This book is dedicated to everyone who is working to help their herd during the COVID-19 pandemic.
Mama flicked on the lights. “Lily wake up!”
It was the morning of Lily’s yearly checkup.
Lily got ready to visit her friendly pediatrician.

Dr. Leslie helps Lily stay healthy, like a medical magician!
At the appointment, Dr. Leslie said, “you are due for a shot.”

Lily thought to herself – oh no, she better not.

She worried about the pain and let out a cry.

“It will only be a little pinch,” Dr. Leslie replied.
Mama asked, “Is the **vaccine** absolutely necessary?”
Dr. Leslie explained, “**vaccinations** should not make llamas wary.”

“A **vaccine** for Lily will help our herd stay healthy and strong.
Brave llamas like her have helped the herd all along.”
“How do I help the whole herd stay healthy?” Lily asked.

Dr. Leslie responded, "herd immunity makes the impact of each vaccine vast."

“How does herd immunity work?” Lily inquired.

“No help eliminate diseases, herd immunity is required.”
“Some llamas may be too sick or too young to get this shot. Your vaccine protects the whole herd and helps these llamas a lot.”
“This **vaccine** will give you **immunity** from a disease.

**Immunity** means you cannot get sick so you can be at ease.”
“A disease spreading through a herd takes a combined effort to be stopped. It is only when enough llamas are **immune** that the spread will be blocked.”
“If you get this **vaccine**
you can help stop the
spread.

The whole herd
will feel grateful
so there’s nothing
to dread!”
“Getting this **vaccine** doesn’t only help you, But your grandma, your neighbor, and baby brother too. While attaining **herd immunity** is no small chore, your bravery today will protect all the llamas you adore.”
“Simply put, herd immunity means enough llamas are immune and have gotten vaccines.

With herd immunity we can help stop infection, And move our whole herd in a better direction.”
Dr. Leslie told Lily, “it’s only a pinch.”

“Okay,” Lily said, “I’ll try not to flinch.”

Lily closed her eyes as Dr. Leslie counted down from three.

“Wow, that wasn’t so bad!” Lily shouted with glee.
“Thank you for helping us achieve herd immunity, Lily.”

“It was really no big deal, please don’t be silly.”

Dr. Leslie exclaimed, “We are one step closer to herd immunity!”

Lily replied, “I’m so happy to help our whole llama community!”
At home, Lily told Papa what she learned word for word.

“Getting a **vaccine** will help our whole herd!”
Glossary

**Pediatrician** – A pediatrician is a doctor who cares for babies and children.

**Immunity** – Immunity is the body’s ability to stop a particular disease, usually achieved from vaccination or previous infection.

**Vaccine** – A vaccine is a substance that protects people and animals from getting sick from a particular disease. A vaccine exposes your body to a germ that has been changed so it is safe and will not make you sick from the disease. In the future, your body will remember this germ and prevent you from getting sick from the germ.

**Vaccination** – Vaccination is the act of using a vaccine to give your body immunity from a disease.

**Herd immunity** – Herd immunity is when enough people in a community are protected from a disease so the spread of the disease becomes less likely in that community. Everyone in the community is then protected from the disease – not only those who are immune.

**Extra vocabulary**
Herd, wary, vast, inquire, dread, attain, adore, flinch, achieve
Discussion Questions

• Have you ever gotten a vaccine? What was it like?

• How do you think Lily felt at the doctor’s office? Have you ever felt that way?

• How did Lily help the other llamas in her herd? Can you describe a time when you helped your community?

• Do you remember what Lily taught Papa about vaccines? What will you share with your family and friends after reading this book?
About the Author

Emma Rashes
Emma Rashes is a senior and master’s student at Stanford University where she is studying biology. She has always loved science and hopes to pursue a career in medicine. Emma wrote *Lily the Llama Helps Her Herd* to share her love of science and teach others about the importance of vaccination!

About the Illustrator

Theresa Jahn
Theresa Jahn has been working as a Graphic Designer for more than 25 years, but has had a love of art since she was a child. Just as she was influenced by creators of educational books, television, and movies, she hopes that her art will be able to tell a story and message to young people that they will remember for years to come.
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