



CAST Issue Paper 67
***Impact of Recruitment and Retention
of Food Animal Veterinarians
on the U.S. Food Supply***

Released April 6, 2020

Chair: Dr. Christine Navarre, Louisiana State University; 16-member task force

Release/Rollout

This rollout was originally scheduled as an in-person presentation in Washington, D.C. on March 27, 2020 with a Senate briefing, a House staffers Lunch-n-Learn noon seminar, and an off-the-hill presentation and discussion scheduled at American Farm Bureau Federation. Due to the impacts of the COVID-19 pandemic, government and AFBF offices were closed. CAST canceled these presentations and switched to a webinar format for the presentation.

The issue paper was released online on Monday, April 6, 2020. On Tuesday April 7, Dr. Christine Navarre, the task force chair, presented highlights of this paper through a free webinar hosted by CAST. There were **220 webinar attendees**.

- [Link to issue paper, Ag quickCAST, student study guide, and webinar video.](#)

In-kind Contributions: 270 volunteer hours; \$19,980 monetary value

Press Release (results two weeks after release)

- The press release was distributed on the [CAST website](#), [Constant Contact](#), and [PRWeb](#)
- Press release went to 5,713 e-contacts resulting in 1,538 opens.
- The press release through PRWeb resulted in 3,396 views and reached 922 targeted influencers (journalists).
- 110 media outlets posted the press release. A sampling of sites where the release was picked up: American Association of Swine Veterinarians, Chestnut Post, Feedstuffs, LSU College of Agriculture, News Break, Oklahoma Farm Report, many daily news and business journal sites, and regional news channels (ABC, CBS, CW, FOX, NBC).

Follow-On Activities

- Video of Dr. Navarre's presentation and slides posted on CAST website and YouTube. [Click here to view.](#) (430 views).
- **Have You Herd? AABP PodCasts**, April 23, 2020 (available on multiple podcast channels)
Lead author and AABP Past President Dr. Christine Navarre and CAST Past President and AABP Membership Committee Chair Dr. Gabe Middleton discuss the issues related to retention of veterinarians in food animal practice, overcoming obstacles and challenges of rural practice, and providing support and mentorship to veterinarians in your practice to improve retention. Dr. Fred Gingrich, AABP EVP, moderates the discussion.

This report last updated April 6, 2022.

- <https://www.buzzsprout.com/814177/3476737-cast-issue-paper-impact-of-recruitment-and-retention-of-food-animal-veterinarians-on-the-u-s-food-supply>
 - <https://player.fm/series/have-you-herd-aabp-podcasts/cast-issue-paper-impact-of-recruitment-and-retention-of-food-animal-veterinarians-on-the-us-food-supply>
 - <https://podtoppen.se/podcast/1494961877/have-you-herd-aabp-podcasts/cast-issue-paper-impact-of-recruitment-and-retention-of-food-animal-veterinarians-on-the-us-food-supply>
 - <https://podcasts.apple.com/us/podcast/cast-issue-paper-impact-recruitment-retention-food/id1494961877?i=1000472481764>
 - <https://podbay.fm/p/have-you-herd-aabp-podcasts/e/1587650400>
 - <https://podcasts.google.com/feed/aHR0cHM6Ly9mZWVkcyc5idXp6c3Byb3V0LmNvbS84MTQxNzcucnNz/episode/QnV6enNwcm91dC0zNDc2NzM3?sa=X&ved=2ahUKEwi1jlesicftAhXPYVvkKHV8WACkQkfYCegQIARAF>
 - <https://podtail.com/en/podcast/have-you-herd-aabp-podcasts/>
 - <https://www.podparadise.com/Podcast/1494961877>
- **Rural Veterinary Practice and Beef Sustainability Webinar Series**, August 27, 2020
Join our College of Veterinary Medicine and Extension faculty along with nationally recognized experts to learn more about rural veterinary practice issues and beef sustainability. Each webinar is approved for one hour of continuing education by the Oklahoma State Board of Veterinary Medical Examiners. Thursday, August 27, 2020 | 6:00 - 7:00 p.m.
 - Impact of Recruitment and Retention of Food Animal Veterinarians on the U.S. Food Supply
 - Dr. Christine Navarre, Professor and Extension Veterinarian
<http://beef.okstate.edu/calendar/?trumbaEmbed=view%3Devent%26eventid%3D147447711#?i=5>
 - **Debt Biggest Deterrent to Students Becoming Veterinarians**, June 19, 2020
Interview with Dr. Christine Navarre discussing debt and the impact it has on students choosing to enter vet school.
<https://www.thefencepost.com/news/debt-biggest-deterrent-to-students-becoming-veterinarians/>

Paper Distribution

- Paper Distribution (print and online access from CAST website) 2 years after release: 3,132

Indirect Paper Distribution

EBSCO

CAB Direct

<https://www.cabdirect.org/cabdirect/abstract/20203234562>

Articles and Web Mentions

AAVMC Vet-Med Educator, *CAST Issue Paper Examines Shortage of Food Animal Veterinarians*, May 2020

<https://www.aavmc.org/additional-pages/vet-med-educator-may-2020>

American Association of Swine Veterinarians, *Webinar April 7: Impact of Recruitment and Retention of Food Animal Veterinarians on the U.S. Food Supply*, March 30, 2020

<https://www.aasv.org/news/story.php?id=12565>

BEEF Vet, *Unravelling the food-animal veterinary shortage*, April 6, 2020

<https://www.beefmagazine.com/animal-health/unravelling-food-animal-veterinary-shortage>

This report last updated April 6, 2022.

Farmtario, *Population medicine, technology could streamline livestock care, Mentoring and partnering with farm animal practices can increase vet student confidence*, Diana Martin, July 19, 2021

<https://farmtario.com/livestock/population-medicine-technology-could-streamline-livestock-care/>

Feedstuffs, *Paper reviews food animal veterinarian recruitment, retention*, April 6, 2020

<https://www.feedstuffs.com/news/paper-reviews-food-animal-veterinarian-recruitment-retention>

GrowingAmerica, *Food Animal Veterinarians Face Challenges*, April 2, 2020

<https://www.growingamerica.com/news/2020/04/food-animal-veterinarians-face-challenges>

JAVMA News, *AVMA Board gets down to business, virtually*, May 13, 2020

<https://www.avma.org/javma-news/2020-06-01/avma-board-gets-down-business-virtually>

NAAE Communities of Practice, April 6, 2020

New study guide is shared with the National Association of Ag Educators

<https://communities.naae.org/community/instruction/online-distance-learning-resources/blog/2020/04/06/food-animal-veterinarian-study-guide>

Purdue University, AgEcon Department Publications 2020

<https://ag.purdue.edu/agecon/Pages/AgEcon-Publications-2020.aspx>

The Fence Post, *Diversification becoming harder for veterinarians amidst a more technical food animal industry*, Teresa Clark, June 19, 2020

<https://www.thefencepost.com/news/diversification-becoming-harder-for-veterinarians-amidst-a-more-technical-food-animal-industry/>

The University of Georgia, webinar information shared through ag education channels as “great for high school Vet Science and Animal Science students.”

<https://listserv.uga.edu/cgi-bin/wa?A2=ind2004&L=AGED-L&D=0&P=49&F=P>

Utah FFA, webinar/resource information shared through NASAE ag education channels as “another great resource for distance learning.”

<https://lists.uen.org/pipermail/aged/2020-March/000348.html>

Citations

Science Direct, *The COVID-19 pandemic: A time for veterinary leadership in one health*, One Health, Volume 11, December 20, 2020, Robert L. Fathke, Sangeeta Rao, and Mo Salman,

<https://www.sciencedirect.com/science/article/pii/S2352771420302949>

One Health, *Global health security must embrace a One Health approach: Contributions and experiences of veterinarians during the COVID-19 response in Australia*, December 2020, Published online August 2021, Sandra G. Steele, Jenny-Ann L.M.L. Toribio, and Siobhan M. Morb

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8397892/>

Irish Veterinary Journal, *Factors affecting retention of veterinary practitioners in Ireland: a cross-sectional study with a focus on clinical practice*. Volume 75, No. 13, Published, June 7, 2022, Eoin G. Ryan, Stephen H. Beatty, Elizabeth Gray, Niamh Field, Rory Liston, Victoria Rhodes, & John Donlon

<https://irishvetjournal.biomedcentral.com/articles/10.1186/s13620-022-00222-9>

This report last updated April 6, 2022.

Journal of Applied Animal Welfare Science, *Work preferences and animal welfare perception of veterinary medicine and animal science students in northeastern Mexico*, Published online May 14, 2021, Ivonne Ceballos-Olivera, Sheila Tolentino-Garcia, Sarahi Luna-Castro, Miguel Ruiz-Albarrán, Lorena Torres-Rodriguez, Luz Y. Peña-Avelino
<https://www.tandfonline.com/doi/full/10.1080/10888705.2021.1925899>

Social Media

Twitter—

AASV News Headlines @aasvnews, March 30, 2020

<https://twitter.com/aasvnews/status/1244653450576740356>

@AAVMC, April 2, 2020

<https://twitter.com/AAVMC/status/1245770183572099073>

Michael O. Johnston, Ph.D. @ProfessorJohnst, April 6, 2020

<https://twitter.com/ProfessorJohnst/status/1247339817647648768>

2 retweets, 5 likes

@CASTagScience, April 7, 2020

<https://twitter.com/CASTagScience/status/1247525075525365760>

1 like

AASV News Headlines @aasvnews, April 8, 2020

<https://twitter.com/aasvnews/status/1248002061007896577>

@CASTagScience, October 1, 2020

<https://twitter.com/CASTagScience/status/1311697780054818822>

@CASTagScience, November 13, 2020

<https://twitter.com/CASTagScience/status/1327263743395422209>

2 likes

@CASTagScience, December 22, 2020

<https://twitter.com/CASTagScience/status/1341398663537586176>

1 like

Facebook—

American Association of Bovine Practitioners, March 27, 2020

<https://www.facebook.com/AABPmembers/posts/2846657682091123>

15 likes, 1 share

Association of American Veterinary Medical Colleges – AAVMC, April 2, 2020

<https://www.facebook.com/AAVMC/posts/2790273384426434>

2 likes, 4 shares

American Association of Bovine Practitioners, April 3, 2020

<https://www.facebook.com/AABPmembers/posts/2862286343861590>

This report last updated April 6, 2022.

17 likes, 3 shares

CAST, April 3, 2020

<https://www.facebook.com/CASTagScience/posts/2907276589367118>

1 share

CAST Ames, April 7, 2020

<https://www.facebook.com/cast.ames/posts/10220366336041664>

CAST, April 7, 2020

<https://www.facebook.com/CASTagScience/posts/2915496895211754>

2 likes

Purdue University Life Sciences, April 8, 2020

<https://www.facebook.com/PurdueLifeSciences/photos/a.510681032787708/850358672153274/?type=3&theater>

CAST, April 13, 2020

<https://www.facebook.com/CASTagScience/posts/2928978047196972>

3 likes, 1 share

CAST, October 1, 2020

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/3410784129016359>

CAST, November 13, 2020

<https://www.facebook.com/CASTagScience/posts/3538266752934762>

CAST, December 22, 2020

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/3642242149203888>

1 like, 1 share

LinkedIn—

CAST, March 25, 2020

<https://www.linkedin.com/feed/update/urn:li:activity:6648575471359455232>

3 likes, 2 comments

CAST, March 31, 2020

<https://www.linkedin.com/feed/update/urn:li:activity:6650756061328404481>

3 likes

CAST, April 6, 2020

<https://www.linkedin.com/feed/update/urn:li:activity:6652928141859835904>

3 likes

CAST, April 13, 2020

<https://www.linkedin.com/feed/update/urn:li:activity:6655507352936038400>

CAST, October 1, 2020

This report last updated April 6, 2022.

<https://www.linkedin.com/feed/update/urn:li:activity:6717433207555420160>

1 like

CAST, December 22, 2020

<https://www.linkedin.com/feed/update/urn:li:activity:6747164012913401856>

1 like