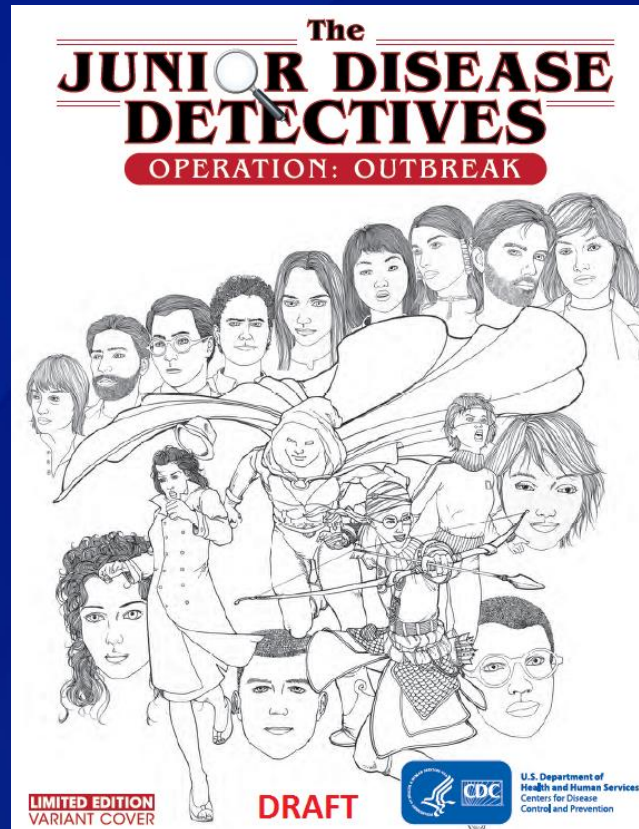


The CDC and 4-H Graphic Novel: The Junior Disease Detectives: Operation Outbreak



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National Center for Immunization & Respiratory Diseases
Influenza Division



What is the CDC & 4-H Photo Novella?

- The 4-H photo novella is a graphically illustrated story with public health and educational messages, particularly related to variant and pandemic flu.
- It tells the story of a group of high-school aged children in 4-H who participate in a state agricultural fair and who later attend CDC's Disease Detective Camp in Atlanta. At the camp, the children learn about different diseases and basic concepts of epidemiology, and they are introduced to the kinds of disease detective work engaged in by CDC and its Emerging Infections Surveillance (EIS) Officers.
- When one of the children becomes ill at the fair, the rest of the kids utilize their newly-acquired disease detective knowledge to help a team of CDC EIS officers solve the mystery of how their friend became ill.

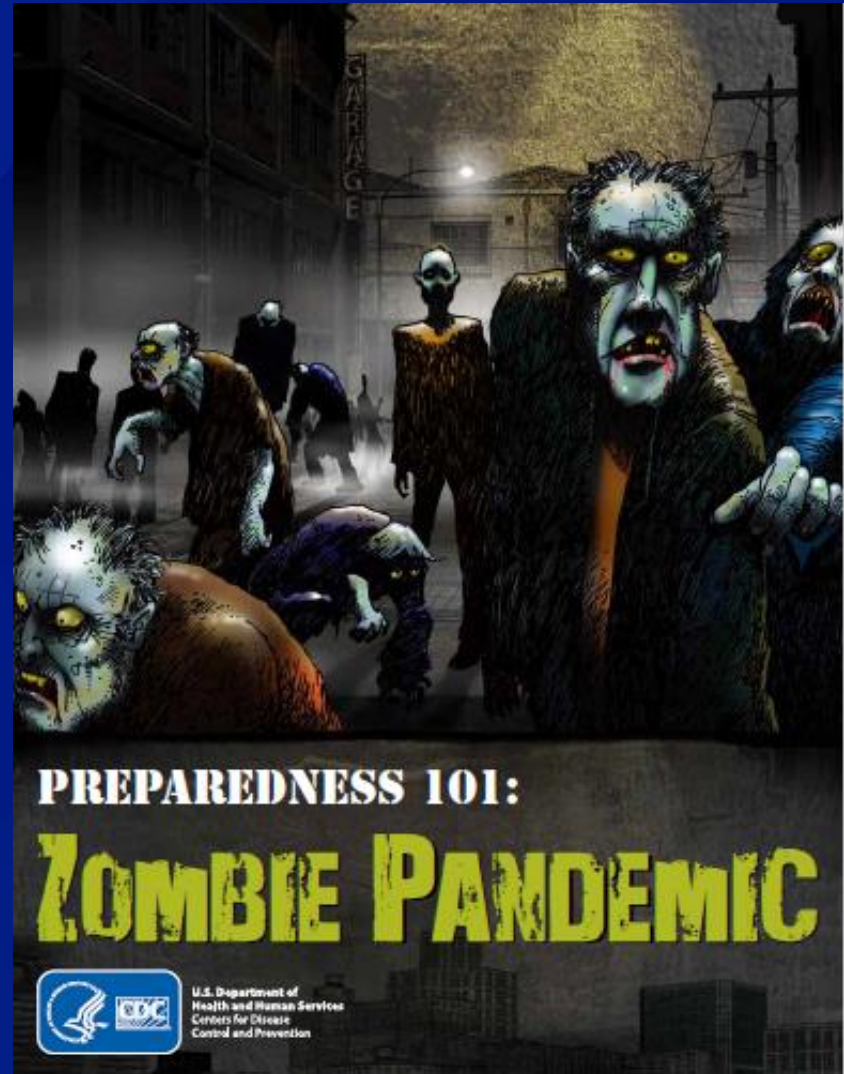




CDC Graphic Artist: Bob Hobbs

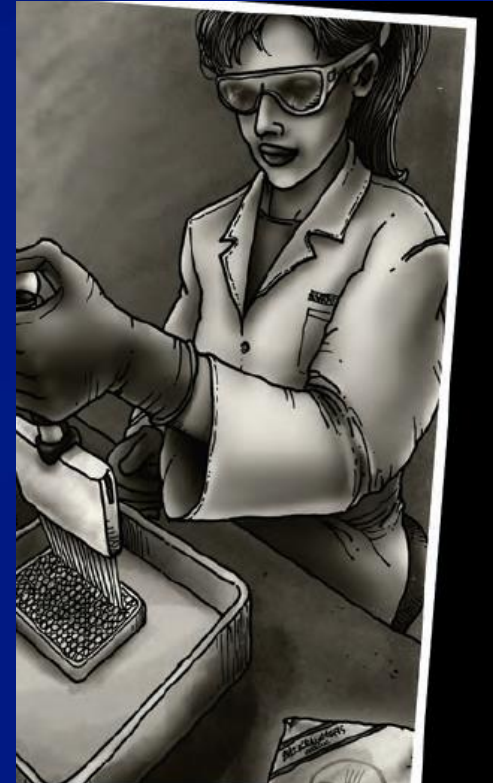
Why Did the CDC Develop a Plan for a Zombie Apocalypse?

CHRIS GOOD | MAY 20, 2011 | POLITICS

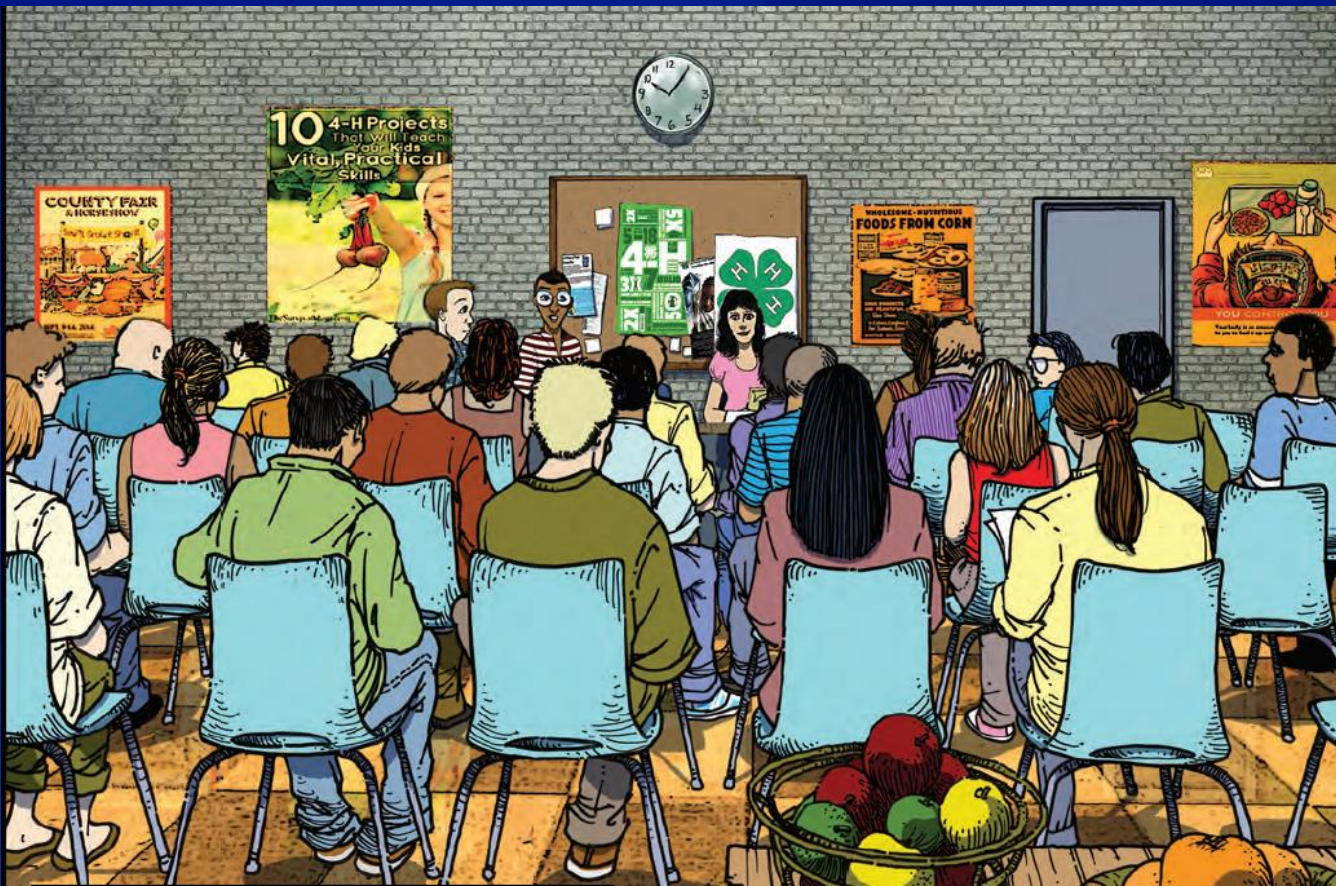


What are the Goals of the Novella?

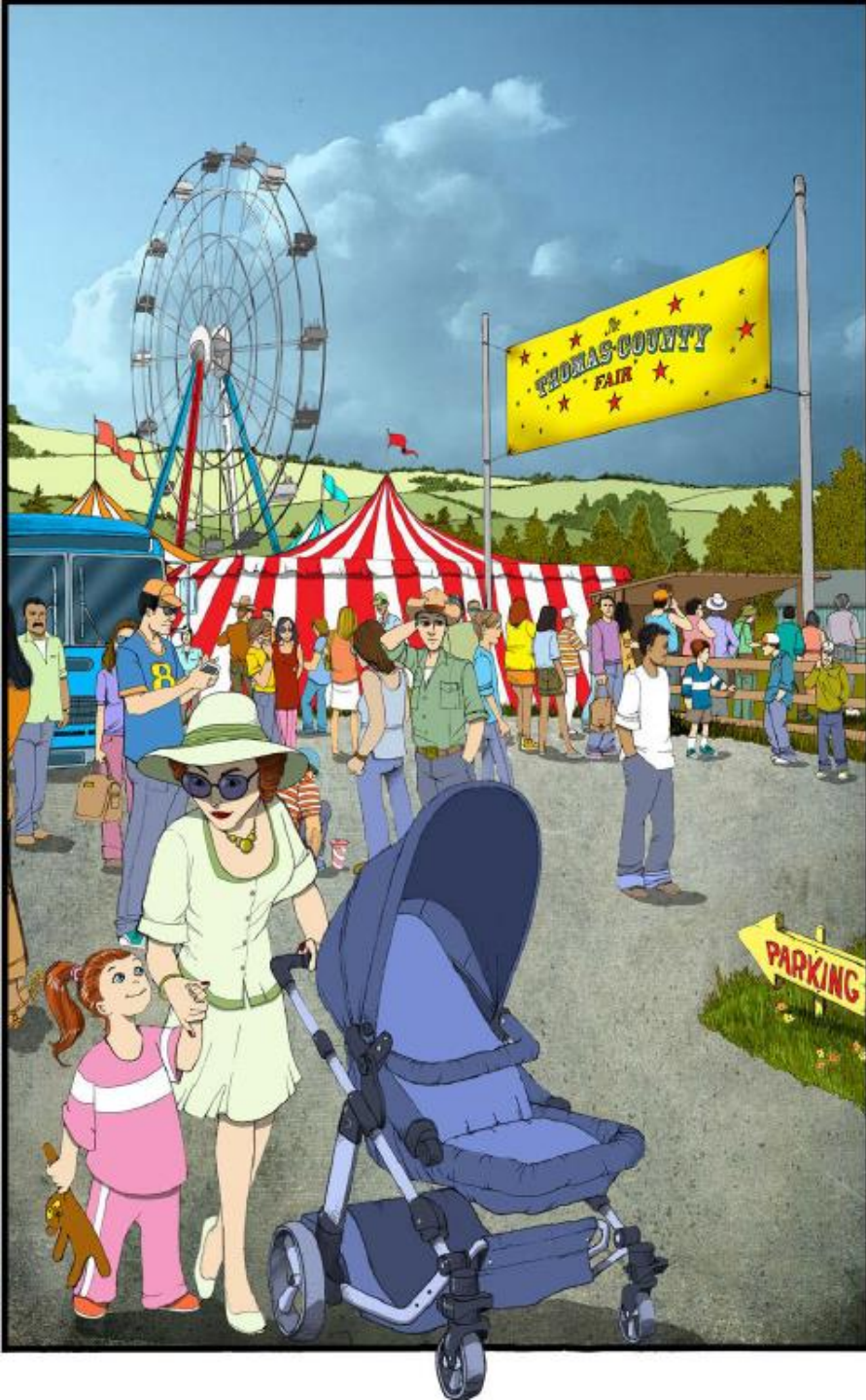
- To reach younger audiences with important public health information to empower them with the knowledge to protect themselves and their loved ones against infectious disease threats, such as variant flu and pandemic flu.
- To encourage youth engagement in public health and the “one health” approach.
- To promote youth education on public health science, biology and epidemiology.
- To promote the development of the skills needed for a career in public health. To promote awareness of and interest in the different career paths available in public health.



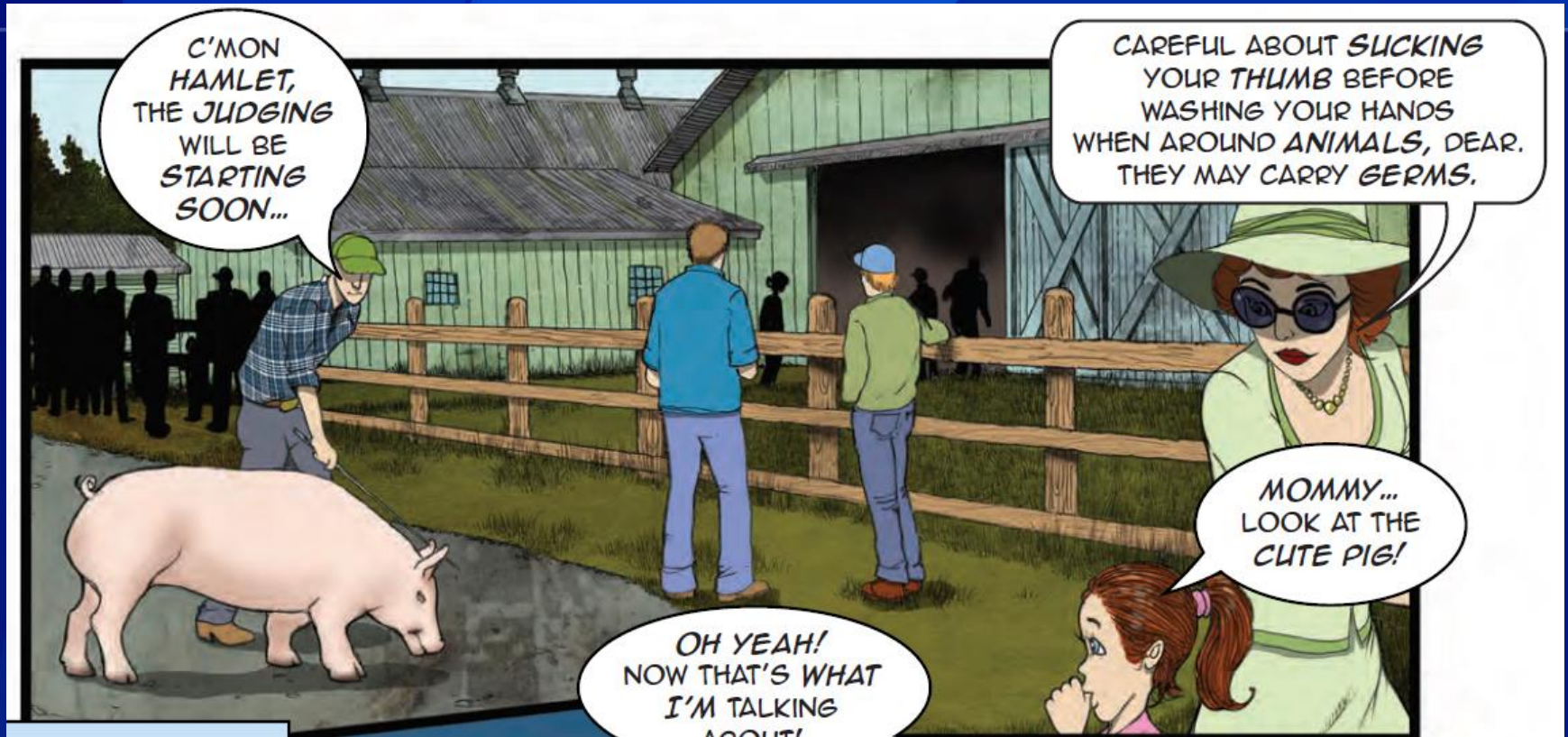
A Platform for Health Education and Engagement



- Potential to reach 4-H participants as well as students in grades K-12 and after school programs.
- Potential to be a platform to help promote other educational materials created by 4-H, CSTE and USDA.



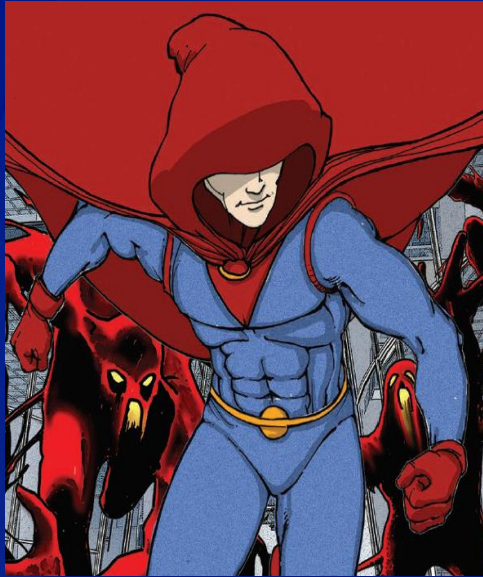
- Part of the story involves an agricultural fair, which provides opportunities to convey a range of health messages.
- The story provides health education about variant flu risks associated with pig exposure at agricultural fairs.
- In addition, general healthy behaviors around animals are presented in the storyline.



Here, we show how the novella provides a visual means to educate about disease risks and preventative strategies.

Normal 4-H Kids who just happen to be superheroes

Eddie



Emily



R.J.



Kris



A presentation of an outbreak response, complete with federal, state and local players



State



Local



A One Health Approach with a Diverse Cast of Heroes on all sides – including Agriculture!



Introducing Dr. Ayita Tolani – Fair Veterinarian

Real-life inspiration: Dr. Tolani Francisco

Veterinary Epidemiologist with
the Department of Agriculture



JAVMAnews

May 15, 2016

An unconventional traditionalist

Dr. Tolani Francisco charts unique career path while remaining true to her Native American heritage

By R. Scott Nolen

Posted May 2, 2016

It's March 19—the feast day of St. Joseph—and the Pueblo of Laguna Tribe of New Mexico is celebrating with a fiesta. There's a carnivallike atmosphere on the Laguna reservation, located roughly 45 miles west of Albuquerque; ceremonial dancers perform before an icon of the saint beneath a row of deer heads adorned with turquoise necklaces. Vendors line a dusty road selling fry bread, handmade jewelry, and traditional tribal clothing.

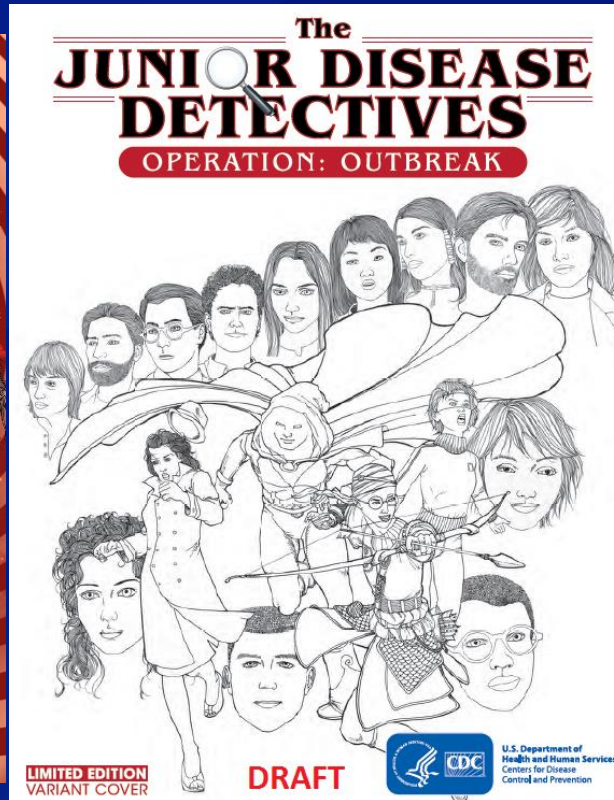
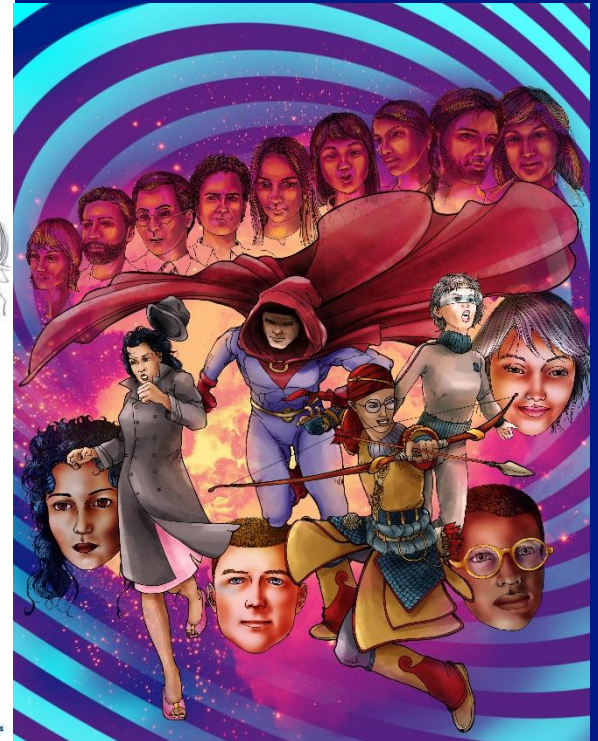
Dr. Tolani Francisco moves among the crowd, stopping to chat with friends and relatives. She's home for the weekend to spend time with her family, one of her regular visits from Aurora, Colorado, where Dr. Francisco is stationed as a veterinary epidemiologist with the Department of Agriculture. She tells everyone that Reaching UP, the AVMA's high-quality, high-volume spay-neuter clinic for underserved populations, is returning.

The Cover

Option 1



Option 2



How Will the Novella be Made Available?

- The photo novella will initially be made available through the CDC flu website, and we hope to cross link to it through our partners' websites
- A PDF version made available online that users can download and print out.
- We may explore options for printing so copies could be obtained for use in schools or after-school programs.
- Eventually the novella could be incorporated into a mobile application or as an Apple iBook, where more interactive features and new episodes could be downloaded and viewed.

