



2021 Annual Meeting – Virtual

Office or Committee Name: CAST Representative

Officer or Chairperson Name: Gregory Dahl

Date of Preparation (include year): February 24, 2021

Activities during the year:

Provided a CAST Representative Report and Presentation to the WSWS society at the WSSA and WSWS joint meeting in March 2020. Provided a CAST Representative Report for the WSWS Summer Board of Directors meeting in August 2020.

Participated in each of the Monthly Plant Working Group remote meetings for the year.

Participated in the CAST National Meeting (Remote) on October 27-29, 2020.

CAST Publications released in 2020 include:

[Impact of Recruitment and Retention of Food Animal Veterinarians on the U.S. Food Supply](#) April, 2020

[Producing Food Products from Cultured Animal Tissues](#) April, 2020

[Stewardship Challenges for New Pest Management Technologies in Agriculture](#) May, 2020

[Economic Impacts of COVID-19 on Food and Agricultural Markets](#) June, 2020

[Impacts on Human Health and Safety of Naturally Occurring and Supplemental Hormones in Food Animals](#) July, 2020

[Agriculture and the Microbiome](#) August, 2020

[Impacto del Principio Precautorio en la Alimentación de las Generaciones Actuales y Futuras](#) September, 2020

[The Importance of Communicating Empirically Based Science for Society](#) September, 2020

[Food Biofortification—Reaping the Benefits of Science to Overcome Hidden Hunger](#)

October, 2020

[Ground and Aerial Robots for Agricultural Production: Opportunities and Challenges](#)

November, 2020

Due to COVID-19 restrictions, live meetings were not held in 2020. The public releases of CAST publications were over the internet. I was able to attend most of the CAST release presentations for the 2020 CAST publications listed above. These were very interesting topics and a valuable experience to me.

I am currently the mentor for Dr. John Hinz, the NCWSS CAST Representative.

Participated in several remote meetings with other Weed Science Society CAST Representatives led by Jill Schroeder (WSSA) and including Reid Smeda or John Hinz (NCWSS), Hillary Sandler (NEWS) Lynn Gettys, (Aquatic Plant Management Society) and Carrol Mosely, Syngenta (Representing CAST and WSSA). We are trying to bring value from CAST to each of our Societies. We are working on projects to improve CAST's value to each of our Weed Science Societies and its members.

We are exploring what issues and opportunities relating to invasive species issues should be documented and presented as CAST publications. We have had some discussions with Lee Van Wychen and others. Invasive species influence on wildfires in the west is one topic of interest. Jill and I are exploring opportunities for a paper in this area. We welcome any suggestions and help.

Received receipt of payment from CAST for the WSSS Sustaining membership of CAST for 2021. Forwarded receipt to Corey Ransom and Eric Gustafson on February 8, 2021. Thank you to the WSSS for supporting CAST.

Recommendations for Board Action:

No recommendations to the Board at this time.
Thank you for this opportunity.

Budget Needs:

Thank you to the WSSS and the WSSS Board of Directors for supporting CAST. I have no additional budget requests at this time.

Name of Person Preparing This Report: Gregory Dahl