Marking a Milestone
President: Sally Flis, Nutrien
President-Elect: Alex Thomasson, Mississippi State University
Past President: Anna Dilger, University of Illinois
Treasurer: Dirk Drost, Minor Use Foundation, Inc. & D3 Consulting LLC
Liaisons: Gary Thompson, Southern Association of Agricultural Experiment Station Directors; George Patocka, University of Alberta; Melissa Johnson, Corteva Agriscience; Juan Tricario, Innovation Center for U.S. Dairy; Amit Dhingra, Texas A&M University; Julia Herman, National Cattlemen’s Beef Association; Brandon Neuschafer, Bryan Cave Leighton Paisner, LLP
Executive Vice President & CEO: Kent Schescke, CAST

Directors

Northeastern Weed Science Society
- Anthony Witcher, Tennessee State University

North Central Weed Science Society
- John Hinz, Bayer
- P.V. Vara Prasad, Kansas State University
- Lyn Gettys, University of Florida FLREC

ACPV
- Eric Gonder, DVM, MS, PhD, American Veterinary Medical Association

Horticultural Sciences
- Amit Dhingra, Texas A&M University, American Society of Plant Biologists

American Society of Animal Science
- Kent Odde, Kansas State University
- Sharon Clay, South Dakota State University
- Mohamed El-Gazzar, Iowa State University
- Christine Navarre, Louisiana State University
- Christine Navarre, Louisiana State University
- Anna Dilger, University of Illinois

American Bar Association, Section of Environment, Energy, and Resources: Keith Matthews, Wiley Rein LLP

American Dairy Science Association: Kathryn Proudfoot, Sir James Dunn Animal Welfare - UPEI

American Meat Science Association: Kaitlyn Compart, Smithfield

American Meteorological Society Committee on Agricultural and Forest Meteorology: Eduardo Santos, Kansas State University

American Society of Agricultural and Biological Engineers: Alex Thomasson, Mississippi State University
- Alex Thomasson, Mississippi State University
- Alex Thomasson, Mississippi State University
- Alex Thomasson, Mississippi State University

American Society of Agronomy: Sharon Clay, South Dakota State University
- Sharon Clay, South Dakota State University
- Sharon Clay, South Dakota State University
- Sharon Clay, South Dakota State University

American Society of Animal Science: Kent Odde, Kansas State University

American Society of Plant Biologists: Amit Dhingra, Texas A&M University; Horticultural Sciences

American Veterinary Medical Association: Eric Gonder, DVM, MS, PhD, ACPV

Aquatic Plant Management Society: Lyn Gettys, University of Florida FLREC

Crop Science Society of America: P.V. Vara Prasad, Kansas State University

North Central Weed Science Society: John Hinz, Bayer

Northeastern Weed Science Society: Anthony Witcher, Tennessee State University

Poultry Science Association: Jacob Lum, EURODUNA Americas Inc.

Rural Sociological Society: Michelle Worosz, Auburn University

Society for In Vitro Biology: Dwight Tomes

Society for Range Management: Barry Permyan, University of Nevada-Reno

Soil Science Society of America: Charles Rice, Kansas State University

Southwest Weed Science Society: Steve Trabalka, USDA-ARS

Western Society of Weed Science: Greg Dahl, Land O’Lakes, Inc.

REPRESENTATIVES OF MEMBER NONPROFITS
American Farm Bureau Federation: Roger Cryan
American Seed Trade Association: Andy LaVigne
Association of Equipment Manufacturers: Anita Sennett
CropLife America: Manojit Basu
Innovation Center for U.S. Dairy: Stephanie Masiello Schuette
Minor Use Foundation: Daniel Kunkel
National Cattlemen’s Beef Association: Julia Herman
National Corn Growers Association/Iowa Corn Promotion Board: David Ertl
National Milk Producers Federation: Jamie Jonker
National Pork Board: Stephanie Wisdom
National Turkey Federation: Lindy Froebel
The Fertilizer Institute: Leanne Leverich Nigon
U.S. Poultry & Egg Association: Paul Bredwell
United Soybean Board: Andrew Scott

REPRESENTATIVES OF MEMBER UNIVERSITIES
Iowa State University: Curtis Youngs
Mississippi State University: Nancy Reichert
Penn State University: Blair Siegfried
Texas A&M University: David Ballensperger
Tuskegee University: Marceline Egnin
University of Nevada-Reno: Melinda Yerka

ADDITIONAL ORGANIZATIONAL BOARD MEMBERS
Cornell University, Kansas State University, North Carolina A&T State University, North Carolina State University, The Ohio State University, University of Arkansas, University of California-Davis, University of Florida, University of Illinois, University of Kentucky, University of Missouri, University of Nebraska

BOARD OF TRUSTEES
Gary Thompson (Chair)—Executive Director, Southern Association of Agricultural Experiment Station Directors, University of Arkansas, Fayetteville
Christopher Daubert (Vice Chair)—Vice Chancellor and Dean, College of Agriculture, Food and Natural Resources, University of Missouri
Mohamed Ahmedna—Dean, College of Agriculture and Environmental Sciences, North Carolina A&T State University
Julie Borlaug—President, Borlaug Consulting
Jamie Eichorn—Commercial Unit Head, South and East Coast, Syngenta Crop Protection, LLC
Julie Funk—Dean, Veterinary Medicine, University of Arizona
Craig Hill—Iowa Farm Bureau Federation
Cathann Kress—Vice President and Dean, Agricultural Administration, The Ohio State University
Nick Place—Dean and Director, CAES, University of Georgia
Mike Strain—Commissioner, Louisiana Department of Agriculture and Forestry

List as of December 31, 2022
Over the last three years, CAST has weathered many challenges and changes, both within our organization and across agricultural and food production industries. Through this time the organization was able to adapt and meet the challenges while seeing growth in membership and continuing to publish high quality materials. In 2023, we will be transitioning to new leadership, with Kent Schescke retiring and Dr. Chris Boomsma moving into the role of Executive Vice President and CEO. Kent is an outstanding leader and a good friend, and he will be missed in and out of the CAST office. But with the addition of Dr. Boomsma, CAST is poised to evaluate new paths of growth, learn how to grow the reach of our educational materials, and make new connections.

For me, the last few years have really shown how connected we are globally. The challenges and successes around the globe impact us closer and closer every day. And with that we see every day how important it is to have the quality science reviews available from an organization like CAST. While CAST continues to develop the highest quality information, backed with the most up to date science, our speed of publishing papers and avenues for communications can be slow. Task force teams have worked with the CAST staff over the last three years to plan for ways to move the process faster and to expand the reach of this work. CAST has published a few rapid response papers in the last three years in response to the new global challenges and these were well received. I would like to see CAST continue to develop this avenue for when new challenges erupt in the agriculture and feed landscape.

CAST continues to be one of my favorite organizations to work for and with to communicate agricultural and food science at a national scale. The staff, members, and volunteer authors are all passionate about their work and it shows in the quality of work and connections that we all make as participants in CAST. I look forward to blending the changes in leadership at CAST in 2023 and supporting the organization’s continued success.

Sally Flis
CAST President

In 2022, CAST had 33 volunteer task force chairs, authors, reviewers, and board liaisons.

In 2022, after two years of dealing with pandemic-related disruptions, we started to experience a new normalcy in our lives and work. People started returning to their offices, travel resumed, and we again enjoyed face-to-face interactions with extended family, friends, and colleagues. We moved from being “on hold” to “looking ahead.”

It is with this backdrop that I experienced two major events, both professionally and personally. First was the observance of CAST’s 50th anniversary, held at our 2022 Fall Annual Meeting in Ames, Iowa. It was fitting that this celebration was held in Ames as that is where CAST was founded in 1972, and where its office is still located. It was great to see many long-time friends and former leaders of CAST during that event as we recalled and celebrated past successes, and discussed and considered ways to continue the organization’s legacy.

The second major occurrence was the official announcement of my planned retirement. Throughout that process, I appreciate that the past and present CAST Board of Directors established a timeline that not only worked for me, but also helped strengthen and position the organization to take on new opportunities, challenges, and direction. Their insights and good judgment will allow us to continue CAST’s mission, while setting us up for even greater success following my retirement.

As I reflect on the last eight years in my role as EVP and CEO of CAST, I am filled with overwhelming gratitude. First, I am grateful to the organization’s leadership for providing me this opportunity in 2015. Their encouragement and constant support allowed me to set and achieve many significant goals and objectives during my tenure.

This is followed very closely by my appreciation and respect for the talented, hard-working, dedicated team of CAST staff whom I served with throughout my time here. “Small but mighty” is an understatement of their capacity to work hard every day to help CAST accomplish its mission. I have always shared with them that while the work we do together is important, it should also be fun and fulfilling. I believe we achieved that balance as a team.

I also want to thank the many task force volunteers whom I have had the privilege of working with to produce CAST papers around critical agricultural topics. Their service, dedication, and volunteer efforts make our work relevant, reliable, and trusted.

Last but never least, I am grateful to CAST’s members, supporters, and industry allies. Their advocacy and financial commitments have helped CAST remain a valued voice for the science, technology, and innovation so important to our food, agriculture, and environment systems.

Looking ahead, I am excited about the new opportunities that await my family and me in my retirement, and am certain that I am leaving CAST in excellent hands.

Sally Flis, CAST President

In 2022, CAST had 33 volunteer task force chairs, authors, reviewers, and board liaisons.

Kent Schescke, CAST Executive Vice President & CEO
2022 BOARD MEETINGS

Spring Board of Directors Meeting
The CAST Board of Directors met virtually for the 2022 spring board meeting on April 25 and 26. Discussions centered around the upcoming fall annual meeting and CAST’s 50th anniversary; university sites for future annual meetings; the 2021–2025 adaptive plan; financial reports; and staffing needs due to pending transitions.

Fall Annual Meeting
CAST’s 50th anniversary celebration culminated at the 2022 Annual Meeting on October 25–27 in Ames, Iowa. A few highlights of the event included:
- Iowa State University (ISU) President Dr. Wendy Wintersteen spoke at the 50th anniversary reception, hosted by ISU.
- Invited speakers included Dr. Dan Grooms, Dr. Dan Robison, Dr. Ruth MacDonald, Dr. Rodrigo Tarté, Dr. Lisa Schulte-Moore, Dr. Mohamed El-Gazzar, and Dr. Eric Gonder.
- Three past EVPs—Dr. Richard Stuckey, Dr. John Bonner, and Linda Chimenti—joined EVP Kent Schescke in a discussion reflecting on the past 50 years of CAST.
- Meeting attendees toured the Corteva research facilities in Johnston, Iowa, followed by a reception and dinner where Iowa Secretary of Agriculture Mike Naig spoke.
- Current CAST President Dr. Anna Dilger passed the gavel on to Dr. Sally Flis as the incoming CAST President.

SCHESCKE ANNOUNCES RETIREMENT FROM CAST MID-2023

Kent Schescke, Executive Vice President and CEO of the Council for Agricultural Science and Technology (CAST), has announced his plans to retire in 2023 after almost 50 years of service to the agriculture, education, and scientific communities.

Schescke joined CAST in 2015 after serving 22 years with the National FFA Foundation and organization, and two years with the National Junior Achievement organization. Prior to that he served as a high school agricultural science educator for 14 years in three different schools located in Missouri.

Schescke has been instrumental in increasing the awareness of CAST’s mission and activities; growing its membership and publication production; and guiding the nonprofit through a challenging pandemic. He has also focused on enhancing the engagement of its membership, which includes scientific/professional societies, universities, nonprofit organizations, companies, and individuals.

“I have enjoyed my time with CAST, particularly the opportunity to work with a talented, hardworking staff and a committed leadership,” says Schescke. “All these dedicated individuals have supported me in telling CAST’s story about communicating the science, technology, and innovation so important to the future of food, agriculture, and the environment. It has been a privilege to work within the agricultural community throughout my career.”

WHO WE ARE:

CAST is a nonprofit 501(c)(3) organization with a membership composed of scientific and professional societies, universities, companies, nonprofits, libraries, and individuals. Established in 1972, CAST’s primary work is creating and distributing science communications developed by scientists and subject matter experts from many disciplines, including food, agriculture, and the environment.

These diverse communications are fundamental activities that accomplish our mission to convene and coordinate networks of experts to assemble, interpret, and communicate credible, unbiased, science-based information to policymakers, the media, the private sector, and the public.

The wide distribution of CAST communications to non-scientists—including publications, a weekly e-newsletter, many forms of social media, and a website with extensive resources—enhances the education and understanding of the general public. This in turn supports and reinforces its vision of a world where decision making related to agriculture, food, and natural resources is based on credible information developed through reason, science, and consensus building.
On October 19, CAST celebrated the 13th anniversary of its annual Borlaug CAST Communication Award (BCCA) by honoring this year’s recipient, Dr. Martin Wiedmann. Wiedmann is the Gellert Family Professor of Food Safety, Department of Food Science in the College of Agriculture and Life Sciences at Cornell University. He spoke on Beauty and risk: Thoughts on communicating food safety risks. In his dynamic presentation, he focused heavily on how there is no such thing as zero risk, and that science can only share the magnitude of a particular food risk. The decision from there is up to the consumer, based on their lifestyle, choices, and other personal aspects. Wiedmann’s presentation was recorded and is available for viewing on the CAST website.

The BCCA breakfast was held as a side-event to the 2022 World Food Prize at the Iowa Events Center in Des Moines, Iowa. The program included remarks from World Food Prize Foundation President Barbara Stinson; Dr. Simon Liu, Acting Administrator of the USDA/ARS; and Julie Borlaug, President of the Borlaug Foundation.

Publications in 2022

This year marked the return to in-person publication rollouts in Washington, D.C. as well as continuing to host a separate webinar presentation. Both the in-person and webinar presentations were led by the paper’s task force chair, with the webinars also providing an opportunity for a Q&A panel with the authors. Recorded webinars and Ag quickCASTs can be viewed on our website on each publication’s landing page.

Goals, Strengths, and Limitations Governing the Use of Life Cycle Assessment in Food and Agriculture

Commentary QTA-2022-1, January 24
Chairied by Dr. Marty Matlock

This commentary discussed the use of life cycle assessment (LCA) in agriculture. LCA describes the inputs (e.g. energy, materials, and resources) to a process and all the resulting outputs including the emissions and losses to the environment. This provides a modeling framework to link all processes together such that the sum of the inputs and outputs of all involved processes are included. The use of LCA then provides a system perspective that considers a product’s life cycle and quantifies the relevant impacts caused by it.

Zoonotic Diseases in Animal Agriculture and Beyond: A One Health Perspective

Special Publication 33, November 14
Chairied by Dr. Lonnie King

This special publication explored the importance of One Health’s role in animal agriculture. By looking through the lens of One Health, the authors identify key lessons learned in the dynamics of zoonotic diseases including their transmission and prevention. With this knowledge and the insights from the vignettes presented in this paper, more effective recommendations to address the growing challenges of zoonoses can be made. Finally, the paper discusses the need and benefits for agriculture to become more engaged in One Health activities and opportunities to better manage the global threats of zoonotic diseases.

Thank you for supporting CAST and helping us mark this important milestone!
The CAST Science Communication Scholarship encourages graduate-level student scientists, specifically those focusing on careers in agriculture or food sciences, to grow their abilities to communicate with non-scientific audiences. Selected graduate and veterinary medicine students were invited to learn about the application of science communication at the 2022 CAST Annual Meeting held at Iowa State University. This opportunity instilled the importance of science communication by allowing students to participate in CAST's ongoing work and mission as well as provide students with networking opportunities with like-minded scientists from across the nation.

This year, 13 graduate students from Iowa State University received the CAST Science Communication Scholarship during the CAST Annual Meeting. The recipients were nominated by their professors. A blog with all the students' media is available for viewing on the CAST website. This scholarship is supported by individual donors of CAST.

CAST's website received more than 83.2k views from all over the world in 2022.

People Really “Like” Us!

In 2022, we had almost 12k followers across all our social media accounts:
+ Facebook reached 2,058 followers
+ Twitter totaled 8,394 followers
+ LinkedIn climbed to 782 followers
+ YouTube had 607 subscribers & over 1,400 views

GOGERTY RETIRES FROM CAST

Dan Gogerty retired from CAST in spring 2022 after passionately serving as the Friday Notes' editor for more than a decade. Dan grew up on a traditional Midwest family farm and after teaching thirty-six years at seven schools in Japan, Australia, and Iowa, he “signed on with an organization that has a reputation for doing what I was trying to teach: communicating effectively and clearly.” If anyone could receive a Ph.D. in Friday Notes, it would be Dan as he created more than 560 editions of the weekly newsletter. All of the naked mole rat articles that he found over the years deserve an honorable mention. He discusses his reflections on his blog that you can read on our website.

Top 5 CAST Publications

Below, we provide our top five publications based on impact data—all publications are available for download at cast-science.org/publications.

1. Zoonotic Diseases in Animal Agriculture and Beyond: A One Health Perspective – SP33 – Released November 2022
3. Goals, Strengths and Limitations Governing the Use of Life Cycle Assessment (LCA) in Food and Agriculture – QTA2022-1 – Released January 2022
### 2022 CAST MEMBERSHIP

<table>
<thead>
<tr>
<th>Key</th>
<th>Cast Member</th>
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#### UNITED STATES

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<td>ALABAMA</td>
<td>Lane Galloway, Auburn</td>
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<td>DELAWARE</td>
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<td>DISTRICT OF COLUMBIA</td>
<td>Michael Goldblatt, Washington</td>
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<td>FLORIDA</td>
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<td>ILLINOIS</td>
<td>Jody Bickel, Champaign</td>
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<td>INDIANA</td>
<td>Lindsey Berebitsky, West Lafayette</td>
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<td>KANSAS</td>
<td>Ethan Denson, Manhattan</td>
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<td>KENTUCKY</td>
<td>Dennis Egli, Lexington</td>
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<td>LOUISIANA</td>
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<td>MARYLAND</td>
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**KEY**

- **Lifetime Member**
- **President’s Club**
- **Friends of CAST**
- **Loyalty Member**
- **Individual Member** (includes retired, young professional, and student)

**List as of December 31, 2022**

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**Cast-sciences.org**

**Council for Agricultural Science and Technology**
2022 CAST MEMBERSHIP

KEY
◊ Lifetime Member
 President’s Club
▲ Friends of CAST
▼ Loyalty Member
Individual Member
(includes retired, young professional, and student)
List as of December 31, 2022

MISSISSIPPI
Dakota Hester, Starkville
Johnnie Jenkins, Starkville
Barbara Okai, Starkville
Nancy Reichert, Mississippi State
Earl Watson, Brandon
Keith Fairbank, Ashville
Sally Flis, Wilson
Russell Hahn, Groton
Marvin Pritts, Trumansburg
William Prokop, Tully
Joe Regenstein, Ithaca
Norman Scott, Ithaca
Martin Wiedmann, Ithaca
Alexia Yue, Vestal
Rick Zimmerman, Albany

MOUNTAIN
Kentucky
Virginia
North Carolina
Don Allemann, Greensboro
Markus Andres, Chapel Hill
A. Richard Bonanno, Raleigh
Garth Boyd, Raleigh
Leonard Bull, Wilmington
Harold Coble, Cary
Dirk Drost, High Point
Keith Edmisten, Raleigh
Walter Fehr, Chapel Hill
Robert Giegengack, Winston-Salem
Robert Holm, Holly Springs
David Lineback, Southport
Gaylon Morgan, Cary
Carroll Moseley, Brown Summit
Ishwar Murarka, Durham
Piyush Pandey, Raleigh
Katharine Perry, West End
Odis Wayne Robison, Raleigh
Joseph Schu, Raleigh
R. Wayne Skaggs, Raleigh
Ronald Sneed, Raleigh
Charles Sopher, Washington
Charles Stuber, Raleigh
Turner Sutton, Windsor
A. Douglas Worsham, Scottsville

NEVADA
Warren Schwecke, Mesquite

NEW JERSEY
C. Andrew Beagle, South Plainfield
Kenneth Cummings, Stockton
Zane Helsel, Ewing
Melvin Henninger, East Windsor
Daniel Kunkel, Princeton
Donald Schaffner, Milltown
Robert Hagevoort, Clovis
Jill Schroeder, Las Cruces

NEW MEXICO
Philippe Baneux, Ithaca
Daniel Barber, New York
Gary Bergstrom, Ithaca
Catherine Bertini, Syracuse
Karyn Bischoff, Lansing
Sarah Evanega, Ithaca

NEW YORK
Thomas Peters, Fargo
Anthony Thilmony, Valley City
Alex Amador, Columbus
Mark Armfelt, Gambier
Keith Brown, Wooster
Larry Davis, Mason
Bailey DeGroat, Caledonia

OHIO
John Foltz, Dublin
Daniel Gingerich, Lebanon
Robert Gustafson, Worthington
Robert Harriman, Delaware
Jerih Joyner Janahar, Columbus
Stanley Joehin, Curitice
Michael Kelly, Dublin
Morgan Kessler, Ostrander
Cathann Glossie, Columbus
Jeffrey Lakritz, Plain City
John Litchfield, Worthington
Phil Lowe, Beverly
Gabe Middleton, Orrville
Eric Nelson, Springfield
Lenin Rodriguez, Wooster
Donald Sanders, Urbana
Anna Wagner, Columbus
Kenten Weaver, Reynoldsburg
Kush Kumar Yadan, Wooster

OKLAHOMA
Bily Clay, Stillwater
Richard Coffey, Stillwater
Michael Craig Edwards, Stillwater
William Edwards, Stillwater
John Fenderson, Stillwater
Drew Kershner, Norman
Don Murray, Stillwater

OREGON
Thayne Dutson, Sisters
Russell Karow, Corvallis
Loyde Stonebrink, Rickreall

PENNSYLVANIA
Jim Borel, West Chester
Robert Graves, State College
Verdean Keyser, Boswell
Charles Krueger, State College
David Lutz, New Holland
Gregory Martin, Elizabethtown
Robert M. Smith, Alexandria
Lester Vough, Hanover
Paul Wangsness, State College
Leah Welk, Strasburg

SOUTH CAROLINA
Audie Cherry, Seneca

DAKOTA
David Schingoethe, Brookings

OMAHA
Charles Francis, Lincoln
K. E. Lanka, Fulton
Martin A. Massengale, Lincoln
Fred Roeth, Lincoln
William Schmutz, Omaha
Michele Schoeneberger, Lincoln
Larry Schulze, Eagle
Charles Shapiro, Concord
Leroy Svec, Seward
Raymond Ward, Kearney
Ted Warfield, Kearney

NEBRASKA
Charles Stuber, Raleigh

NORTH DAKOTA
David Borlaug, Bismarck
Alan Dextor, Fargo
Calvin Messersmith, Fargo
John Miller, Gackle
William Niehaus, Fargo
James L. Ozbun, Dickinson
Harsh Pathak, Bismarck

VERMONT
Karen Blanchard, Stowe

VIRGINIA
Don Herring, Christiansburg

WASHINGTON
B. Staigmiller, Absarokee
Robert Short, Laurel
B. Staigmiller, Absarokee

WASHINGTON, D.C.

WEST VIRGINIA

Wisconsin

WYOMING
### Individual Membership Options

<table>
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<th>Membership Type</th>
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<td>$2,500/contribution or pledge</td>
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### Benefits of Membership

- **Support of CAST’s work and mission.** Your membership supports CAST’s ability to communicate the science, technology, and innovation so important to the future of food, agriculture, and the environment. This happens through CAST publications, social media, webinars, presentations, and weekly newsletter.

- **Friday Notes newsletter.** You will receive a subscription to CAST’s Friday Notes, our signature e-newsletter and a respected educational resource, providing excellent agricultural information and timely links to the latest ag news.

- **Printed copies of publications.** Members may request a printed copy of any new publication releases. All of our papers are also available as free downloads on our website.

- **A tax deduction.** Since CAST is a 501(c)(3) tax-exempt nonprofit, your membership contributions and donations are tax deductible.

- **Recognition of your support.** You will be noted on our website and annual report as a valued member of CAST.

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**Join online today @ cast-science.org.**
### 2022 Sustaining Members

#### Member Societies
- Agricultural and Applied Economics Association
- American Association of Avian Pathologists
- American Association of Bovine Practitioners
- American Bar Association, Section of Environment, Energy, and Resources
- American Dairy Science Association
- American Meat Science Association
- American Meteorological Society, Committee on Agricultural and Forest Meteorology
- 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
- Rural Sociological Society
- Society for In Vitro Biology
- Soil Science Society of America
- Weed Science Society of America
- Western Society of Weed Science

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

#### Educational Programs
- Cornell University
- Iowa State University
- Kansas State University
- Mississippi State University
- North Carolina A&T State University
- North Carolina State University
- Penn State College of Agricultural Sciences
- Purdue University Libraries
- Texas A&M University
- The Ohio State University
- Tuskegee University
- University of Arkansas System
- University of California–Davis
- University of Florida
- University of Georgia
- University of Illinois
- University of Kentucky
- University of Missouri
- University of Nebraska
- University of Nebraska–Lincoln
- University of Nebraska–Reno

#### Companies and Cooperatives
- BASF Corporation
- Bayer CropScience
- BeeHero
- Coca Cola Company
- Compliance Services International
- Corteva Agriscience
- DPI Global
- Epogee, LLC
- GROWMARK, Inc.
- Hoard’s Dairyman Magazine
- ISK Biosciences Corporation
- Lisbon Veterinary Clinic
- McGregor Company
- Merck Animal Health
- Morning Star Company
- Mosaic Company
- Nutrien–Agrum
- Page & Pedersen International, LLC
- Syngenta Crop Protection, Inc.
- The Andersons, Inc.
- Van Diest Supply Company
- Zeigler Bros., Inc.
- Zoetis

#### SUBSCRIBERS
- Brigham Young University–Harold B. Lee Library
- Canadian Agriculture Library
- Colorado State University Libraries
- Dalhousie University–MacRae Library
- Iowa State University–Parks Library
- North Carolina State University–Hunt 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–McKeldin Library
- University of Minnesota Libraries
- University of Tennessee–Hodges Library
- University of Wisconsin at Madison–Steenbock Memorial Library
- Wageningen University & Research Library

#### Nonprofit Organizations
- Agricultural Institute of Canada
- Global Leaders in Agriculture
- National Coalition for Food and Agricultural Research

#### Ex Officio Members
- Agribusiness Association of Iowa
- American Farm Bureau Federation
- American Registry of Professional Animal Scientists
- American Seed Trade Association
- American Sheep Industry Association
- Animal Agriculture Alliance
- Animal Health Institute
- Association of American Plant Food Control Officials (AAPFCO)
- California Citrus Quality Council
- California Farm Bureau Federation
- CropLife America
- Farm Foundation
- Foundation for Food and Agriculture Research
- Illinois Crop Improvement Association
- Indiana Crop Improvement Association, Inc.
- Indiana Soybean Alliance
- Innovation Center for U.S. Dairy
- Iowa Beef Industry Council
- Iowa Corn Promotion Board (joint with NCGA)
- Iowa Farm Bureau Federation
- Iowa Pork Producers Association
- Iowa Soybean Association
- Mid America CropLife Association
- Minor Use Foundation
- National Association of Animal Breeders
- National Cattlemen’s Beef Association
- National Corn Growers Association (see Iowa Corn Promotion Board)
- National Cotton Council of America
- National Milk Producers Federation
- National Pork Board
- Noble Research Institute, LLC
- North American Renderers Association
- Pennsylvania Pork Producers Council
- Rice Research Board
- Southern Crop Production Association
- Texas Cattle Feeders Association
- The Fertilizer Institute
- U.S. Poultry and Egg Association
- United Soybean Board
- United States Animal Health Association
- Virginia Farm Bureau Federation
- Wyoming Farm Bureau Federation

#### Grantors/Event Sponsors
- Bayer CropScience
- Dr. Don Beitz
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- Iowa Farm Bureau Federation
- Iowa Soybean Association
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- Iowa State University College of Agriculture and Life Sciences
- Iowa State University College of Veterinary Medicine
- Mississippi State University Department of Agricultural and Biological Engineering
- The Ohio State University College of Food, Agricultural, and Environmental Sciences
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- Dr. Rodrigo Tarte
- Texas A&M University, Department of Soil and Crop Sciences
- United Soybean Board
- USDA–Agricultural Research Service
- Dr. Wendy Wintersteen
- Dr. Curtis Youngs
- Dr. Qijing Zhang
### 2022 Revenue Sources

- **Publication Support Sponsorship**: 43%
  - 15% Unrestricted Fund
  - 8% Designated Publication Support

- **Government Grants**: 8%
  - 8% Grants
  - 3% CRIS Contract
  - 9% ARS-APHIS-NIFA-USDA Grant

- **Membership**: 57%
  - 4% Individual Memberships
  - 24% Company Memberships
  - 11% Nonprofit Memberships
  - 11% Education Memberships
  - 7% Society and Associate Memberships

### 2022 Expenses

- **Developmental Expenses**: 4%
  - 4% Membership Recruiting and Development

- **Program Expenses**: 20%
  - 14% CAST Publication Payroll
  - 3% Borlaug CAST Communication Award Payroll
  - 1% Direct Publication Expenses
  - 2% Travel: Officers, Staff, BCCA, Publications, and Other

- **Personnel/Administration Expenses**: 76%
  - 56% Payroll Salaries Expense
  - 20% Office Expense

### Cover Images

**Front Cover Photo Credits**: All pictures taken by Dr. Dwight Tomes.

**Top Left**: Current and past Executive Vice Presidents: Kent Schescke, Richard Stuckey, Linda Chimenti, and John Bonner.

**Top Right**: Current and past Presidents: Edward Runge, David Baltensperger, Anna Dilger, Sally Flis, Donald Beitz, Juan Tricarico, and Richard Cavaletto.

**Middle Left**: Dr. Wendy Wintersteen and Kent Schescke. **Middle Right**: Kent Schescke.

**Bottom Left**: Richard Stuckey. **Bottom Middle**: John Bonner. **Bottom Right**: Linda Chimenti.

**2022 CAST Staff**

From left: Kent Schescke, Colleen Hamilton, Gale Osborne, Anne Owens, Megan Wickham, Dylana Luett, Rachel Bauler.

Insets from left: Dan Gogerty, Melissa Sly, Daniel Richter, Nick Plaugher.
MISSION

CAST convenes and coordinates networks of experts to assemble, interpret, and communicate credible, unbiased, science-based information to policymakers, the media, the private sector, and the public.

VISION

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