The definition of “translational” research: Why Dr. Bo Harstine published in *Applied Animal Science*

AAS Early Career Researcher
Bo Harstine, Director of Research, Select Sires Inc., USA
*Invited Review: Focusing on bull management and puberty attainment in the genomic era*, published in *Applied Animal Science*

**The definition of “translational” research**

It takes knowledge, time, and effort to put together a presentation for a conference, so it is beneficial to make sure the insights you share can reach a wider audience. That is what Bo Harstine, director of research at Select Sires Inc., USA, did when he published his “*Invited Review: Focusing on bull management and puberty attainment in the genomic era*” in *Applied Animal Science*.

“The review was based on a presentation given during an American Dairy Science Association (ADSA) conference,” he explained. “The manuscript and talk focused on recent innovations related to the reproductive management of cattle. Specifically, its aim was to provide an overview of how the cattle-genetics and artificial-insemination (AI) industries have had to evolve due to the use of genomic selection, as well as the current state of AI sire management and puberty attainment. Last, I included a summary of novel research to positively impact the generation interval in cattle.”

The invited review provided him with the perfect platform for sharing his work—an overview of his graduate research combined with up-to-date industry applications. “This is the definition of “translational” research, and I enjoyed the opportunity—and challenge—of writing such an applied article as an early-career scientist,” he said.

As well as being a natural fit for the journal, it was also well placed alongside several other presentations given at the symposium. “It’s a great cache of information on this topic; I often send this work to collaborators to help them gain an understanding of the context and specifics of the projects we are planning.”
The publishing process was streamlined and time efficient, and Harstine found the formatting instructions easy to adhere to. The review process was also beneficial: “I was impressed by the knowledge and insightfulness of the reviewers chosen during peer review; it was obvious they were experts in this field of study.”

As the official publication of the American Registry of Professional Animal Scientists (ARPAS), AAS has been in publication since 1985, and today it is a leading outlet for animal science research. Publishing in AAS means reaching peers as well as practitioners, who look to the journal for their continuous development.

“I have received positive feedback from peers within private industry, as well as those within academia. I believe the timing of this article is very pertinent for researchers in the fields of cattle reproduction and genetics.”

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