

Video	Audio
Maine Chance Farm, Barn 10 Show entrance	I grew up on a horse farm and horses are my passion. That is why I became a veterinarian, and ever since my time in vet school, I have been fascinated by parasites and the challenges they pose to us and our horses. Working at the Gluck Equine Research Center at University of Kentucky, I have the privilege of devoting all my research efforts to providing solutions for parasite control in our horses. The horses around me comprise a unique herd kept for parasitology research purposes at University of Kentucky. These healthy horses have not been dewormed for about 35 years, and provide a great opportunity for important research.
Gluck Exterior building	When I was a kid, we dealt with deworming like everybody else: dewormed all horses on fixed dates year-round and rotated between dewormers to prevent resistance. Now, we know that resistant parasites are a world-wide problem in horses, these calendar-based approaches have clearly failed.
Nielsen Laboratory microscopes	The research needs are many but we don't get anywhere without research funding. Unfortunately, it has proven very difficult to raise funding for horse parasite research through traditional channels. Funding agencies are very few, and competition is high. I have therefore started a crowd fundraising project. This means that you are now the funding agency. You are now the board member who decides if you think this research could be useful. I am not asking for large amounts. Crowd fundraising works through many small donations from people just like you. \$10, \$20, \$50. If the crowd is big enough, we will reach our funding goal.
Maine Chance farm Research horses Foals	If you own or manage horses you deal with parasite control on a regular basis. I bet you all have thought about drug resistance too. With this video, I invite you to become part of a research project involving a new and exciting treatment for parasite infections in horses. If you opt-in on this page, you will get access to more information about the nature of the project, and how you can interact with me and my team during the project. You can also support by sharing this page with your friends, the bigger the crowd of followers, the better. Opting in is free and donations towards the project are not required. Join, and learn more about the project and see what you can get out of supporting our research. In addition to receiving updates about our research, we offer a nice bonus to our supporters. Learn more about this in the following videos.

Video	Audio
Nielsen Laboratory	Hi, you probably watched my first video already. If not, you can find the link on my page. Did you know that there are only three types of roundworm dewormer available for horses? Did you know that horse parasites have been found resistant to all of them? And did you know that resistance stays in the parasites even if the drug is never used again? Horses can tolerate parasites quite well, but if burdens become too large, they can cause disease. If we don't have any effective drugs to treat with, parasite burdens may accumulate in our horses putting them at risk for developing disease. We need new solutions for parasites like these. We are looking at a jar of large roundworm parasites, <i>Parascaris equorum</i> . This parasite infects virtually all our foals, and it has been found resistant all over the world to the most widely used drugs, and we may be facing multidrug resistance already. This is of the greatest concern, and we urgently need solutions.
Maine Chance farm Horse feeder	This is what this research project is about: Collaborating scientists from University of California have identified a promising new treatment for these parasites. And they already have good results from other animals. With your help we are going to evaluate it in horses. That is very exciting! And what is even better: this is a naturally occurring non-chemical remedy which has been found completely safe to the animals. I will tell you more about the nature of this parasite treatment in my next video.
Gluck (library?) Equine research books Reprints on wall Graphic text \$25,000	I invite you to join our project. If you opt-in you will get free updates about the status of our project. We need \$25,000 to get this project done, and we are appealing to you to help us out. Share this page with your friends and consider donating a small amount to us. \$10, \$20, \$50. It all counts. Your donation is tax-deductible. I mentioned a bonus in my previous video. If you opt in, you will be granted access to my exclusive questions and answers session, where you can ask me questions about parasite control in your horses. I look forward to meeting you on my page and answering your questions.

Video	Audio
Nielsen laboratory (by microscope)	<p>Hi there, you must have heard about my crowd fundraising initiative by now. If not you can see my two other videos on this site. We are launching this exciting research project about a new natural remedy for parasite control in horses. You probably know about probiotics. Yes, there are lots of products available for both horses and people. These are bacterial cultures of different kinds of so-called “good bacteria”.</p> <p>Right now you are probably thinking “Bacteria? Wasn’t this supposed to be about worms?” Yes, you are right. Probiotics are usually used to improve or stabilize the gut bacterial microflora in horses suffering from diarrhea, so that doesn’t really involve worms, does it?</p> <p>No, but here is the catch. My colleagues and collaborators at University of California, San Diego have identified a naturally occurring bacteria that secretes a protein that does not affect mammals but kills insects and worms. If you give a culture of bacteria to the animal as a probiotic, it will kill the worms within the gut of that animal.</p>
Maine Chance farm Give dewormer	<p>I have been in parasitology long enough to remain skeptical whenever I hear about a natural remedy for worm control. And with good reason since there are many examples of such remedies that are sold without any documentation of antiparasitic effects. Most often, when these products are finally tested, it turns out that they don’t work so well after all. So I was quite skeptical about this probiotic at first. But it was recently tested against the large roundworm in pigs, called <i>Ascaris suum</i>. And the efficacy was 97%!</p> <p>That is better than many dewormers out there. As you know, there is also a large roundworm infecting the horse, it is called <i>Parascaris equorum</i> and is closely related to the pig roundworm.</p> <p>As mentioned in my second video we really need new treatments for treating this and other parasites in our horses. We now have a unique opportunity to study and evaluate this new treatment in horses. We have the horses and the expertise here at University of Kentucky. All we need is your help.</p>
Gluck (main entrance?)	<p>I invite you to join our project. If you opt-in you will get free updates about the status of our project. We need \$25,000 to get this project done, and you can read more about our different milestones on the project page. We are appealing to you to help us out. Share this page with your friends and consider donating a small amount to us. \$10, \$20, \$50. It all counts. Your donation is tax-deductible. Join, and you will be invited to an exclusive questions and answers session on worm control. I look forward to interacting with you on my page.</p>