



Jeanie Lin, DVM, MPH, MLA
December 2015

Flew/Flu thru the Zoo

One Medicine 2015

How is the meeting going?



How is the meeting going?

Join the Interactive Session

Web-browse to
pollev.com/animalcare

or



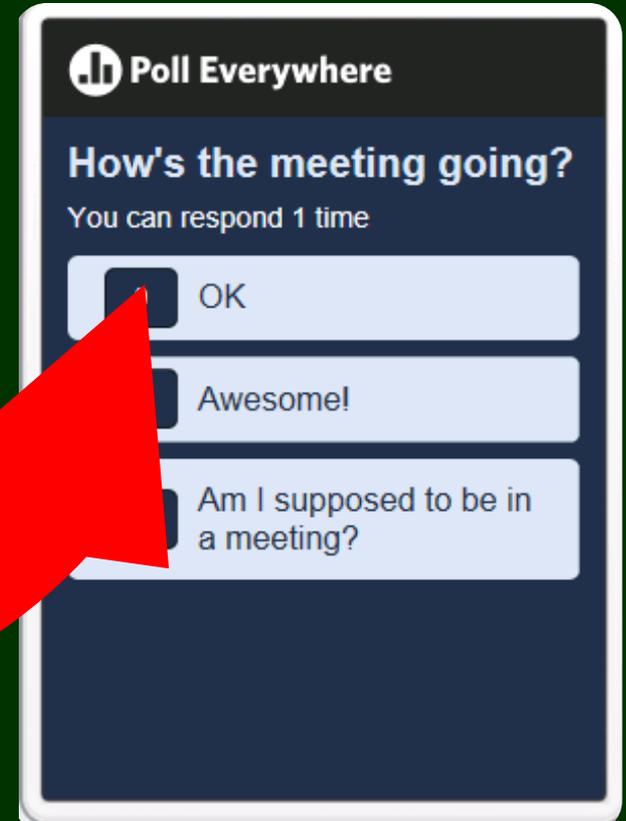
Txt animalcare to 22333

How is the meeting going?

On the Web,
Click to Respond

or

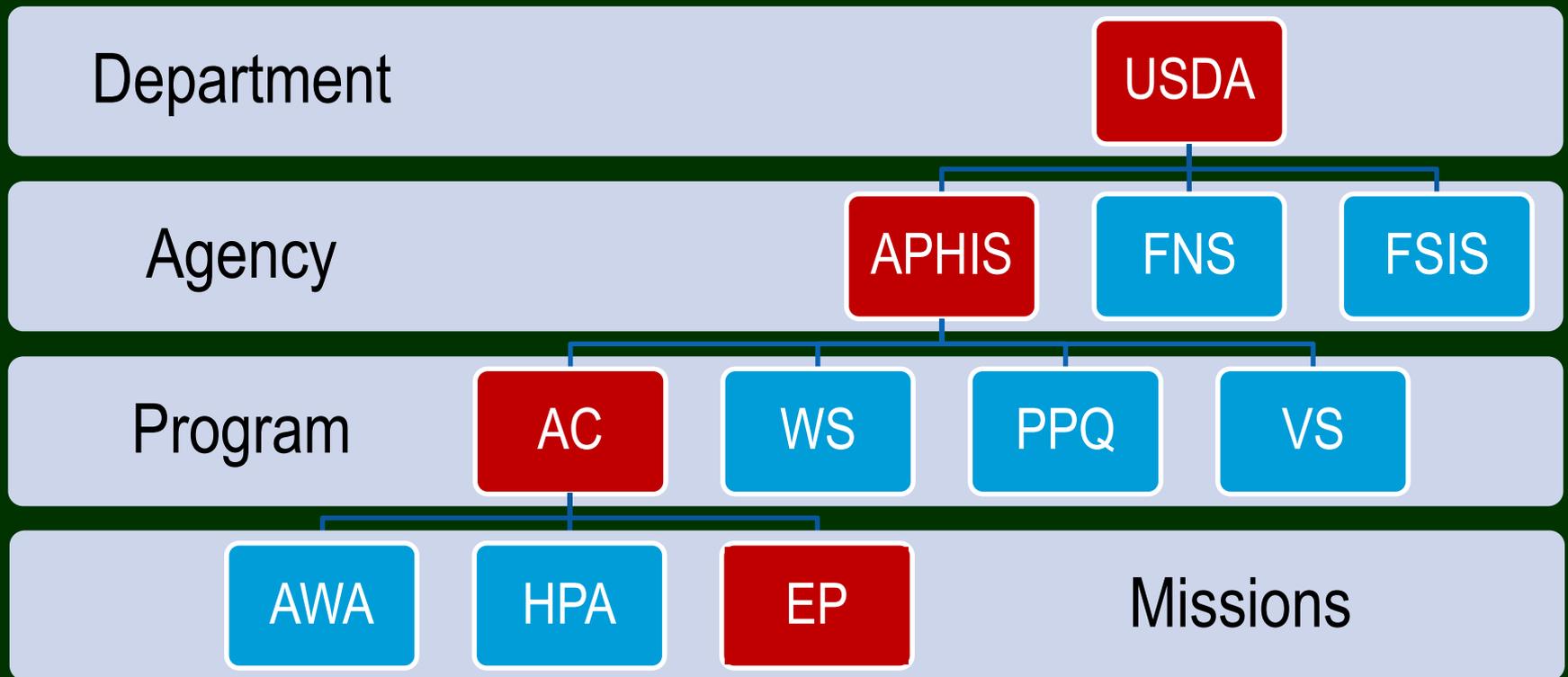
Txt A, B or C to respond



Not my monkey



Not my monkey





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What is the name of the program I work for?

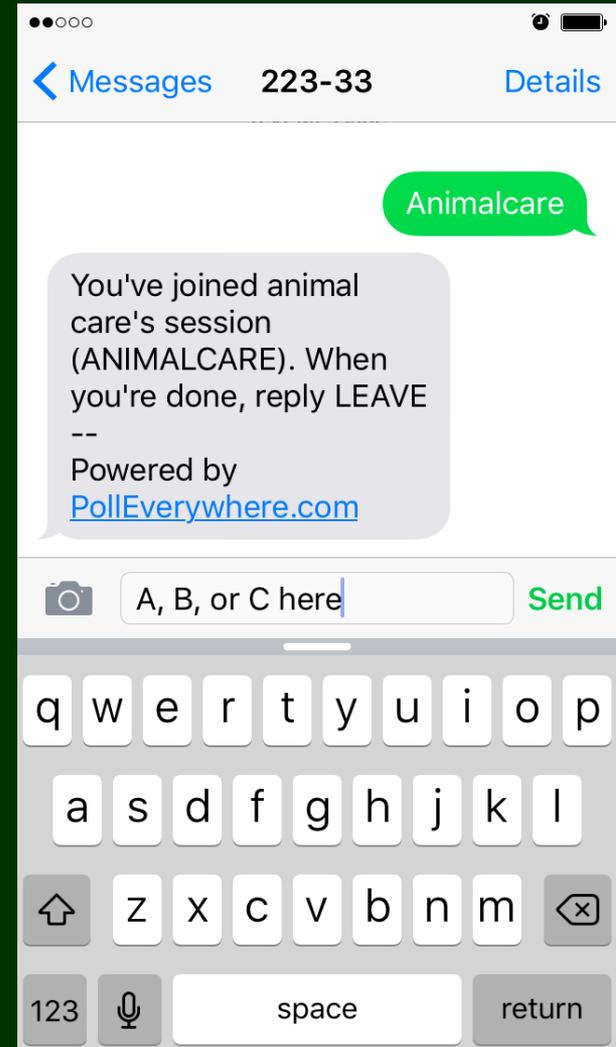
- A. Animal Welfare
- B. Animal Care
- C. Animal Health Inspection Service



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What is the name of the program I work for?

- 0 Animal Welfare
- 0 Animal Care
- 0 Animal Health Inspection Service





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What is the name of the program I work for?

- A. Animal Welfare
- B. Animal Care
- C. Animal Health Inspection Service





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What does ASPCA estimate it costs to feed a small dog annually?

https://www.asPCA.org/sites/default/files/upload/images/pet_care_costs.pdf

- A. \$55
- B. \$550
- C. \$5500





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What does it cost to feed flamingo weighing the same as a small dog?

average flock cost at Riverbanks Zoo, 2015

- A. \$30
- B. \$300
- C. \$3000



Flu at the Zoo



≠



Zoo Culture

Cultural Literacy

Dr. Yvonne Nadler, 2013

"It's like going to France and insisting they speak English."





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What animal has the largest cell?

- A. A giant mollusk
- B. An arachnid
- C. A bird

The yolk of an ostrich egg is the ovum and is a single cell.

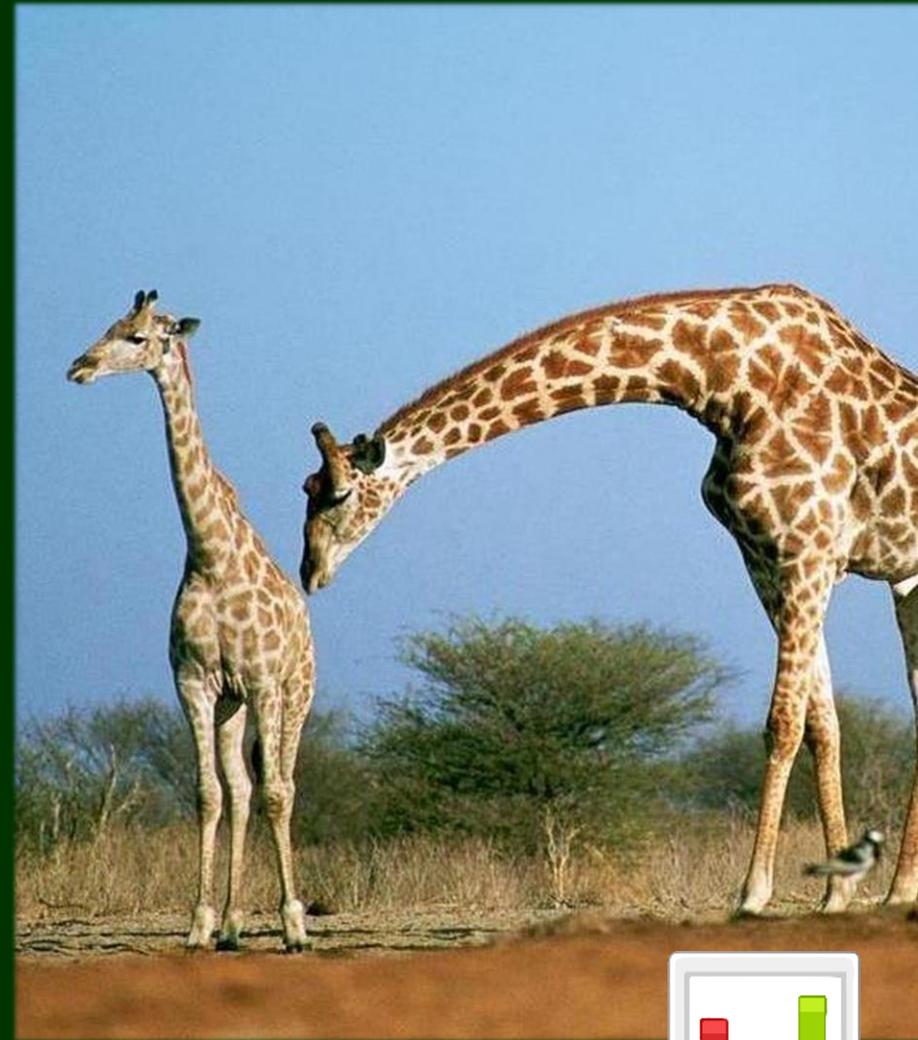




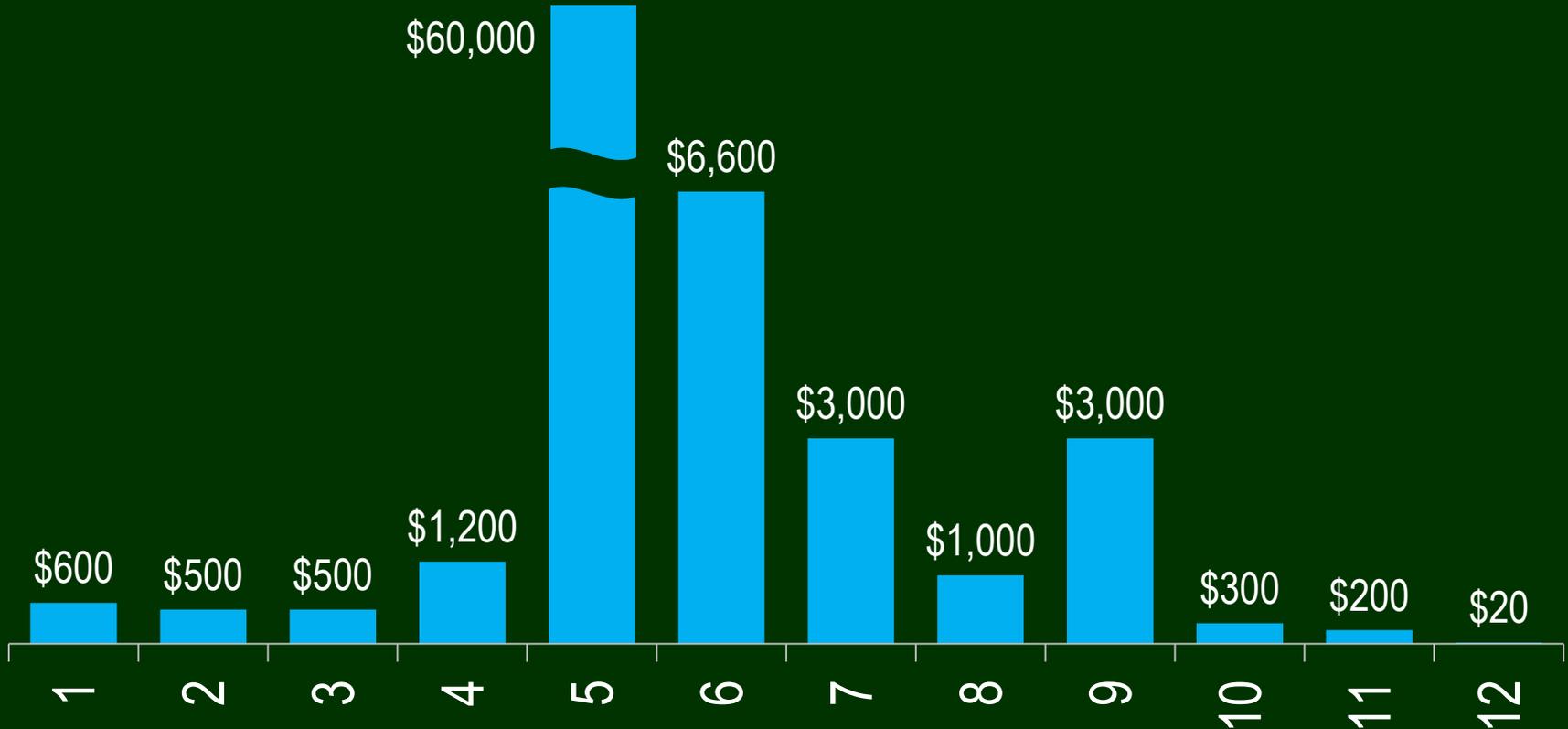
pollev.com/animalcare or txt response to 22333

How much to replace
that giraffe?

- A. \$6,000
- B. \$60,000
- C. \$600,000



Market Cost for Live Exotic Animals



Cultural Literacy

Dr. Yvonne Nadler, 2013

"If we ... can say things like 'please' and 'thank you' in their language, it can go a long way..."

Acronyms Abbreviations & Terms

A Capability Assurance Job Aid

FEMA P-524 / July 2009



FEMA



A Log of the Dead

The number and types killed.
All were buried in a mass
grave on Thompson's farm.



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Whose problem is this?

- Department of Interior manages wildlife issues.
- Animal Care, which regulates these zoos.
- Jack Hannah and Columbus Zoo nearby.





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How many jobs in the 2012 U.S. economy did Association of Zoos and Aquariums zoos support?

<http://www.congressweb.com/Assets/ActionAlerts/AZA/AZA%20Economic%20Impact%20Report%202013.pdf>

- A. 1.94 million
- B. 19.4 million
- C. 194 million





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What is the total AZA-zoos contributed to the 2012 U.S. economy?

<http://www.congressweb.com/Assets/ActionAlerts/AZA/AZA%20Economic%20Impact%20Report%202013.pdf>

- A. \$19.8 million
- B. \$19.8 billion
- C. \$19.8 trillion





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How many people visited AZA- accredited U.S. zoos in 2012?

<http://www.congressweb.com/Assets/ActionAlerts/AZA/AZA%20Economic%20Impact%20Report%202013.pdf>

- A. 17,000
- B. 170,000
- C. 170,000,000





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The zoo industry is facilities that...?

- A. Exhibit more than one animal for compensation
- B. Manage animals for eventual reintroduction to the wild
- C. Allow humans to observe animals





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What is the zoo mission?

- A. Habitat conservation
- B. Field research
- C. Collecting animal species





pollev.com/animalcare or txt response to 22333

Why is IMLS interested in zoos?

- A. Zoos provide specimens for museum taxidermy
- B. Zoos have experts that assist libraries in evaluating zoological texts
- C. Zoos are exhibited living collections



INSTITUTE of
Museum and Library
SERVICES





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The biggest total zoo operations (by 2012 dollars) is in the state of...?

<http://www.congressweb.com/Assets/ActionAlerts/AZA/AZA%20Economic%20Impact%20Report%202013.pdf>

- A. California (\$577.1M)
- B. Illinois (\$676.5M)
- C. New York (\$116.8M)



If not mine, then whose?



<http://www.telegraph.co.uk/news/picturegalleries/howaboutthat/8489791/Monkey-cowboys-ride-dogs-at-Tim-Lepards-Wild-Thang-rodeo-act.html>

Animal Care's Recent Collaborations in the Zoo World



Animal Welfare Regulations

Farm Bill 2014

De Minimus



exempt small facilities?



Animal Welfare Regulations

Animal Care isn't changing what we're doing.

OUTREACH

Zoo EM Tour 2015

- 
- Q1
 - AZA Annual Mtg; National Animal Control Assn
 - International Disaster Conference & Expo
 - NASAAEP Meeting; One Medicine Conf
 - Q2
 - Secure Zoo Kickoff Meeting 1
 - State and National Veterinary Associations
 - AZA Midyear Meeting; AVMA CDEI
 - Q3
 - ESF11 Annual Mtg; APHIS TEWG Annual Mtg
 - Training: EM for Managed Wildlife (UMN)
 - Secure Zoo Meeting 2
 - Q4
 - AVMA National Meeting
 - AZA Annual Meeting; One Medicine Meeting

Who is this?

Dog Catcher?
Police Officer?

Or

Animal-handling, -transport
and -sheltering expert



Who is this?

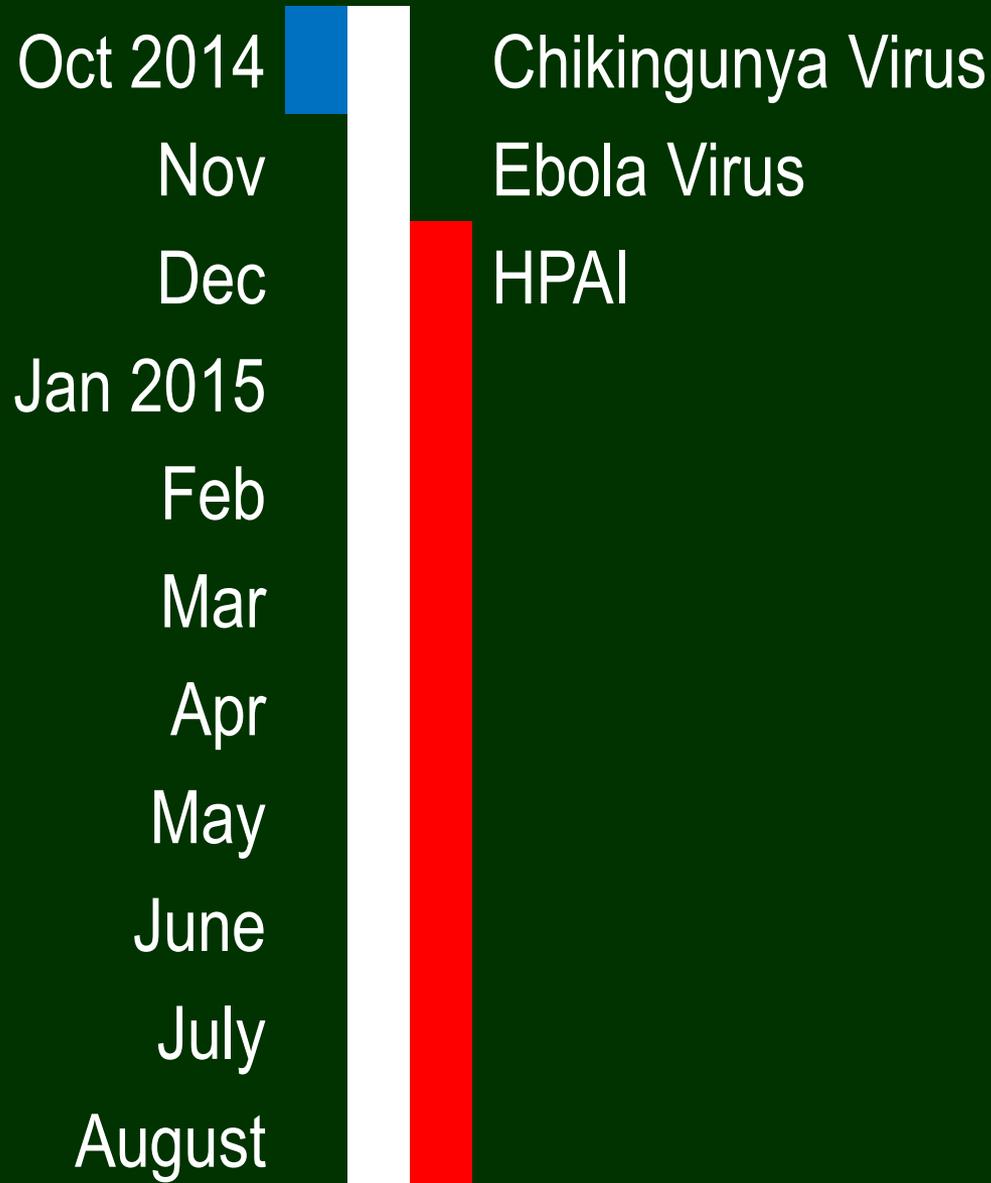
Scary Goth?

Or

Social Media Expert?



Real World Events FY2015



Collaborations

- Teaching
- Emergency Preparedness and Response for the Managed Wildlife Community
- Exercises
- Zoo Workgroups



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Animal Care quarantined dogs at U.S. ports in response to the 2014 West African Ebola Virus outbreak.

- A. True
- B. False



ZAHP Center

Zoo and Aquariums All-Hazard Preparedness

**ASSOCIATION
OF ZOOS &
AQUARIUMS**

ZAHP Center

The evolution continues

- Zoo and Aquariums All-Hazard Preparedness
- Zoo Ready
- Flu at the Zoo
- Zoo Animal Health Network

practice practice practice practice practice practice

Secure Zoo



SECURE FOOD SUPPLY PLANS

Collaboration Between Industry, State Governments, Academia, USDA-APHIS





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Emergency planning for regulated facilities is...

- A. Not advised for non-experts in emergency management
- B. Required by 33 U.S. states
- C. A good business practice





pollev.com/animalcare or txt response to 22333

What is a potential change to the regulations that might impact emergency planning?

- A. De Nile
- B. De Minimus
- C. De Niro

photo from

http://en.wikipedia.org/wiki/Robert_De_Niro_filmography





Questions?

Dr. Jeanie Lin

jeanie.lin@aphis.usda.gov

Thank you.

Paste Qs into PollEv.com

FORMAT IS QUESTION? CHOICE A,CHOICE B,CHOICE C...

What is the name of the program I work for? Animal Welfare,Animal Care,Animal Health Inspection Service

What does ASPCA estimate it costs to feed a small dog annually? \$55,\$550,\$5000

What does it cost to feed flamingo weighing the same as a small dog? \$30,\$300,\$3000

What animal has the largest cell? A giant mollusk,An arachnid,A bird

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Why is IMLS interested in zoos? Zoos provide specimens for museum taxidermy,Zoos have experts that assist libraries in evaluating zoological texts,Zoos are exhibited living collections

The biggest total zoo operations (by 2012 dollars) is in the state of...? California,Illinois,New York

Animal Care quarantined dogs at U.S. ports in response to the 2014 West African Ebola Virus outbreak, T/F?. True,False

Emergency planning for regulated facilities is...?Not advised for non-experts in emergency management,Required by 33 U.S. states,A good business practice

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De Niro