼ Loyalty Member
(≥10 years of annual giving)

List as of December 31, 2017

Turner B. Sutton, Windsor ▼
Dana Wise, Charlotte ▼
A. Douglas Worsham, Scottsville ▼

NORTH DAKOTA
David Brolaug, Bismarck ◊
Alan Dexter, Fargo ▼
Hiram M. Drache, Fargo ▼
Brian Jenks, Minot ▼
Cody Lee, Fargo
Calvin G. Messersmith, Fargo ◊
James L. Ozbun, Dickinson ◊
Thomas Peters, Fargo ◊
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Anthony Thilmony, Valley City ▼

Oklahoma
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Richard Wiley, Wooster
Kelsey Willis, Marysville
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Michael Kenna, Stillwater
Drew L. Kershen, Norman ◊
Don S. Murray, Stillwater ◊
Jim L. Rainey, Edmond ◊
Ned S. Raun, Tulsa ◊

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Duncan Allison, Kennett Square
Allyson Anderson, Exton
Jim Borel, West Chester ◊
Linda G. Carter, Kennett Square ◊
Evan Crisman, Philadelphia
Zhengxiu Dou, Kennett Square
David Galligan, Philadelphia
Robert E. Graves, University Park ▶
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John Hurst, Honey Brook
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Carleigh Melofchik, Philadelphia
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George A. Somkuti, Lansdale ◊
Catherine Thurston, Lake Ariel
Lester Vough, Hanover ◊
Donald Waddington, Boalsburg ◊
Paul J. Wangsness, State College ◊

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David J. Schingoethe, Brookings ▼

TENNESSEE
Danielle Becker, Harrogate
Eric Bisangwa, Maryville
Michael W. Cook, Memphis ▼▼
Frank J. Delfino, Columbia ◊
Amanda Gann, Cookeville
David E. Harmon, Morristown ◊
Larry G. Heatherly, Seymour ◊
Richard L. Large, Memphis ◊
Kellie Nelson, Cumberland Gap
Troy Wakefield Jr., Nashville ◊
Dennis R. West, Knoxville ◊

TEXAS
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Charles Cobb, Hereford ◊
Carl E. Coppock, San Antonio ◊
Gary L. Elrich, Willis ▼▼
Cady R. Engler, College Station ◊
Paul F. Engler, Amarillo ◊
C. Ross Hamilton, Flower Mound ▼▼
Paul G. Harms, College Station ◊
Edward A. Hiler, Denton ▼▼
A. Bruce Maunder, Lubbock ◊
Tom McDonald, Dalhart ◊
Paul D. Ohlenbusch, Georgetown ▼▼
Walter Owlsley, Stephenville
Randy Rosiere, Stephenville ◊
Edward A. Ruge, College Station ◊
Jeffrey W. Savell, College Station
Wilson Scaling, Henrietta ◊
Stephen W. Searcy, College Station ◊
L. R. Sprott, College Station ◊
David Waggoner, Hillsboro▼
Jennifer Walker, Dallas
John Walker, San Angelo
Neil F. Walter, Oglesby
Mark Walton, Austin
Robert G. Zimbelman, Georgetown ◊

UTAH
David Dibb, Santa Clara ◊
Calvin Pearson, Salem ▼▼
Allen J. Young, Logan ▼▼

VERMONT
Kent Henderson, Saint Albans
Julie Smith, Burlington ▲

VIRGINIA
John A. Becker, Arlington ▼▼
Mahlon A. Burnette III, Great Falls ◊
Richard Crowder, Alexandria
Bernadette Dunham, Hume ◊
Joseph D. Eifert, Blacksburg ▼▼
Robert Evans, Harrisonburg
Barbara Glenn, Arlington ▼▼
Alan Grant, Blacksburg ▼▼
Elaine Grings, Vienna ▼▼
Arlene Hamburg, Reston
Jim Hilleary, Leesburg
Candi Kelly, Blacksburg ◊
Thomas W. Orme, Purcellville ◊
Ronald Pearson, Blacksburg ◊
J. Richard Storey, Williamsburg ◊
Don Vondriska, Richmond ◊
Cynthia M. Wood, Blacksburg ◊

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Bai Krishen Bhat, Seattle ▼▼
Rick Boydstun, Prosser ▼▼
David W. Evans, Prosser ▼▼
Larry K. Hiller, Pullman ◊
Joe K. Hillers, Coupeville ▼▼
Harvey A. Holt, Seattle ▼▼
Drew Lyon, Pullman ◊
Bernalyn McGaughey, Lakewood ◊
John P. McNamara, Pullman ◊
Tom Young, Walla Walla ◊

WEST VIRGINIA
Mary Beth Adams, Morgantown
Gary H. Heichel, Martinsburg ▼▼

WISCONSIN
Larry L. Borchert, Cottage Grove ◊
Thomas Kennedy, Westport ◊
Angela Niles, Casco
Dwayne A. Rohweder, Middleton ▼▼
Triveni P. Shukla, Mukwonago ◊
Leo M. Walsh, Madison ▼▼
Scott Webster, Waunakee ◊

WYOMING
Colin Kaltenbach, Laramie ◊
Alvin L. Young, Cheyenne ◊

INTERNATIONAL
Gregory Healy, Beaumarris
Fabio Yoshio Kagi, San Paulo, SP
Timothy M. Ballard, Aldergrove, BC ◊
Stan Benda, Toronto, ON
Charles Gracey, Ancaster, ON
Robert Hall, Guelph, ON ◊
David Hume, Guelph, ON

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Annual Report 2017

9

Council for Agricultural Science and Technology

AnnuAL RepoRt 2017

BoARd of tRustees updAte

Members of the CAST Board of Trustees include the following:

- Mark Cochran (chair)—Vice President for Agriculture, University of Arkansas System
- Dale Bauman—Liberty Hyde Bailey Professor, Cornell University
- Julie Borlaug Larson—Vice President of Communications, INARI Agriculture
- James Greenwood—President and CEO, Biotechnology Industry Organization
- Craig Hill—President, Iowa Farm Bureau Federation
- Stanley Johnson—Assistant to the Dean for Special Projects, College of Agriculture, Biotechnology, and Natural Resources, University of Nevada
- Ken Roberts—Director, International Business Relations, Mondelēz International
- Akin Adesina—President, International Business Relations, Mondelēz International
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- Prabhaker Reddy Ginuga, Hyderabad, Telangana
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- Diane McLean, Carleton Place, ON
- Lorna Michael-Butler, North Saanich, BC
- John Mitchell, Hamilton, ON
- Arnold B. Pierce, Calgary, AB
- Alison Sunstrum, Airdrie, AB
- John Vanderstoep, Surrey, BC
- Mexico
- Netherlands
- Nigeria
- Pakistan
- South Africa
- United Kingdom

CAST staff members enjoyed a day away from their desks to get the grounds ready for spring/summer.

Most Requested CAST Publication in Last Six Years—**Herbicide-resistant Weeds Threaten Soil Conservation Gains: Finding a Balance for Soil and Farm Sustainability**

Most Viewed CAST Video in Last Six Years—**Animal Feed vs. Human Food: Challenges and Opportunities in Sustaining Animal Agriculture Toward 2050**

INDIVIDUAL MEMBERSHIP OPTIONS

- **Lifetime Member**: $2,500/contribution or pledge
- **Millennium Club**: $1,000/calendar year
- **President’s Club**: $500/calendar year
- **Friends of CAST**: $250/calendar year
- **Individual Member**: $100/calendar year
- **Retired Member**: $60/calendar year
- **Young Professional**: $35/calendar year
- **Student Member**: $0/calendar year

BENEFITS OF MEMBERSHIP

- With your generous support, CAST will continue to strengthen its position at the international forefront of science communication.
- Receive **Friday Notes** and electronic material.
- Receive CAST’s publications and “members only” website access.
- CAST is a qualified 501(c)(3) tax-exempt organization. Therefore, your membership may qualify as charitable contributions under IRS guidelines.

Join online today @ cast-science.org.
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CAST

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American Association of Bovine Practitioners
American Bar Association, Section of Environment, Energy, and Resources
American Dairy Science Association
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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
Crop Science Society of America
Entomological Society of America
North Central Weed Science Society
Northeastern Weed Science Society
Poultry Science Association
Society for In Vitro Biology
Soil Science Society of America
Weed Science Society of America
Western Society of Weed Science

ASSOCIATE SOCIETIES

Association of American Veterinary Medical Colleges
Midwest Poultry Federation
Ohio Dairy Vets
Philadelphia Society for Promoting Agriculture

EX OFFICIO MEMBERS

Agricultural Institute of Canada
National Coalition for Food and Agricultural Research

COMPANIES AND COOPERATIVES

American Farmer TV Series (RFD-TV)
BASF Corporation
Bayer CropScience
Coca-Cola Company

Compliance Services International
Dow AgroSciences, LLC
DPI Global
DuPont
GROWMARK, Inc.
Hoard's Dairyman Magazine
ISK Biosciences Corporation
Land O'Lakes
McGregor Company
Merck Animal Health
Monsanto
Page & Pedersen International, Ltd.
PotashCorp
Riceland Foods Foundation
Syngenta Crop Protection, Inc.
The Andersons, Inc.
Tyson Foods, Inc.
Van Diest Supply Company
Zeigler Bros., Inc.

NONPROFIT ORGANIZATIONS

Agribusiness Association of Iowa
American Farm Bureau Federation
American Registry of Professional Animal Scientists
American Seed Trade Association
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 Innovation Organization
California Citrus Quality Council
California Farm Bureau Federation
Council for Biotechnology Information
CropLife America
Farm Foundation
Illinois Crop Improvement Association
Indiana Crop Improvement Association, Inc.
Indiana Soybean Alliance
Innovation Center for U.S. Dairy
International Plant Nutrition Institute
Iowa Beef Industry Council
Iowa Corn Promotion Board
Iowa Farm Bureau Federation
Iowa Pork Producers Association
Mid America CropLife Association
National Alfalfa & Forage Alliance
National Association of Animal Breeders
National Chicken Council
National Com Growers Association
National Cotton Council of America
National Grain and Feed Association
National Milk Producers Federation
National Pork Board
National Renderers Association
North Carolina Biotechnology Center
Pennsylvania Pork Producers Council
Rice Research Board
Southern Crop Production Association
Texas Cattle Feeders Association
The Fertilizer Institute
United Soybean Board
United States Animal Health Association
U.S. Poultry and Egg Association, Inc.
Virginia Farm Bureau Federation
Wyoming Farm Bureau Federation

SUBSCRIBERS

Brigham Young University–Harold B. Lee Library
California Department of Pesticide Regulation–Registration Resource Library
Canadian Agriculture Library
Colorado State University Libraries
Dalhousie University–MacRae Library
Iowa State University–Parks Library
North Carolina State University–Hunt Library
Purdue University Libraries
South Dakota State University–Hilton M. Briggs Library
Texas A&M University–Evans Library
Texas Tech University Libraries
University of California–Berkeley Library
University of California–Davis Library
University of Georgia Libraries
University of Guelph–McLaughlin Library
University of Illinois Library
University of Maryland–McCeldin Library

EDUCATIONAL PROGRAMS

California Polytechnic State University
Cornell University
Iowa State University
Kansas State University
Land O’Lakes, for support of National Association of Agricultural Educators
Mississippi State University
North Carolina State University
Texas A&M University
The Ohio State University
University of Arkansas Division of Agriculture
University of California–Davis
University of Florida
University of Kentucky
University of Nebraska
University of Nevada

GRANTORS/EVENT SPONSORS

American Farm Bureau Federation
ASA, CSSA, and SSSA Science Policy Office
BASF
Bayer CropScience
Compliance Services International
CropLife America
Honey Bee Health Coalition
Iowa Corn Promotion Board
Iowa Farm Bureau
Monsanto
National Council of Farmer Cooperatives
National Pork Board
North Carolina Biotechnology Center
North Carolina State University
Seaboard Foods LLC
Syngenta
The World Bank
USDA–Agricultural Research Service
USDA–Animal and Plant Health Inspection Service

University of Minnesota Libraries
University of Tennessee–John C. Hodges Library
University of Wisconsin at Madison–Steenbock Memorial Library
Wageningen University and Research Centre Library

 cast-science.org  Council for Agricultural Science and Technology
2017 Revenue Sources

Program Support 31%
- 5% Borlaug CAST Communication Award
- 16% Unrestricted Fund
- 1% Designated Publication Support

Government Grants
- 3% CRIS Grant
- 6% ARS and APHIS Grants

Membership 69%
- 5% Individual Memberships
- 27% Company Memberships
- 17% Nonprofit Memberships

Social Media
Website (cast-science.org)
Blog (cast-science.blogspot.com)
Facebook (@CASTagScience)
Twitter (@CASTagScience)
LinkedIn (https://www.linkedin.com/company/council-for-agricultural-science-and-technology-cast-)
Pinterest (pinterest.com/castagscience)
YouTube (youtube.com/user/CASTagScience)

2017 Expenses

Development Expense 7%
- 7% Membership Recruiting and Development

Program Expense 24%
- 13% Borlaug CAST Publication Payroll
- 2% Communication Award Payroll
- 4% Direct Publication Expenses
- 5% Travel: Officers, Staff, BCCA, Publications, and Other

Administrative Expense 69%
- 52% Payroll Salaries Expense
- 16% Office Expense
- 1% Depreciation Expense

The number of followers for CAST’s Twitter account reached 6,000 and our Facebook followers moved past the 1,000 mark in 2017.

During 2017, CAST published 67 blog posts resulting in more than 35,000 views.
MISSION

CAST, through its network of experts, assembles, interprets, and communicates credible, balanced, science-based information to policymakers, the media, the private sector, and the public.

VISION

A world where decision making related to agriculture and natural resources is based on credible information developed through reason, science, and consensus building.