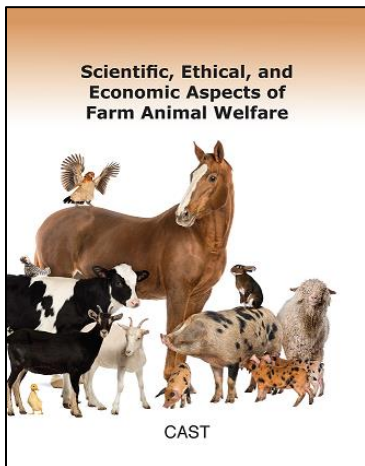


## CAST Task Force Report 143

*Scientific, Ethical, and Economic  
Aspects of Farm Animal Welfare*

Released April 23, 2018



Cochairs: Candace Croney, Department of Comparative Pathobiology/Department of Animal Sciences, Purdue University, West Lafayette, Indiana; Joy Mench, Department of Animal Science, University of California–Davis; William Muir, Department of Animal Sciences, Purdue University, West Lafayette, Indiana; 22-member task force

**Release/Rollout**

On Monday, April 23, 2018, Dr. Candace Croney, one of the task force cochairs, presented highlights and key findings of the paper in Washington, D.C., at three venues. The off-the-hill presentation was held at the American Farm Bureau Federation offices and was co-hosted by the Animal Ag Alliance. Dr. Croney then presented to House staffers at a National Coalition for Food and Agricultural Research (NC-FAR) Lunch-n-Learn seminar and to Senate staffers in the afternoon.

**In-kind Contributions:** 595 volunteer hours; \$44,030 monetary value

**Press Release (results two weeks after release)**

- Press release went to 8,755 e-contacts (3,166 media) resulting in 5,069 opens/interactions
- 291,541 headline impressions, and 159 total pickups on [press release through PRWeb](#).
- A sampling of sites where the release was picked up: Agricultural and Applied Economics Association (AAEA), AgriMarketing, All About Agriculture Through the World, ATTRA Sustainable Agriculture, Benzinga, CABI (VetMed Resource), Forward Geek, News Now (United Kingdom), One News Page, PortalTaxi.net News, The Pig Site, The Poultry Site, and several ABC, CBS, NBC and FOX news channel affiliates

**Comments Received****Follow-On Activities**

Video of Dr. Croney's presentation and slides posted on the CAST website and YouTube. [Click here to view](#). (563 views as of June 1, 2020)

**Paper Distribution**

- Paper Downloads and Ag quickCAST Downloads—2 years after release: 1,102
- Distributed approximately 475 copies of printed issue paper

*This report last updated June 2, 2020.*

## **Indirect Paper Distribution**

American Association of Avian Pathologist links to paper

<https://www.aaap.info/board-of-directors>

<https://aaap.memberclicks.net/reed-rumsey-award>

Dalhousie University Libraries lists as new book (accessed April 24, 2019)

[https://dal.ca.libguides.com/landscape\\_horticulture/books](https://dal.ca.libguides.com/landscape_horticulture/books)

<https://dal.novanet.ca/primo->

[explore/fulldisplay?vid=DAL&docid=NOVANET\\_ALEPH005537764&context=L&lang=en\\_US](https://dal.novanet.ca/primo-explore/fulldisplay?vid=DAL&docid=NOVANET_ALEPH005537764&context=L&lang=en_US)

## **Articles and Web Mentions**

**AgriNews** Accessed 5/2/2018

[http://www.agri-news-pubs.com/livestock/purdue-researchers-among-authors-of-new-farm-animal-welfare-report/article\\_c5f2f322-e2e1-58b3-b6e2-baafb63fd8ff.html](http://www.agri-news-pubs.com/livestock/purdue-researchers-among-authors-of-new-farm-animal-welfare-report/article_c5f2f322-e2e1-58b3-b6e2-baafb63fd8ff.html)

**AgriPulse** Accessed 4/25/2018

<https://www.agri-pulse.com/articles/10886-more-animal-welfare-research-needed-cast-report-finds>

**AgNewsFeed** Accessed 4/24/2018

<http://agnewsfeed.com/2018/04/23/4-topics-examined-in-farm-animal-welfare-report/>

**American Society of Animal Science** Accessed 5/7/2018

<https://www.asas.org/taking-stock/blog-post/taking-stock/2018/04/25/scientific-ethical-and-economic-aspects-of-farm-animal-welfare>

**Beef Producer** Accessed 4/23/19

<https://www.farmprogress.com/animal-welfare/4-topics-examined-farm-animal-welfare-report>

**Bovine Veterinarian** Accessed 4/23/2018

<https://www.bovinevetonline.com/article/cast-report-addresses-progress-future-needs-animal-welfare>

**Cute Pig Planet**

<https://cutepigplanet.com/scientific-ethical-and-economic-aspects-of-farm-animal-welfare/>

**Dairy Herd Management** Accessed 4/26/2018

<https://www.dairyherd.com/article/cast-report-addresses-progress-future-needs-animal-welfare>

**Drovers** Accessed 4/23/2018

<https://www.drovers.com/article/cast-report-addresses-progress-future-needs-animal-welfare>

**FarmJournal's Pork** Accessed 4/23/2018

<https://www.porkbusiness.com/article/cast-report-addresses-progress-future-needs-animal-welfare>

**Farmers' Advance** Accessed 4/30/2018

*This report last updated June 2, 2020.*

<https://www.farmersadvance.com/story/news/2018/04/30/researchers-help-write-animal-welfare-report/34402041/>

**Feedstuffs** Accessed 4/23/2018

<http://www.feedstuffs.com/news/cast-report-explores-animal-welfare-dilemma-progress>

**Jayson Lusk Food and Agricultural Economist Blog** Accessed 4/25/2018

<http://jaysonlusk.com/blog/2018/4/25/scientific-ethical-and-economic-aspects-of-farm-animal-welfare>

**Meating Place** Accessed 5/1/2018

<http://www.meatingplace.com/Member/Login?ReturnUrl=%2fIndustry%2fNews%2fDetails%2f79253>

**Morning Ag Clips** Accessed 4/25/2018

<https://www.morningagclips.com/purdue-researchers-contribute-to-animal-report/>

**National Grain and Feed Association** Accessed 4/26/2018

<https://www.ngfa.org/newsletter/u-s-needs-investment-animal-welfare-research-meet-consumer-demand-says-new-cast-report/>

**Purdue News** Accessed 4/24/2018

<http://www.purdue.edu/newsroom/releases/2018/Q2/purdue-researchers-among-authors-of-new-farm-animal-welfare-report.html>

**Purdue University College of Veterinary Medicine**, Accessed May 4, 2018

<https://vet.purdue.edu/news/pvm-scholar-among-authors-of-new-farm-animal-welfare-report.php>

**Quality Assurance & Food Safety** Accessed 5/1/2018

<http://www.qualityassurancemag.com/article/research-shows-growing-emphasis-on-animal-welfare-regulations/>

**WallacesFarmer** Accessed 4/23/2018

<http://www.wallacesfarmer.com/animal-health/4-topics-examined-farm-animal-welfare-report>

**Yardstead.com** Accessed 4/23/2018

<https://yardstead.com/news/20406-purdue-researchers-among-authors-of-new-farm-animal-welfare-report>

## Paper Citations

**Advisory Board Assessment of Antibiotic Use at Sanderson Farms, Inc.**, November 28, 2018

<http://ir.sandersonfarms.com/static-files/7a31f921-e212-485f-a3df-b9e4c7daeaee>

**World Aquaculture Society, *Aquaculture Animal Welfare and Animal Rights***, Carole Engle, August 10, 2018

<https://www.was.org/articles/Aquaculture-Animal-Welfare-and-Animal-Rights.aspx#.W9nLzuJRe70>

**WattPoultryUSA**, Austin Alonzo, April 2019

<http://www.wattpoultryusa-digital.com/201904/index.php#/16>

## Social Media

### Twitter-

*This report last updated June 2, 2020.*

**[@BuckeyeHannah]:** Join @CASTagScience and @AnimalAg in about 30 minutes for a livestream presentation on the important subject of #farm #animalwelfare  
(4/23/2014) 2 retweets

**[@farmdaily];** A new report by a Council for Agricultural Science and Technology task force examines...  
(4/23/2018)

**[@Harvest2050]:** #Livestock regulations need to be driven by science-based info on what animals need & what producers can reasonably do. – Candace Croney...  
(4/23/2018) 3 retweets and 4 likes

**[@Harvest2050\_AS]:** Consumer report they don't know where to get info on #livestock production & #animalhealth...  
(4/23/2018) 3 retweets and 5 likes

**[@Harvest2050]:** #Ag R&D for #livestock health is significantly underfunded. Need public investment for more researchers & funding...  
(4/23/2018) 2 retweets and 3 likes

**[@Farm\_Program]:** Great opportunity to learn about all aspects from animal welfare! We're proud that two of the Co-Chairs Dr. Croney & Dr. Mench...  
(4/23/2018) 3 likes

**[@JaysonLusk]:** @ProfWidmar and I contributed to the economics portion of this report...  
(4/23/2018) 12 retweets and 15 likes

**[@CASTagScience]:** CAST released new task force report that examines the Scientific, Ethical, and Economic Aspects...  
(4/23/2018) 2 retweets and 1 like

**[animalag]:** We are LIVE with @CASTagScience talking about animal welfare!  
(4/23/2018) 1 retweet

**[CASTagScience]:** Live Stream Presentation on Animal Welfare—Join Now—10:00 AM EDT  
(4/23/2018)

**[@animalag]:** Join us and @CASTagScience at 10 AM EST for a livestream presentation...  
(4/23/2018) 1 retweet and 1 like

**[@BuckeyeHannah]:** Join @CASTagScience and @AnimalAg in about 30 minutes for a livestream...  
(4/23/2018) 2 retweet and 2 likes

**[@CASTagScience]:** New CAST Report on Animal Welfare...  
(4/23/2018) 3 retweet and 4 likes

**[@CASTagScience]:** Join the live stream presentation of our new task force report...  
(4/23/2018) 1 retweet, 1 like, and 1 comment

**[@CASTagScience]:** Live Stream Presentation on CAST Animal Welfare Report...  
*This report last updated June 2, 2020.*

(4/22/2018) *1 like*

**[@CASTagScience]:** Tune in to the live stream presentation of our upcoming task force report...

(4/18/2018) *7 retweet and 7 likes*

**[CASTagScience]:** CAST invites you to the presentation of our upcoming task force...

(4/15/2018) *1 retweet*

**[@CASTagScience]:** CAST invites you to a presentation on our upcoming task force report...

(4/8/2018) *1 retweet and 1 like*

**[@CASTagScience]:** A CAST Presentation and New Report: Science, Ethical, and Economic...

(4/2/2018) *2 retweets and 1 like*

**[@cutepigplanet]:** Scientific, ethical, and economic aspects of farm animal welfare #pigs

(4/24/2018)

**[@Feedstuffs]:** Croney: It is important to have a better way to get scientific information on animal welfare out to public. Need transparency and ability to interact.

(4/23/2018) *1 retweet and 1 like*

**[@Feedstuffs]:** Croney: US lags behind EU and Canada in regard of number of researcher and knowledge base on welfare. That need to change.

(4/23/2018)

**[@Feedstuffs]:** Role of genetics must not be overlooked. Some problems related to house are due to a mismatch between animals and their environments.

(4/23/2018)

**[@Feedstuffs]:** Croney: In past decade, we've made much discovery into how animal ag can mitigate farm animal pain. More research and market...

(4/23/2018)

**[@Feedstuffs]:** Croney: We know that all systems have welfare advantages and disadvantages and that there is no simple or objective way to rank systems. We need better incorporation...

(4/23/2018)

**[@Feedstuffs]: Croney:** Among the advancements and outstanding challenge related to the animal welfare of farm animals is housing...

(4/23/2018)

**[@Feedstuffs]:** Croney: In regards to advancements in welfare assessments, we now focused on managing animals' physical and mental preferences...

(4/23/2018) *1 retweet and 1 like*

**[@Feedstuffs]:** Demographics that tend to influence public's level of concern related to animal welfare...

(4/23/2018)

**[@Feedstuffs]:** Croney: Consumer preferences are not homogenous across species and products...

*This report last updated June 2, 2020.*

(4/23/2018)

**[@Feedstuffs]:** Croney: Ethics also come into play when looking at animal welfare of farm...

(4/23/2018)

**[@Feedstuffs]:** Croney: Today, large scale, intensive systems of production are generating concerns...

(4/23/2018)

**[@Feedstuffs]:** Dr. Candace Croney, Director, Center for Animal Welfare Science at Purdue...

(4/23/2018)

**[@agripulse]:** Growing public concern over #animalwelfare is driving the need to examine the impact of large-scale production systems...

(4/29/2018) *2 retweets and 1 like*

**[@BRNAgNews\_Ken]:** Animal welfare challenges get less attention, but still exist (comments from Candace Croney...

(4/27/2018) *2 retweet and 2 likes*

**[@PurdueAgEcon]:** New @CASTagScience report examines scientific, ethical, and economic aspects of farm animal welfare. Researcher @JaysonLusk said, "its an honor to join such a prestigious group of..."

(4/25/2018) *5 retweets and 8 likes*

**[@cattlefax]:** CAST Report Addresses Progress, Future Needs in Animal Welfare

(4/25/2018) *1 retweet and 2 likes*

**[@4wildones]:** #Yes2SAFE HR113 S1706 New CAST Report on Animal Welfare

(4/25/2018) *1 retweet and 1 like*

**[@EJ\_PORK]:** 8 News Emerging priorities for agricultural #animalwelfare

(4/25/2018) *2 likes*

**[@PoloVet]:** Scientific, Ethical, and Economic Aspects of Farm #AnimalWelfare...

(4/23/2018) *1 retweet and 3 likes*

**[@Animal\_Legal]:** CAST report explores animal welfare dilemma, progress...

(4/23/2018)

**[@craigamorris]:** New CAST Report on Animal Welfare

(4/26/2018)

**[@debruning]:** CAST report explores animal welfare dilemma, progress

(4/23/2018)

**[@cutepigplanet]:** Farm animal welfare: New report tackles challenging issues swimmingpigs

(4/30/2018)

**[@PurdueToday]:** Purdue researchers among authors of new farm animal welfare report

(4/25/2018)

*This report last updated June 2, 2020.*

**[@prpnews]:** researchers among authors of new farm animal welfare report  
(4/25/2018)

**[@Animal\_Legal]:** Purdue researcher among authors of new farm animal welfare report...  
(4/24/2018)

**[@Fitness\_Te]:** Purdue researchers among authors of new farm animal welfare report...  
(4/24/2018)

**[@Yardstead]:** Purdue researcher among authors of new farm...  
(4/24/2018)

**[@cutepigplanet]:** Scientific, ethical, and economic aspects of farm animal welfare. #Pigs  
(4/24/2018)

**[@PurdueAg]:** A report, published by @CASTagScience, examines...  
(4/26/2018) *4 retweets and 8 likes*

**[@CASTagScience]:** <https://twitter.com/CASTagScience/status/1000828992939683841>  
(3/27/2018)

**[@CASTagScience]:** <https://twitter.com/CASTagScience/status/999720660476878850>  
(3/24/2018) *2 likes and 1 retweet*

**[@pucvm]:** <https://twitter.com/pucvm/status/994223164405280769>  
(5/9/2018) *1 comment, 3 retweets, and 7 likes*

**[@achengula]:** <https://twitter.com/achengula/status/988970821526999040>  
(4/24/2018)

## Facebook-

CAST, April 2, 2018

[https://www.facebook.com/CASTagScience/posts/1697003277061128?\\_xts\\_\\_\[0\]=68.ARAP7BZeCFDhQO9TbqwQmy3wDWUsXS61yiQpQhFTQkvnPB8jPulHtA3eA7GzGWFZ2CCx9xZdRaUgDccN1blbPHhIH9t9opiRIRAJNPnsGWQmELuahhKQA9AiRL47bOqMyx\\_Ua5h0rCCkBa3gjGQz3rtPvWkYDnXW3w3gmljLgi1Uu9deC8pSiMKl0HzdVHnunX17ib4y2hiRv6tr8qcvSicON-Jtimkq3UIINGmrSewZ0bM-7HWkTOVjh4vHskCv86QInfURqlx6cMvKXol61XpXwGzU3q1pQ08v2IYH-pd6h3ZHB1Mhj0lki7LHd4g6aWM4\\_5Xn1altEJqeB7FLF2X-Q&\\_tn\\_=-R](https://www.facebook.com/CASTagScience/posts/1697003277061128?_xts__[0]=68.ARAP7BZeCFDhQO9TbqwQmy3wDWUsXS61yiQpQhFTQkvnPB8jPulHtA3eA7GzGWFZ2CCx9xZdRaUgDccN1blbPHhIH9t9opiRIRAJNPnsGWQmELuahhKQA9AiRL47bOqMyx_Ua5h0rCCkBa3gjGQz3rtPvWkYDnXW3w3gmljLgi1Uu9deC8pSiMKl0HzdVHnunX17ib4y2hiRv6tr8qcvSicON-Jtimkq3UIINGmrSewZ0bM-7HWkTOVjh4vHskCv86QInfURqlx6cMvKXol61XpXwGzU3q1pQ08v2IYH-pd6h3ZHB1Mhj0lki7LHd4g6aWM4_5Xn1altEJqeB7FLF2X-Q&_tn_=-R)

**[Agricultureworld]:** The Council for Agricultural Science and Technology...  
(4/24/2018)

**[American Humane Farm Program]:** Great opportunity to learn about all aspects from animal welfare! We're proud that two of the...  
(4/23/2018) *9 likes*

**[Bob Fischer in the Ethics and Animals Page]:** Looks like and important resource! Wish it were unlock for all.  
(4/25/2018) *4 likes*

*This report last updated June 2, 2020.*

**[Carter McRee]:** FYI animals got rights too  
(4/25/2018)

**[CASTagScience]:** CAST released a new task force report that examines the...  
(4/23/2018)

**[CASTagScience]:** New CAST Report on Animal Welfare...  
(4/23/2018) *2 likes*

**[CASTagScience]:** Join the live stream presentation of our new task force report...  
(4/23/2018)

**[CASTagScience]:** Tune in to the live stream presentation of our upcoming task force report...  
(4/23/2018) *4 shares and 1 like*

**[CASTagScience]:** CAST invites you to the presentation of our upcoming task force report...  
(4/23/2018)

**[CASTagScience]:** CAST invited you to a presentation on our upcoming task force report...  
(4/23/2018) *1 like*

**[CASTagScience]:** A CAST Presentation and New Report: Scientific, Ethical, and Economic Aspects...  
(4/2/2018)

**[Purdue Agriculture]:** A new report, published by the Council for Agricultural Science...  
(4/26/2018) *9 likes*

**[Purdue University College of Veterinary Medicine & Teaching Hospital]:** Congrats Dr. Candace Croney!  
(5/9/2018) *38 likes*

**[SAFE Food SAFE Horses Coalition]:** Animal welfare is the number 1 concern, as cited in a study by global communications firm Ketchum. According to the poll, now in its third year...  
(4/25/2018) *10 likes and 5 shares*

**CASTagScience,** June 1, 2018

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/1756145944480194/?type=3&theater>

**CASTagScience,** October 4, 2019

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/2518262538268527/?type=3&theater>

## **Blog**

**AgWeb (John Maday)**

<https://www.agweb.com/article/animal-welfare-pursuit-of-continuous-improvement/>

*This report last updated June 2, 2020.*