

Town Hall

2-3 pm, October 17, 2024

Agenda

- Welcome
- Leadership Update
- Stories from the Field
- Wellness Activity
- Strategic Focus
- ANR in the News
- New Hires
- Other Updates

Chat warmup
Learning about each other:

What's your favorite spooky movie?



Leadership Update

Vision & News - (10-15 mins)



Leadership Update



Leadership Update



FAO Director-General QU Dongyu
@FAODG

In my meeting with @ucanr VP Glenda Humiston, we discussed the importance of science, technology, innovation and youth engagement in agrifood systems transformation and future collaboration opportunities. [#SDGs](#) [#4Bettters](#) [#WorldFoodDay](#)



Stories from the Field

Highly pathogenic avian influenza in COWS

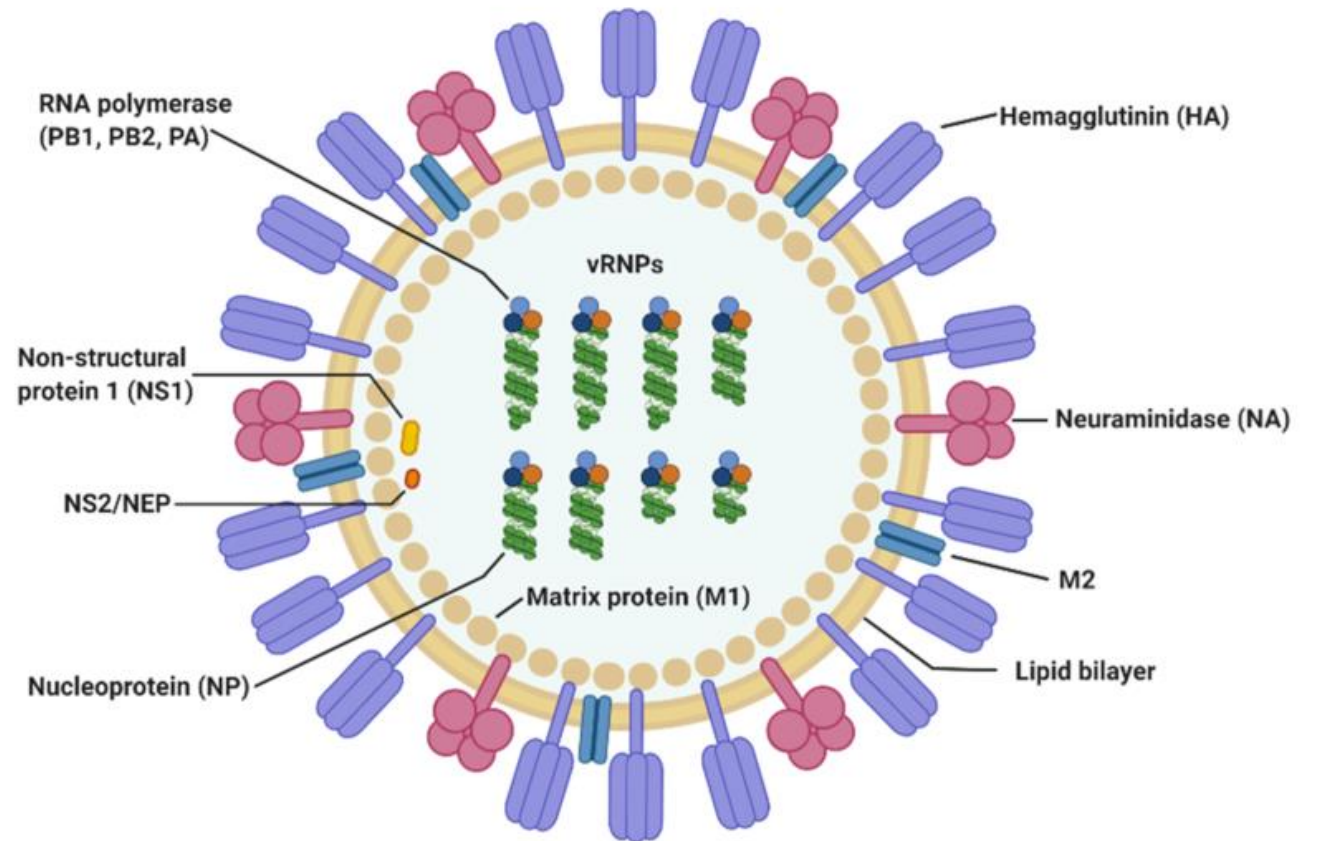
Noelia Silva Del Rio, UC Cooperative Extension veterinary
medicine specialist

Rubia Branco Lopes, UC Cooperative Extension dairy advisor,
Tulare & Kern counties

Influenza Virus Type A

Types of Influenza Viruses

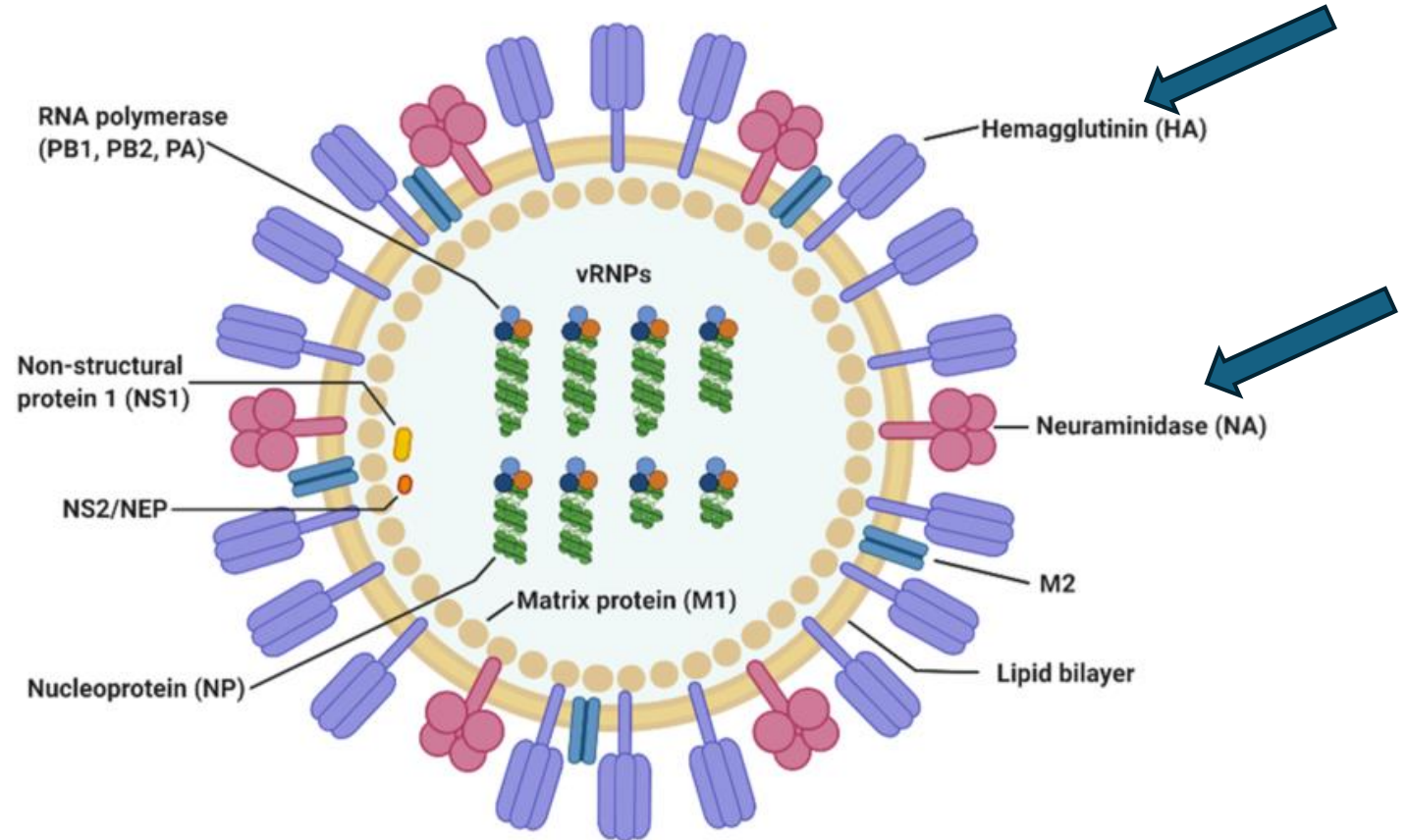
- A - Seasonal and global epidemics
- B - Seasonal epidemics
- C - Mild diseases
- D - mainly found in cattle



Influenza Virus Type A

Types of Influenza Viruses

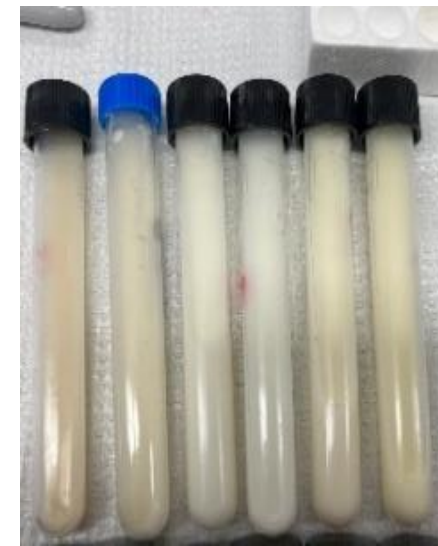
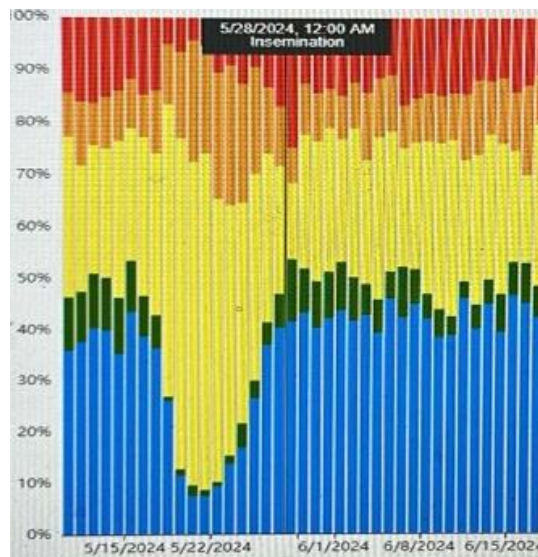
- A - Seasonal and global epidemics
- B - Seasonal epidemics
- C - Mild diseases
- D - mainly found in cattle



Some History About HPAI H5N1 in Cows

Early 2024: “a mystery cow disease” appears in the Texas Panhandle

Lack of appetite, fever, respiratory signs, loose feces, and “odd” mastitis.



Some History About HPAI

- March 25th, 2024: First farm confirmed in Texas in milk from affected cows.

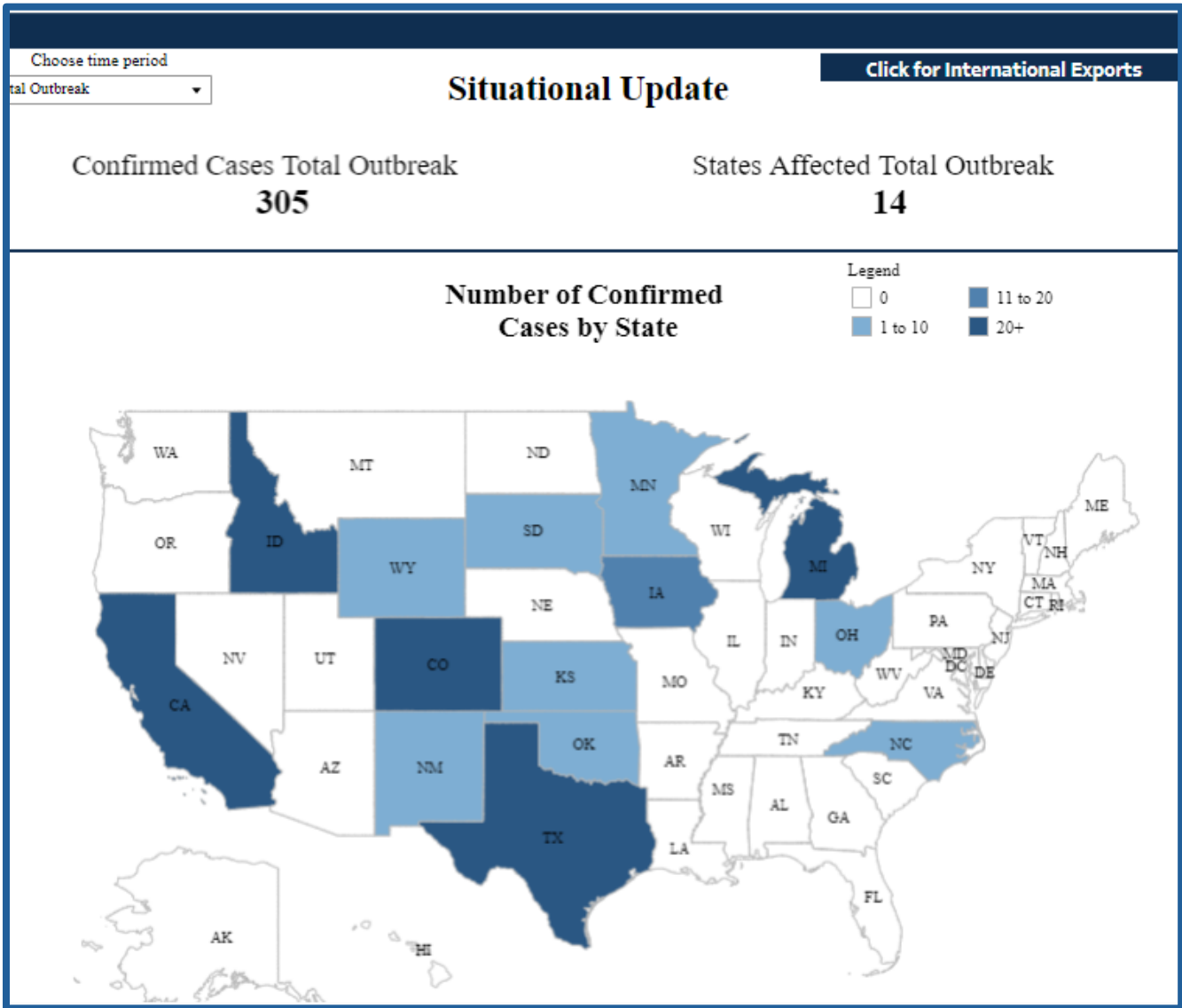


TEXAS ANIMAL HEALTH COMMISSION
Serving Texas Animal Agriculture Since 1893

Media Contact: TAHC Communications
public_info@tahc.texas.gov
512.719.0750

For Immediate Release
March 26, 2024

**Highly Pathogenic Avian Influenza Detected
in Texas and Kansas Dairy Herds**

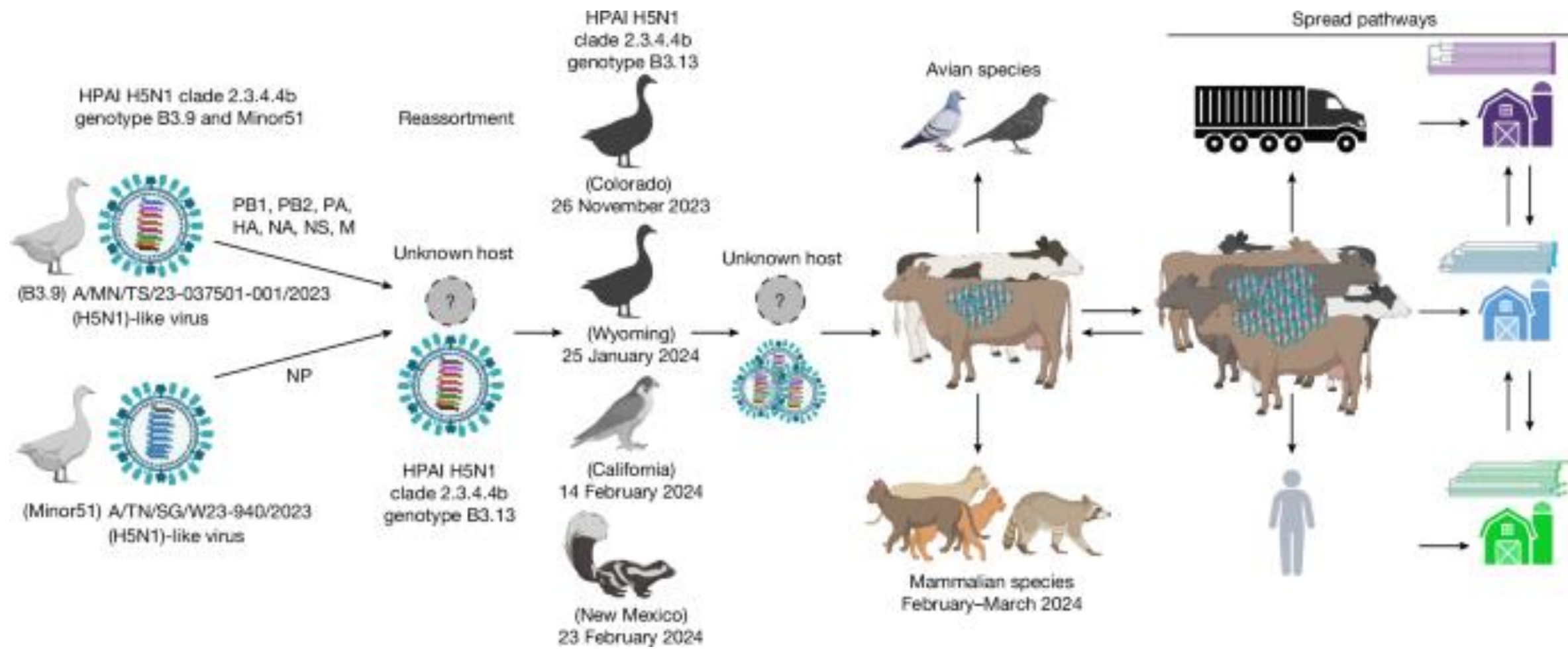


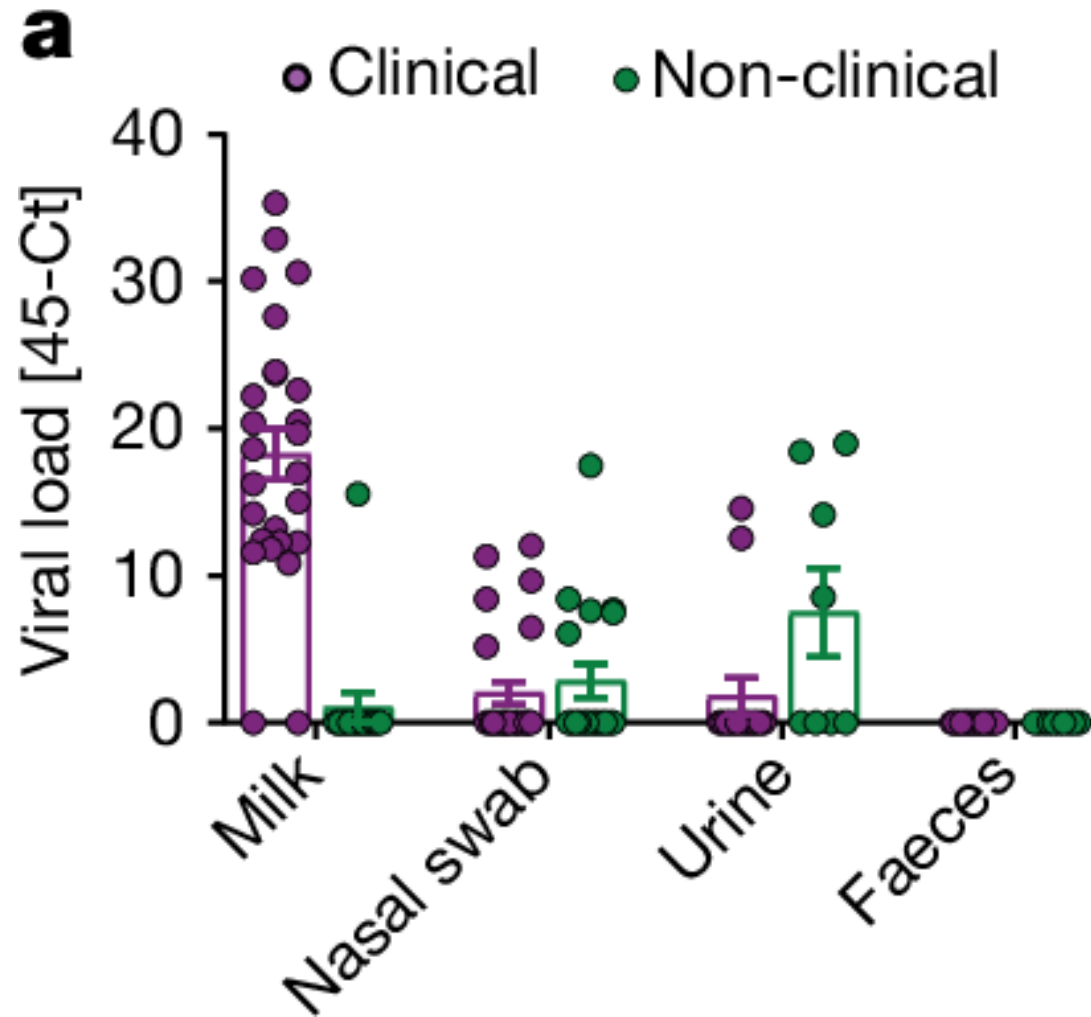
California: 105

Colorado: 64

Idaho: 34

Texas: 26





Animal Health Research Questions

- Transmission routes
- Long term health and economic implications
- Re-infections
- Implications in calves
- Supportive treatments
- Vaccines



In late March and early April, Texas reported detection of highly pathogenic avian influenza A (H5N1) in several cats from dairy farms experiencing HPAI infections in dairy cows, suggesting the virus spread to the cats either from affected dairy cows, raw cow milk, or from wild birds associated with those farms.

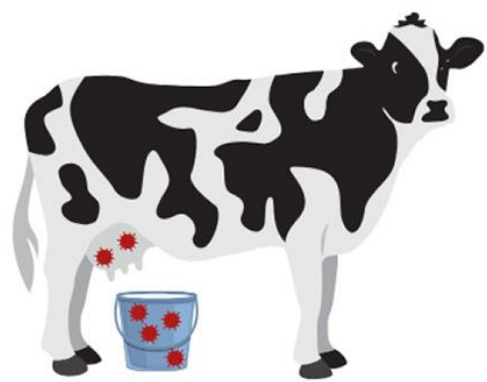
Safety ?

FDA Milk Safety Program

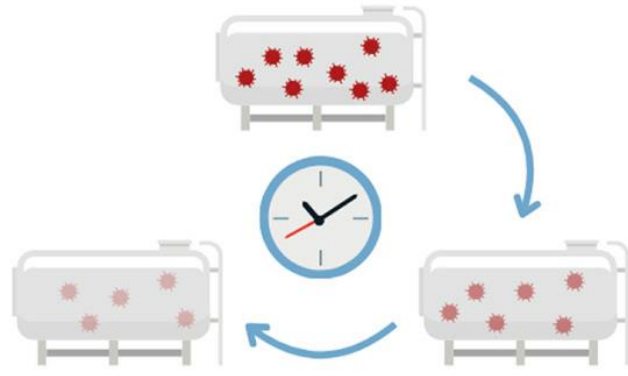
Pasteurization efficacy studies:
1st May 10th
2nd August 13th

Study of Viral concentration
before pasteurization
October 28th

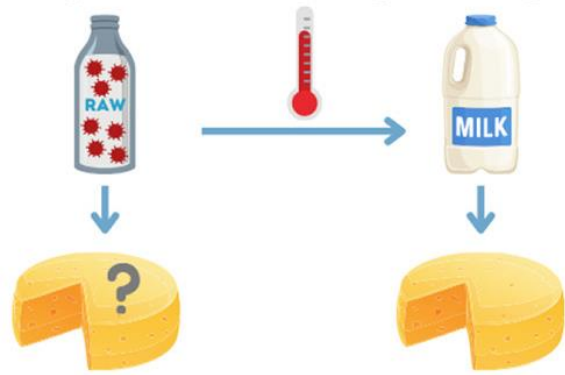
(i) Initial load in raw milk



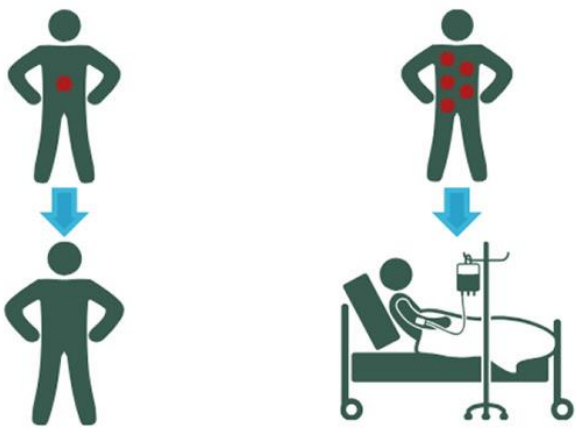
(ii) Persistence in raw milk



(iii) Inactivation during pasteurization and processing



(iv) Human infectious dose





How bird flu virus fragments get into milk sold in stores, and what the spread of H5N1 in cows means for the dairy industry and milk drinkers

Published: April 25, 2024 3:04pm EDT Updated: April 27, 2024 11:18am EDT

Cows typically get over avian flu in a couple of weeks, but it's an economic blow for farms. AP Photo/Charlie Litchfield

- Email
- X (Twitter)
- Facebook
- LinkedIn
- Print


89


The discovery of fragments of avian flu virus in milk sold in U.S. stores, including in about 20% of samples in initial testing across the country, suggests that the H5N1 virus may be more widespread in dairy cattle than previously realized.


The Food and Drug Administration, which announced the early results from its nationally representative sampling on April 25, 2024, was quick to stress that it believes the commercial milk supply is safe. The FDA said initial tests did not detect any live, infectious virus. However, highly pathogenic avian influenza virus can make cows sick, and the flu virus's presence in herds in several states and new federal restrictions on the movement of dairy cows between states are putting economic pressure on farmers.


Five experts in infectious diseases in cattle from the University of California, Davis – Noelia Silva del Rio, Terry Lehenbauer, Richard Pereira, Robert Moeller and Todd Cornish – explain what the test results mean, how bird flu can spread to cattle and the impact on the industry.


Authors

- 

Noelia Silva del Rio
Associate Specialist in Cooperative Extension, Production Medicine and Food Safety, University of California, Davis
- 

Richard V. Pereira
Associate Professor of Veterinary Medicine and Associate Agronomist, University of California, Davis
- 

Robert B. Moeller
Professor of Veterinary Medicine, University of California, Davis
- 

Terry W. Lehenbauer
Professor of Veterinary Medicine, University of California, Davis
- 

Todd Cornish
Professor of Veterinary Medicine, University of California, Davis

What are viral fragments of avian flu, and can they pose risks to people?

How does an avian flu virus get into cow's milk?

If H5N1 is found to be widespread in milk, what risks can that pose for the dairy industry?

How worried should people be about avian flu?



The NEW ENGLAND
JOURNAL of MEDICINE

SPECIALTIES ▾

TOPICS ▾

MULTIMEDIA ▾

CURRENT ISSUE ▾

LEARNING/CME ▾

AUTHOR CENTER

PUBLICATIONS ▾



CORRESPONDENCE



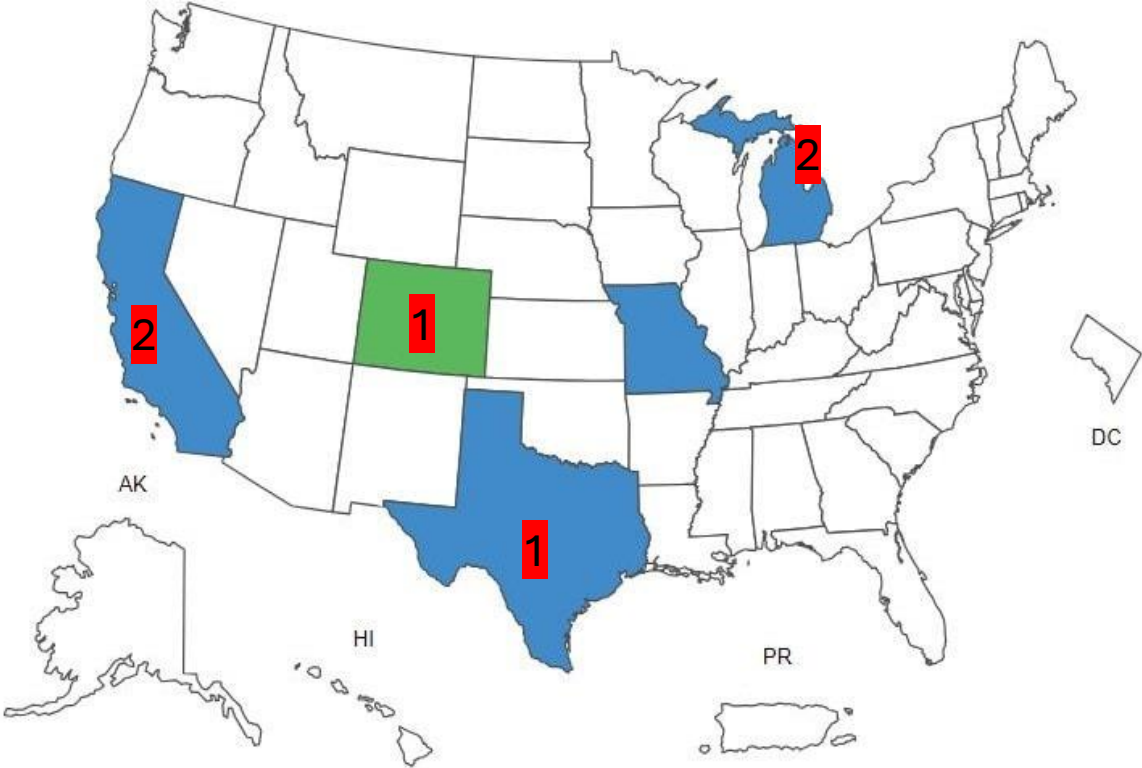
Highly Pathogenic Avian Influenza A(H5N1) Virus Infection in a Dairy Farm Worker

Published May 3, 2024 | N Engl J Med 2024;390:2028-2029 | DOI: 10.1056/NEJMc2405371 | [VOL. 390 NO. 21](#)

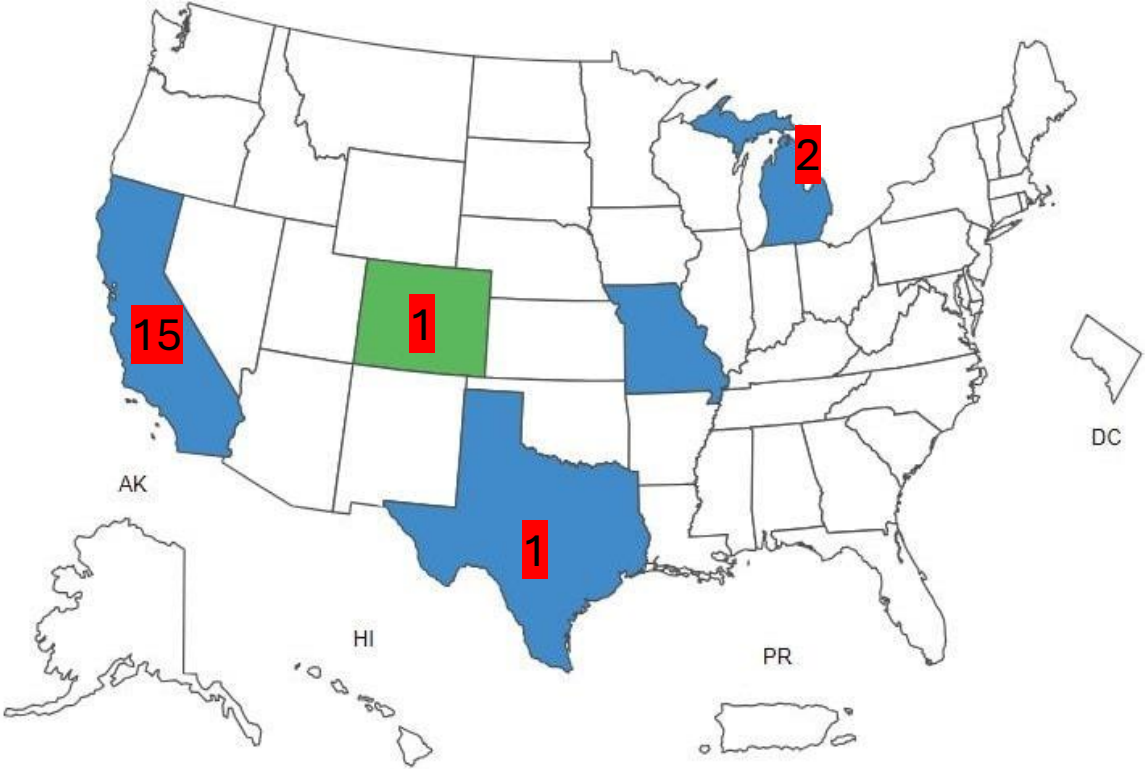
April 1st, 2024



Human HPAI Cases Associated with Dairy



Human HPAI Cases Associated with Dairy



California becomes epicenter of bird flu crisis as more human cases reported

So far, the CDC has confirmed 20 human cases, with more awaiting confirmation

By **ELIZABETH HLAVINKA**
Staff Writer

PUBLISHED OCTOBER 15, 2024 7:14PM (EDT)



Vaccination

Getting a seasonal flu vaccine will not protect against H5N1 bird flu

While getting a seasonal flu vaccine only prevents seasonal flu and will not protect against H5N1 bird flu, it is important that people who may have frequent exposure to infected or potentially infected birds or other animals get a seasonal flu vaccine, ideally 2 weeks before their potential exposure. This is because it can reduce the prevalence and severity of seasonal flu and might reduce the very rare risk of coinfection with a human seasonal virus and an avian virus at the same time, and the theoretical risk that reassortment between the two could result in a new virus. Such dual infections, while very rare, could theoretically result in genetic reassortment of the two different influenza A viruses and lead to a new influenza A virus that has a different combination of genes, and which could pose a significant public health concern.



The EXCITE Project

An Interagency Agreement with the USDA National Institute of Food and Agriculture and the Centers for Disease Control and Prevention (CDC) are funding the Cooperative Extension System to address health disparities among rural and other underserved communities. This initiative is called the Extension Collaborative on Immunization Teaching & Engagement (EXCITE).

On this site, EXCITE project teams can access resources, support, and information for implementing their projects. If you're looking for details on EXCITE's impact, success stories, and project videos, head over to our [National Public Landing Page](#).



EXCITE

Extension Collaborative on
Immunization Teaching & Engagement



1,198 • Vaccination Clinics



[PUBLIC LANDING PAGE](#)



[EXCITE PROGRAMS MAP](#)



The **risk** of infection to the general public is **low**.

People who interact with potentially infected animals **should** take prevention measures.



Personal Protective Equipment to Decrease Exposure

Video series: Dairy workers helping stop the spread of antibiotic resistant bacteria.

top
milk

Part 5

0:02 / 7:49



MICHIGAN STATE UNIVERSITY



Future Outreach

- Updates on Research – USDA, CDC, FDA, Universities
- Financial Assistance Programs
- Current Understanding of Best Treatment Practices
- Current Understanding of Strategies to Reduce Risk of Introduction
- Strategies to Minimize Human Transmission
- Educating the General Public About the Safety of Dairy Products

Webinars



- Local and statewide webinars
- Collaboration: UC ANR, UC Davis, California Milk Advisory Board, California Dairy Quality Assurance Program and CDFA



Randi Black



Rubia Branco



Daniela Bruno



Jennifer Heguy



Betsy Karle



Noelia Silva



Michael Payne

Webinars: Local

Webinar: Highly pathogenic avian influenza (HPAI) in cattle

Kern, Kings, Fresno & Tulare Counties

Research Updates on HPAI – *Dr. Lombard, Colorado State University*

Case Study: Biosecurity Implementation – *Dr. Williams, UC Davis VMTRC*

To join the Zoom webinar, **scan the code**

Meeting ID: 922 6532 4740

Passcode: vmtrc



24 September 2024 at 4 pm



Webinars: Statewide

MANAGING CATTLE THROUGH HPAI

Join dairy industry partners for a panel discussion on HPAI in California

Leading private practice veterinarians, Dr. Minnema and Dr. Beal, will discuss treatment of cows with HPAI and managing the herd if virus is introduced.

Dr. Lombard, the foremost veterinary epidemiologist on the subject will share information on how the virus is transmitted and tips for herd protection.

Dr. Ward of CDFA will provide a California-HPAI update

*Attendance is free to industry members but registration is **required**

PANELISTS



Dr. Natalie Ward
CDFA



Dr. Maxwell Beal
Mill Creek Veterinary



Dr. Jason Lombard
Colorado State
University



Dr. Murray Minnema
Valley Veterinarians, Inc

REGISTRATION:

September 26th, 2024

4:00 pm



[CLICK HERE](#)

WEBINAR: Highly pathogenic avian influenza (HPAI) in cattle

Join dairy industry partners for a discussion on HPAI

*Attendance is free to industry members but registration is **required**

AGENDA

CDFA Updates

Dr. Natalie Ward, CDFA

HPAI impacts: A Midwest Dairy Producer's Perspective

Steven Landwehr, United Dairy LLP

CAFHS Tulare Lab Updates

Dr. Melissa Macias Rioseco, CAFHS

REGISTRATION:



October 3rd, 2024



4:00 pm



Scan here

PRESENTED BY



Managing Cattle through HPAI

Join dairy industry partners for a panel discussion in our continuing series on HPAI in California .

This week, join Dr. Adam Smith from USDA for an update on HPAI assistance programs, followed by Dr. Blaine Nicks, Veterinarian and Director of Herd Operations for Jager Ag as he shares his insights in managing farms through HPAI infections.

*Attendance is free to industry members but registration is **required**

PANELISTS

Dr. Adam Smith
USDA

Dr. Blaine Nicks
Jager Ag



October 9th, 2024



4:00 pm

REGISTRATION:



[CLICK HERE](#)

PRESENTED BY



Webinars: Outcomes

- **Attendance:** 78 to 220 attendees
- **Positive Feedback:** emails from dairy farmers and consultants → very informative
- **Growing Network:** Requests to be add to my email distribution list for future updates
- **Media Coverage:** Broadened reach and awareness



Seminars



Betsy Karle



Randi Black

Preparing for HPAI in Northern California Dairies

SAVE THE DATE

Workshop Locations:

Herald- October 25, noon-3:00 pm
Orland- October 28, noon-3:00 pm
Petaluma- October 29, 11:00 am-2:00 pm


Agenda and more detailed info to come

Program contacts:

Betsy Karle bmkarle@ucanr.edu 530-865-1156

Randi Black rblack@ucanr.edu 707-565-2648

UC
CE | UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources | Cooperative Extension

 The University of California Division of Agriculture & Natural Resources (UC ANR) is an equal opportunity provider.

Written materials

- Newsletter article



Minimizing HPAI Risk on Your Dairy: Key Practices to Protect Your Herd

Noelia Silva-del-Rio - UC Dairy Herd Health Extension Specialist, Maristela Rovai, SDSU Dairy Extension Specialist & Richard V. Pereira, UC Davis Population Health & Reproduction

Highly Pathogenic Avian Influenza (HPAI, a.k.a., H5N1) has been recently confirmed by testing in California dairy farms. It has been six months since the first outbreak of HPAI in Texas cattle, but there is still much to learn about this disease. To reduce risk, it's important to implement biosecurity measures. Current protocols should be revised, and an updated outbreak action plan prepared. Milk remains the primary source of virus shedding. The National Milk Producers' Federation [website](#) provides many resources on biosecurity guidelines. Here are some additional considerations:

Animal Movement. Several HPAI outbreaks (nation-wide) were linked to bringing infected cattle into the herd. To minimize the risk of HPAI:

- Avoid bringing animals from states with HPAI outbreaks or farms of uncertain health status (no biosecurity protocols, no testing).
- Quarantine animals at arrival - interstate animal transport requires testing for HPAI in at least 30 cows per group before they can be moved. Because not all animals are tested, new arrivals should be quarantined. Quarantine pens should be designed so cows do not have contact with other cows from the herd. During quarantine cows should be observed for signs of illness such as nasal discharge, fever, lack of appetite, or abnormal milk (i.e., colostrum-like). This also applies to animals brought to the fair or that commingled with animals from other herds.
- Test animals that are suspected of HPAI or have been potentially exposed. Testing of pooled milk samples (if lactating) or nasal swabs (if non-lactating) by a National Animal Health Laboratory Network (NAHLN; Davis, California) lab can detect viral genetic material with PCR (test that detects genetic material of virus), providing results within days. Check with your veterinarian for testing recommendations.

Some farms affected by HPAI did not report new animal introductions 30 days prior to the outbreak. This suggests other potential virus carriers, such as workers, visitors, local wildlife, pets, or vehicles/equipment. Consider the following to reduce HPAI in your herd:

Safeguarding Workers. Workers, visitors, shared personnel, and consultants should:

- Keep up with personal hygiene. This includes regular showers, nasal and ocular hygiene. They should wear clean clothes and boots every day (if possible, do not take those outside the farm).
- Wear personal protective equipment (PPE) such as goggles, gloves, face masks, face shields, regular

Written materials

- Factsheets

UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources

UC DAVIS
VETERINARY MEDICINE

September 2024

Highly pathogenic avian influenza (HPAI) in cattle

Highly pathogenic avian influenza (HPAI) has been recently reported in California dairies. Based on current data available, here are answers to some common questions:

When to suspect?


Herd-level

- Higher than usual cows in the hospital pen. Sick cows will "multiply" in the first days.
- Sudden drop in bulk tank milk yield.
- Sudden drop in pen feed intakes.

Cow-level

- Unspecific signs - dehydrated, depressed, fever, and weight loss.
- Mild respiratory signs – clear nasal discharge, difficulty breathing.
- Abnormal milk - thick, discolored.
- Abnormal feces - loose or tacky.

Nasal discharge, low BCS, rumination drop in a single cow, and milk.



Where is the virus?

Virus sheds in high quantities in milk from sick cows. This indicates the virus is actively multiplying in the udder. **Virus genetic material** has been found in other samples but in lower quantities than in milk including:

Sick cows: nose (25%) urine (13%), blood (6%) of tested animals, but not in feces.

Healthy animals (subclinical infection): milk (6%), nose (32%), and urine (50%) of tested animals.

Dead animals: heart, udder, liver, spleen, lung and colon.

How long do cows shed after becoming sick?

- 3 days.** High concentration of virus is shed in milk
- 16 and 31 days.** No virus shedding. Only genetic material found in milk (83%, 16 days; 33% at 31 d). No viral genetic material in nasal secretions or blood. *This is data from a single study with limited sampling.*

What is the route of transmission in a herd?

We are still learning, but our best understanding is:

- The udder is considered the main transmission route based on the high concentration of virus shed in milk.
- Nose-to-nose or mouth transmission is being investigated. *Some farms identified respiratory cases before the full outbreak.*

Experimental infection results:

UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources

UC DAVIS
VETERINARY MEDICINE

USDA HPAI

Highly pathogenic avian influenza (HPAI) in cattle

A new disease has been identified in **cows**, highly pathogenic avian influenza (HPAI). It has been reported in dairy herds in Texas, Kansas, Michigan, New Mexico, Idaho, Ohio, North Carolina, and South Dakota. Based on current data available, here are answers to some common questions:

What is HPAI?

Source:

- Wild migratory birds are believed to be the initial source of infection of this virus in cattle.

Transmission risk:

- Cow-to-cow cannot be ruled out.
- Cow-to-human transmission risk is possible but unlikely, and human cases remain very low.

How to reduce spread?

Cattle movement into California:

- Minimize animal movement into your dairy from affected areas.
- In April 2024, the California Department of Food and Agriculture (CDFA) **added restrictions** and **increased inspection** requirements for animal movements.

Implement on-farm biosecurity:

- Isolate suspected sick animals for HPAI.
- Use personal protective equipment (PPE, coverall, goggles, disposable gloves).
- Wash boots before entering premises.

When to suspect?

Herd-level

- Drop in bulk tank milk yield and pen feed intakes.
- Higher than usual cow numbers in the hospital pen.

No depopulation is needed.

- Current cases indicate only ~10 to 20% of cows in the herd become sick.
- Low to no reported cattle deaths from HPAI.

CALL TO CONFIRM A HERD CASE

- California Animal Health Official **(916) 900-5002**.
- Local CDFA Animal Health Branch District Office.

Reduce risk of human transmission

Protect Yourself:

- Wear **goggles, gloves, and a face mask** when handling sick or dead animals and their feces (cattle, goats, and birds), and wash your clothes with disinfectant.

Avoid Possible Contaminated Foods:

- Raw or uncooked foods, especially unpasteurized (raw) cheese or milk.

If exposed:

Monitor Your Symptoms:

- Check for respiratory symptoms and eye redness for 10 days.

If Sick:

- Go to the doctor.
- Isolate yourself from others, including household

UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources

UC DAVIS
VETERINARY MEDICINE

USDA HPAI

Influenza Aviar Altamente Patógena (IAAP o HPAI) en vacas

Se ha detectado una enfermedad nueva que afecta a las vacas, la Influenza Aviar Altamente Patógena (IAAP o HPAI). Se ha sido reportado en rebaños lecheros de Texas, Kansas, Michigan, Nuevo México, Idaho, Ohio, Dakota del Sur, Carolina del Norte. Según los datos actuales disponibles, aquí hay respuestas a algunas preguntas comunes:

¿Qué es la IAAP?

Origen:

- Se cree que las aves migratorias salvajes son la fuente inicial de infección de este virus en el ganado.

Riesgo de Transmisión:

- El contagio entre vacas no puede descartarse.
- El riesgo de transmisión de vaca a humano es sospechado pero los casos se mantienen muy bajos.

¿Cómo reducir el contagio?

Movimiento de ganado hacia California:

- Minimice la llegada de vacas de áreas afectadas.
- En abril de 2024, el Departamento de Alimentos y Agricultura de California (CDFA) añadió restricciones y aumentó los requerimientos de inspección para el desplazamiento de animales.

Implementaciones en la bioseguridad de la granja:

- Aísle los animales sospechosos de IAAP.
- Use equipo de protección personal (EPP; overol, gafas, guantes).
- Lave sus botas antes de entrar al rebaño.

¿Cuándo sospechar?

A nivel de rebaño

- Disminución de la producción de leche en tanque y del consumo de alimento en corrales.

No es necesaria la depoblación

- Los casos actuales indican que sólo del 10 al 20% de las vacas en el rebaño se enferman.
- No ha habido muertes confirmadas por IAAP.

PARA CONFIRMAR UN CASO EN EL GANADO

- Oficial de Salud Animal de California **(916) 900-5002**.
- Oficina local del distrito de CDFA.

Reduce el riesgo de transmisión

Protéjase:

- Use gafas, guantes y mascarilla cuando manipule animales enfermos o muertos y sus heces (ganado, cabras y pájaros). Desinfecte sus ropas.

Evite comidas posiblemente contaminadas:

- Comidas crudas o sin cocinar, especialmente queso y leche sin pasteurizar (crudo).

Si ha sido expuesto:

- Esté alerta a síntomas respiratorios y ojos rojos por 10 días.

Si se siente enfermo:

- Vaya al doctor si se siente enfermo.
- Aílese de los demás, incluyendo de los miembros de su hogar.



Academic Instruction

Hands-on training in a clinical and lab setting for senior vet students, residents and high school students.

[Learn More](#)



Research Activities

Finding solutions to enhancing cow health and promoting productive cattle herds that produce safe and wholesome food products.

[More Info](#)



Lab Skills

Students learn microbiological testing at our Milk Quality Laboratory in compliance with National Mastitis Council and FDA best practices.

[More Info](#)

Resources on highly pathogenic avian influenza (HPAI) virus A (HSN1)



[Click to see Resources](#)

[Click to see Scientific References](#)

Thank you!



Join the Wellness Committee

We meet the 4th Tuesday of
the Month

Contact:

Lindsey Pedroncelli

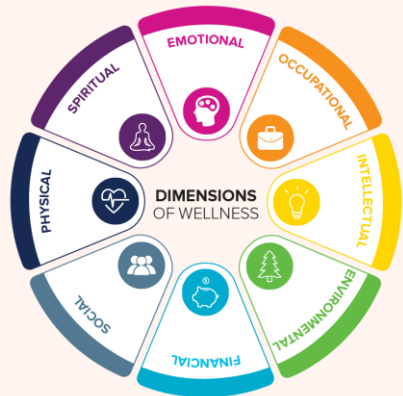
lrpedroncelli@ucdavis.edu

Roxana Price

roxprice@ucanr.edu

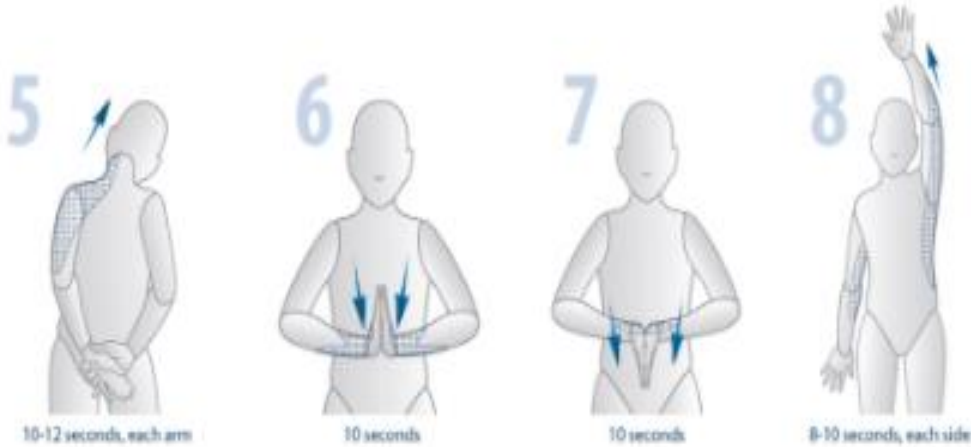
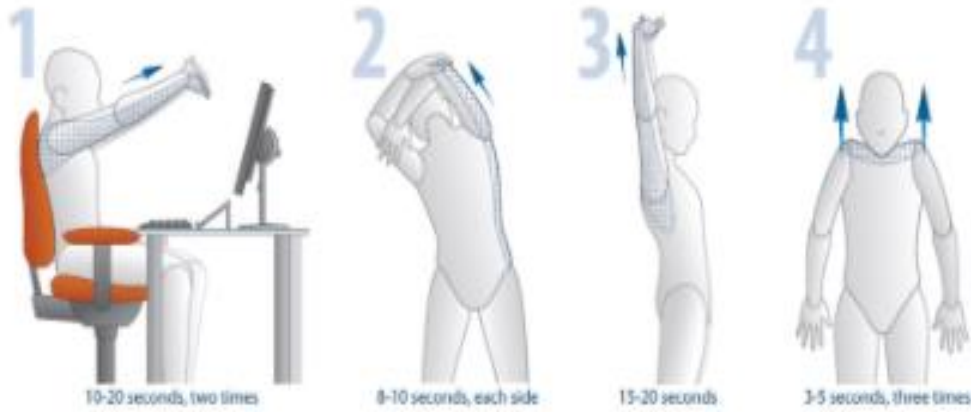
Health and Wellness Menu

- Mental Well-being
- Nutrition and Food
- Physical Wellbeing
- Alcohol, Tobacco, and other drugs
- Sexual Wellbeing



Wellness Committee Declutter Event 10-10-24

The screenshot shows a Zoom meeting interface. At the top, it says 'Meeting' and 'Lindsey Pedroncelli's scr'. A 'Recording...' indicator is visible in the top right. The main area shows a grid of video thumbnails for participants: Caitlin French, Maricarmen Anaya, Tatiana Avoce, Judith Hatfield, Kumari Jayakody, Julie Cornell, Sabina Padilla, Emma Tribble, Michael Ryan, Dalton Greer, Julie Katawicz, Stella Weaver, and a placeholder for a missing video. A chat window is open in the center, titled 'Meeting chat'. The chat messages are:
- 'Join UCANR WELLNESS COMMITTEE for Mental...' (system message)
- 'yes, sub-toiders is a great way. I have one for each of my projects! Thanks @Javier Miramontes' (message with 3 likes)
- 'Nicholle Stein-Peterson to Everyone 11:57 AM: This is my favorite webinar I've taken in my year and a half at UC ANR!!!! Thank you!!' (message with 3 likes)
- 'Roxana Price to Everyone 11:57 AM: Who can see your messages? Recording on' (message)
The chat window also shows 'To: Everyone' and 'Type message here...'. In the bottom left, a presentation slide is visible with the title 'Let's declutter!' and bullet points:
- Remove and categorize items
- Store non-essentials and non-urgent documents
- Digitize and organize!
The URL 'https://www.letsoffload.com/' is at the bottom of the slide.



Wellness Committee

Let's Stretch!

Thank You for
participating

Strategic Focus

 **UNIVERSITY OF CALIFORNIA**
Agriculture and Natural Resources

ANR Business Operations Center (BOC)

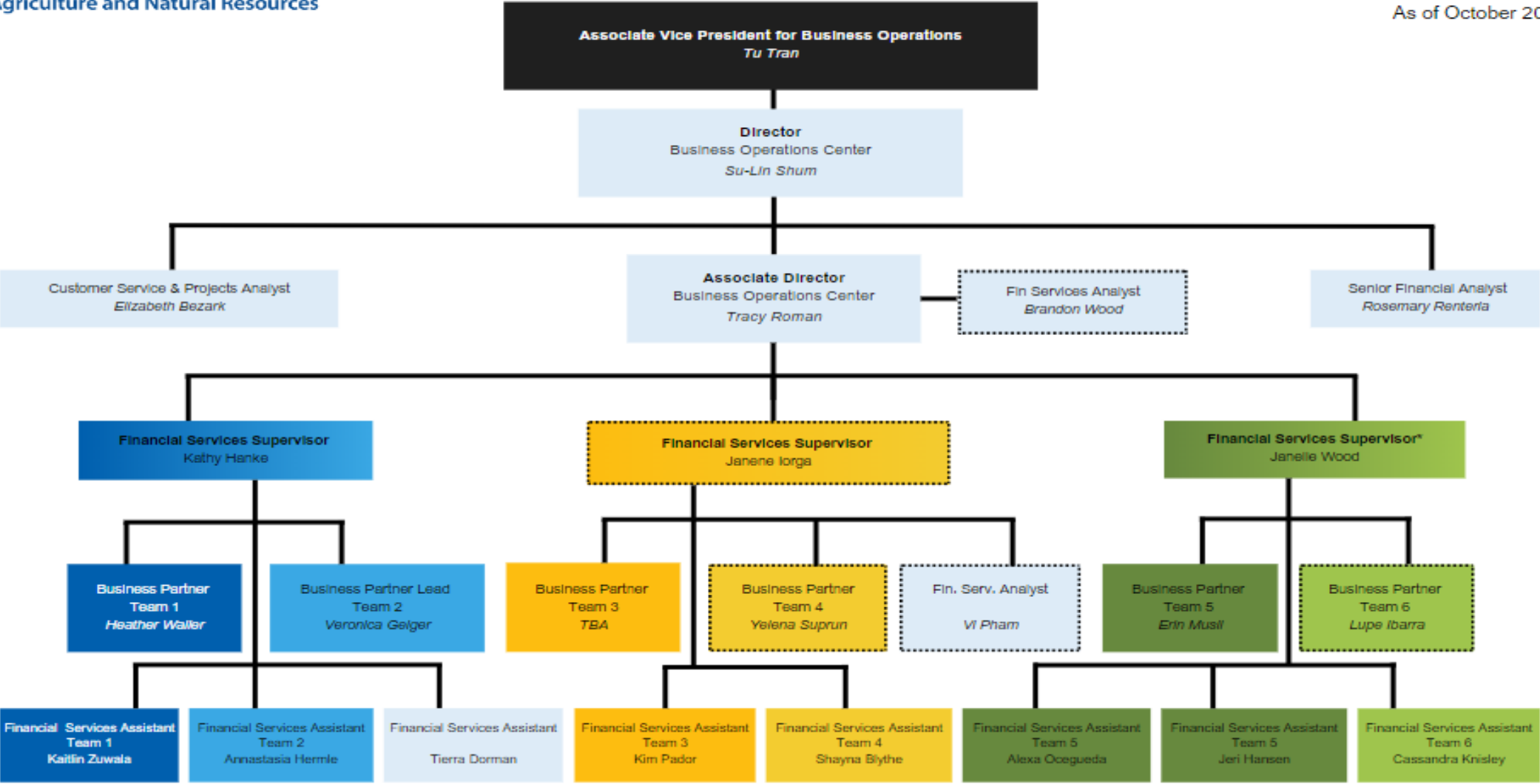
Who We Are and What We Do

Presented by Su-Lin Shum

Director, Business Operations Center

Date: October 17, 2024

BOC Org Chart & Business Partner Teams



*Includes financial services to support ANR Statewide programs

Indicates Laird funded positions

Provides support across the BOC

BOC Services

- Account and fund management
- Budget and financial analysis
- Personnel and expense transfers
- Post-award grants management
- Recharge and rate development
- Purchasing and invoicing
- Travel and entertainment
- Gift acceptance
- Cash management
- ANR Credit Card Machine Program



BOC Clients

BUSINESS PARTNER TEAM 1	BUSINESS PARTNER TEAM 2	BUSINESS PARTNER TEAM 3	BUSINESS PARTNER TEAM 4	BUSINESS PARTNER TEAM 5	BUSINESS PARTNER TEAM 6
Alameda	Marin	Butte	Capital Corridor	Facilities Planning & Mgmt	Humboldt/Del Norte
Contra Costa	Mariposa	Colusa	- Solano	Information Technology	Kern
Elkus	Merced	Glenn	- Sacramento	Publishing	Lassen
Imperial	Napa	Monterey	- Yolo	Risk & Safety Services	Nevada/Placer
Inyo/Mono	San Joaquin	Orange	Central Sierra Nevada	Human Resources	Plumas/Sierra
Lake	Siskiyou	Riverside	- Amador		Shasta
Los Angeles	Sonoma	San Benito	- Calaveras	Purchasing support only	Stanislaus
Mendocino		San Bernardino	- El Dorado	Agricultural Issues Center	Tehama
Modoc		Santa Cruz	- Tuolumne	Environmental Stewards	Trinity
San Diego		Sutter/Yuba	Fresno/Madera	CA Institute for Water Resources	Business Operations Center
San Luis Obispo			Kings	Community Nutrition and Health	Contracts & Grants
San Mateo / San Francisco			Tulare	Informatics and GIS Program	Controller & Business Services
Santa Barbara				Integrated Pest Management Prog	Development Services
Santa Clara				Statewide Programs and RECs	
Ventura				Nutrition Policy Institute	Purchasing support only
				Program Support Unit	4-H Youth Development Program
				Sustainable Agric Research & Ed	Gov't and Community Relations
				Strategic Communications	Master Gardeners Program

Business Partner Team Assignments



Service Highlights

- Fiscal year-end
- Support day-to-day purchasing needs e.g. cell phones, new vendor
- Assist in paying the bills e.g. Pcard, elec payment or check
- Support central allocations to UCCEs
- Administer Academic Salary Cost Recovery funds
- Aggie Enterprise Implementation
- New programs e.g. ANR Credit Card Machine Program

ANR Credit Card Machine Program

Launched October 2023 – Year 1

Program Process

1. Payment Card Security Trainings
2. Submit Request Form
3. Shipping
4. Accept Credit Card Payments During Your Event

Program Highlights

- We have 7 machines to rent out to any ANR Staff for events and sales!
- Since October 2024, BOC has received 23 requests and has shipped out 1-4 machines per request
- Use of the machines has led to quicker sale processing
- 100% of program survey respondents said they'd rent a machine from BOC again
- Busiest month is April! We recommend requesting machines for spring sales ASAP

More Information

- [ANR Credit Card Machine Program Webpage](#): BOC Website under the Resources & Programs menu
- BOCSupport@ucanr.edu or 530-786-0538



What Do You Already Know? – Pop Quiz!

- **How many days do you have to submit a travel expense report?**
 - A. 45 days
 - B. 7 days
 - C. 90 days
- **In working with BOC, what does “PO” generally stand for?**
 - A. Post Office
 - B. Purchase Order
 - C. Pre-Approval Officer
- **If you are a BOC client, do you know how to contact us?**
 - A. Yes
 - B. No

Customer Service: Thank you for your feedback

- Our steps to enhance customer service:
 - Major effort to update website
 - Content and graphics
 - Navigation
 - Focused on policy clarity and processes
 - Standardized processes
 - Updated and improved forms
 - Simplify policies e.g. Do's and Don'ts
 - Added FAQs
 - Addressed problem areas and streamlined
 - Stepped up communications
 - CD/AD meetings
 - Office Manager meetings
 - Office hours - both BOC and AggieEnterprise
 - Regional site visits
 - Planning a two-day onsite training

The People Behind the Numbers

In the Office





Outreach and Collaboration



Team Events



Questions?

Email: BOCSupport@ucanr.edu

General Tel: 530-786-0538

Website: [Business Operations Center - ANR Employees \(ucanr.edu\)](https://ucanr.edu/business-operations-center-anr-employees)

 **UNIVERSITY OF CALIFORNIA**
Agriculture and Natural Resources

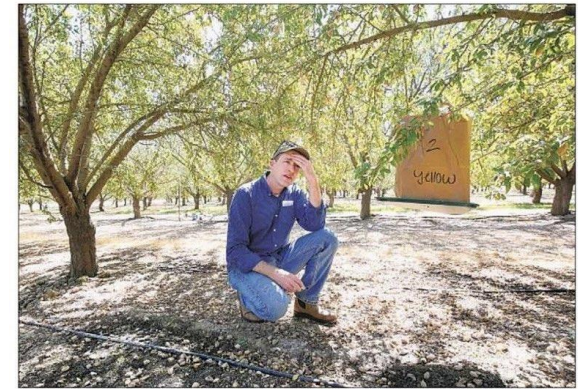
 **UNIVERSITY OF CALIFORNIA**
Agriculture and Natural Resources

In the Media

- **Ken Tate** told [San Francisco Chronicle](#) 72% of wolf scat (from 18 wolves) he collected around the Lassen Pack in 2022-23 contained traces of cows
- **Barb Satink Wolfson** gave [NBC LA](#) viewers tips to stay safe from wildfire
- **Brian Woodward** told [Santa Cruz Sentinel](#) that invasive shothole borers have been detected in Felton trees
- **Amir Verdi** was interviewed on [NBC Bay Area](#) about heat-tolerant plants and drought-resistance
- **Laura Garza** presented a grim picture of Mendocino County's ability to survive prolonged drought, according to [Mendocino Voice](#)
- **Karey Windbiel-Rojas** told [Martha Stewart](#) magazine that broom shrubs are pretty, but produce a lot of seeds and can become invasive
- **Lenya Quinn-Davidson**, a founder of W-TREX, told [NPR](#) the training enables women to network, experience firefighting and build leadership skills

https://ucanr.edu/News/UC_ANR_in_the_news

Sunday Los Angeles Times latimes.com



Farms fight a pesky almond moth with sex, radiation, 'mummies'

In a windowless shack on the far outskirts of Fresno, an ominous red glow illuminates a lab filled with X-ray machines, shelves of glowing boxes, a quietly humming incubator and a miniature wind tunnel.

While the scene looks like something straight out of a sci-fi movie, it's actually part of an experimental program to prevent a damaging almond pest from successfully mating.

With California almonds growers reeling from dropping nut prices and rising costs, the pest has only added to their woes.

Every year, the navel orangeworm eats

through roughly 2% of California's almonds before they can make it to grocery store shelves. Last year, it was almost double that.

While that might seem small, if you do the math, it's going to be a lot of millions of dollars lost to this pest," said David Haviland, a Kern County farm advisor with University of California Agriculture and Natural Resources. "And that's despite the control methods that people use," he said.

California produces 80% of the world's almonds, yet in 2022 the production value of the nut fell 3% compared with the previous year. (See Almond moth, ANR)

By Noah Haggerty
REPORTING FROM PARLER, CALIF.

County's cycle of packing, building new jails

At nearly all moments in history, L.A. leaders have been expanding the carceral system or considering the idea.

By Keri Blakinger

When you think of a prison town, you probably think of a place like Huntsville, Texas. Or maybe Forrest City, Ark. Or Bismarck, Cal. If even if you don't know them by name, you know the type: places where the population is half-incarcerated and virtually everyone works for or knows someone who works for a prison. In short, you probably do not think of a place like Los Angeles.

But maybe you should. Technically, it's not a prison town. Though there are a few federal and state prisons for those convicted of serious crimes scattered across the county, the Southern California carceral fame lies more in its jails. On average, the county's lockups hold close to 15,000 people. With roughly twice as many incarcerated people as are in New York for more notorious Rikers Island complex, Los Angeles is home to the largest jail system in the most heavily incarcerated county in the world.

At nearly every moment in its history, Los Angeles has been either expanding an old jail, building a new one or debating whether to. The perpetual refrain of build, overcrowd, repeat builds in the history of the city's history like an aging town.

Right now, that hum is growing a little louder as

Houston Wilson, David Haviland & Tapan Pathak's research on navel orangeworm mating disruption on front page of LA Times.

New Hires: Welcome to UC ANR

Sept 17-October 15, 2024

First Name	Last Name	Department Description
Molly	Baker	UCCE PLUMAS/SIERRA COUNTIES
Ben	Baldi	UCCE CAPITOL CORRIDOR MCP
Jovani	Belman-Acevedo	STATEWIDE PROGRAM OPERATIONS
Kiana	Coleman	NUTRITION POLICY INSTITUTE
Thais	De Melo Ramos	SUSTAINABLE AG RESEARCH & EDU
Jesus	Gaytan-Lueza	UCCE KERN COUNTY
Kumari	Jayakody	UCCE SAN LUIS OBISPO COUNTY
Jazmin	Lopez	UCCE LOS ANGELES COUNTY
Jason	Merin Flores	DESERT REC
Andrea	Northup-Warner	UCCE NEVADA_PLACER COUNTY
Ana	Ortiz Ramos	NUTRITION POLICY INSTITUTE
Claudia	Pardo	UCCE KERN COUNTY
Tiffany	Quiroz	KEARNEY AGRICULTURAL CNTR
Alyssa	Recio	UCCE RIVERSIDE COUNTY
Mia	Sasaki	UCCE SAN MATEO COUNTY
Molly	Shea	NUTRITION POLICY INSTITUTE
Alexandra	Sung-Jereczek	HOPLAND REC
Vanessa	Varela	UCCE BUTTE



Thais De Melo Ramos



Andrea Northup-Warner



Mia Sasaki



Kumari Jayakody

Other Updates

- *Lock Down Your Life* –with Dalton Greer
- Project Recruitment – with Devii Rao
- DEI Council – Elizabeth Moon
- RREA call for proposals extended until October 31

Lock Down Your Life

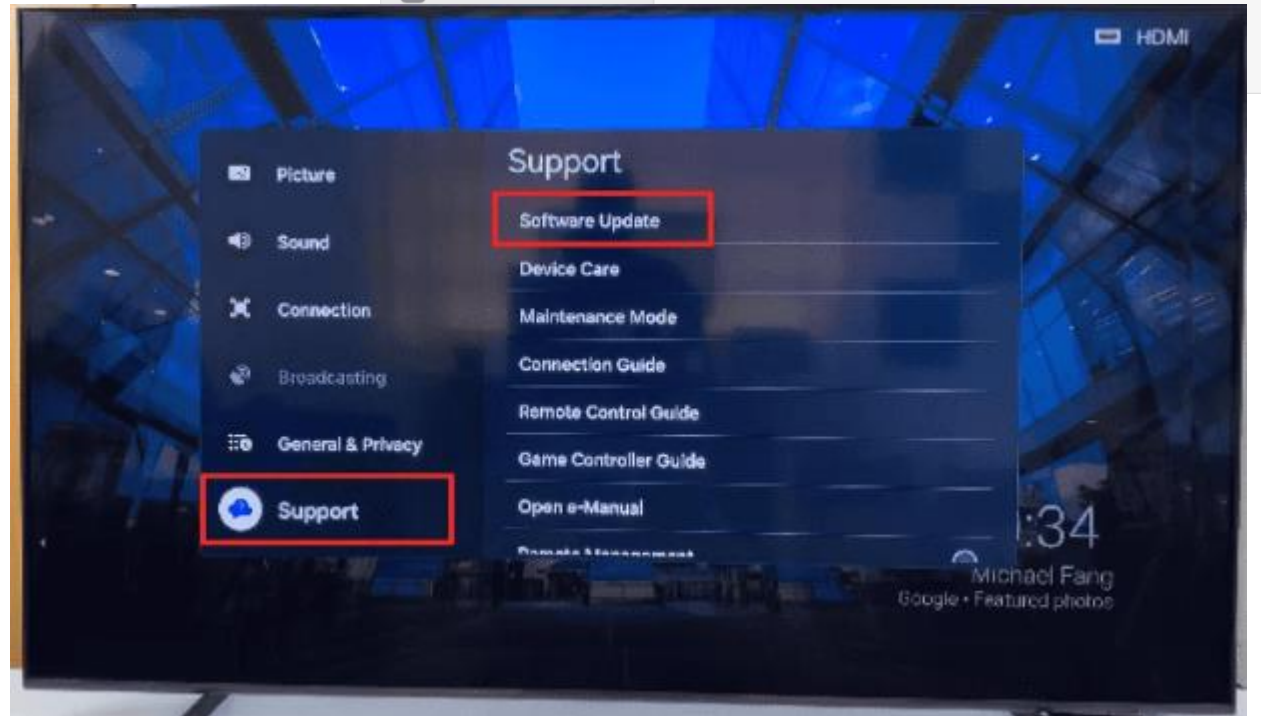
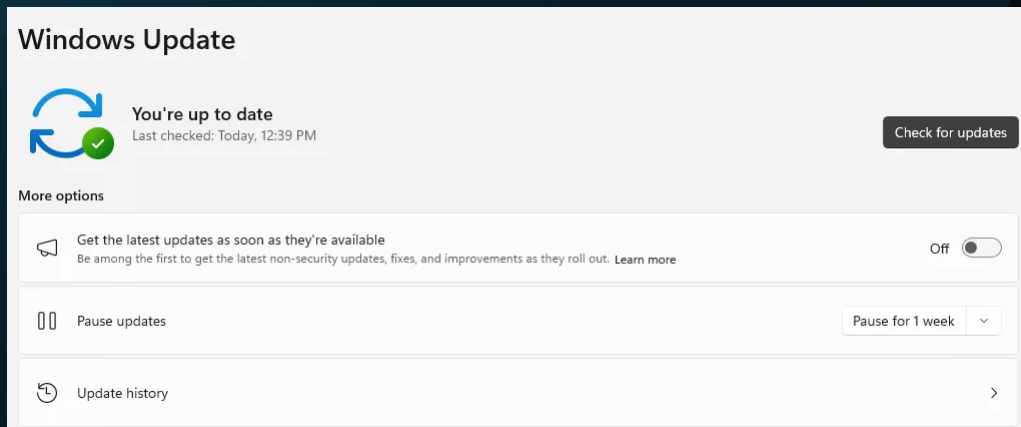
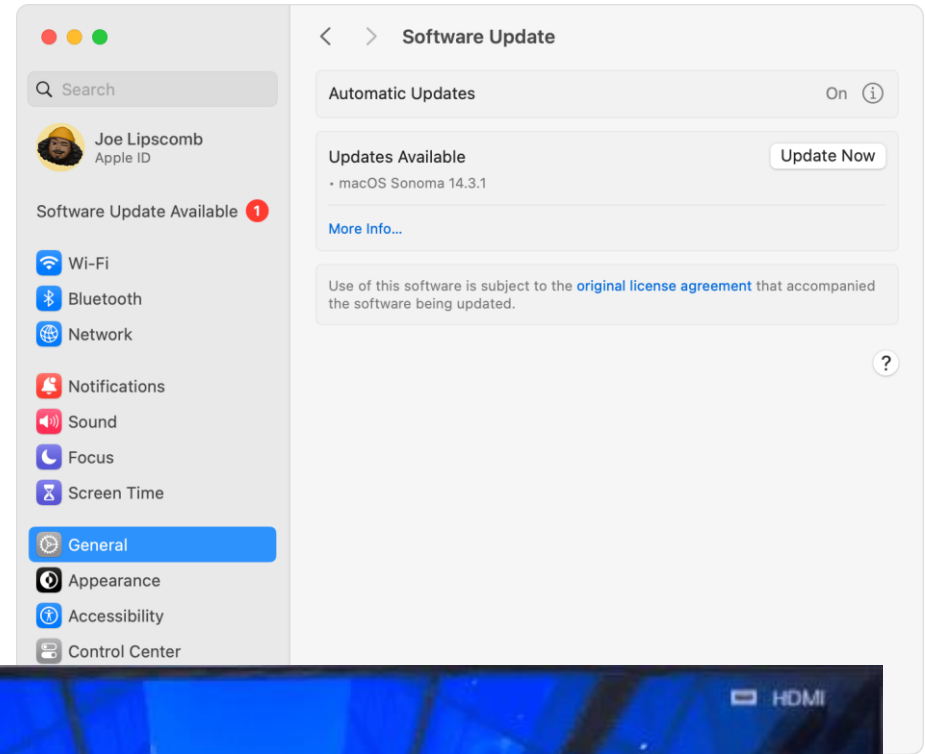
Simple Steps to Secure Your Personal Devices

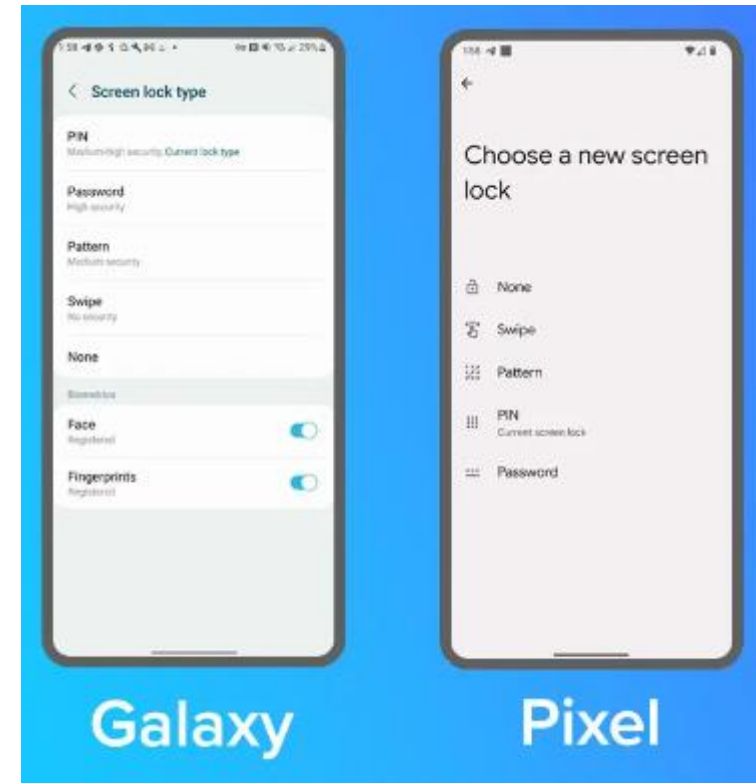
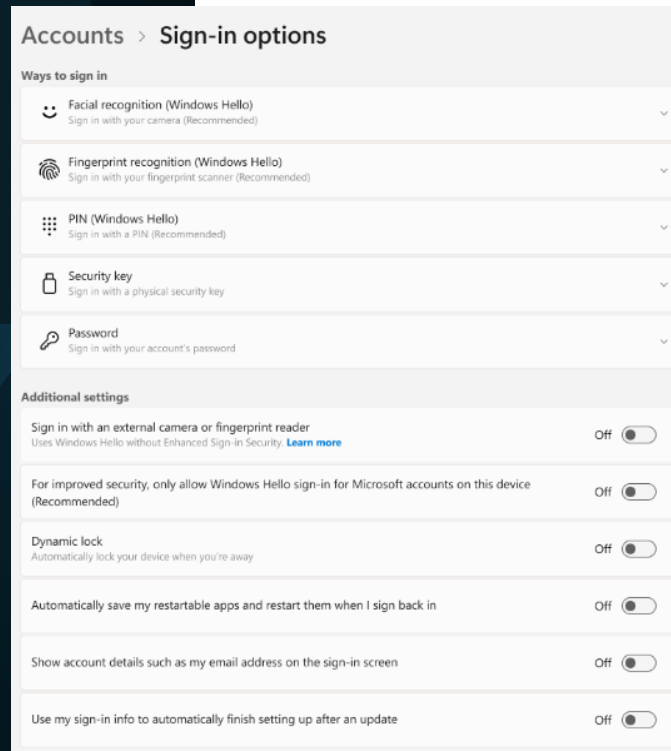
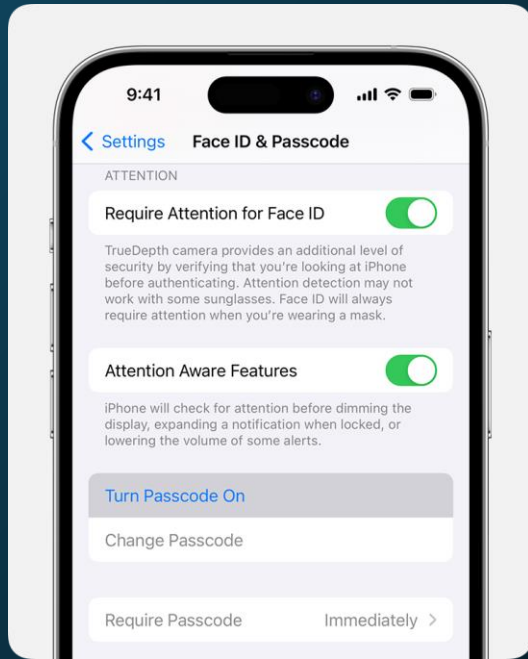
Protect Your Digital Life

Be CyberSafe



Automatic Updates





Screen Timeout Pin, Password, Touch/FaceID

Set up Find My on your iPhone, iPad, or Mac

Set up Find My so that you can locate a lost device or item — such as your paired AirPods, Apple Watch, or a personal item with an AirTag attached.

How to turn on Find My for your iPhone or iPad

1. Open the Settings app.
2. Tap your name, then tap Find My.
3. If you want friends and family to know where you are, turn on Share My Location.
4. Tap Find My [device], then turn on Find My [device].



Remote location and lockout features



SmartThings Find

Lost something? Find your Galaxy phone, tablet, watch, and other devices with SmartThings Find.



Find My Device

Find, lock, erase or play a sound on any lost Android device. Locate your lost Android device and lock it until you get it back

Sign in



Turn on Find my device

When you set up a new device, you can decide whether to turn on or turn off the Find my device setting. If you turned it off during setup and now want to turn it on, make sure your Windows device is connected to the internet, has enough battery power so it can send its location, and that you're signed in to the device using your Microsoft account.

1. On the device that you want to change:
 - a. Windows 11: Select Start > Settings > Privacy & security > Find my device.
 - b. Windows 10: Select Start > Settings > Update & Security > Find my device.

Open Find my device settings

Turn on firewall protection

1. On your Mac, choose Apple menu  > System Settings, click Network  in the sidebar, then click Firewall. (You may need to scroll down.)
2. Turn on Firewall.
3. To specify additional security settings, click Options, turn settings on or off, then click OK. See [Change Firewall settings](#).

Built-in Firewalls and Antivirus

Firewall & network protection

Who and what can access your networks.

 **Domain network** (active)

Firewall is on.

 **Private network**

Firewall is on.

 **Public network** (active)

Firewall is on.



Better WiFi. Everywhere.

BASIC

ADVANCED

- ADVANCED Home
- Setup Wizard
- Setup +
- Security +
- Administration +
- Router Status
- Logs
- Attached Devices
- Backup Settings
- Set Password**
- NTP Settings
- Firmware Update

Set Password

CANCEL APPLY

Old Password: [password field]

Set Password: [password field]

Repeat New Password: [password field]

Enable Password Reset

Security Question #1: What is your grandfather's first name? [dropdown]

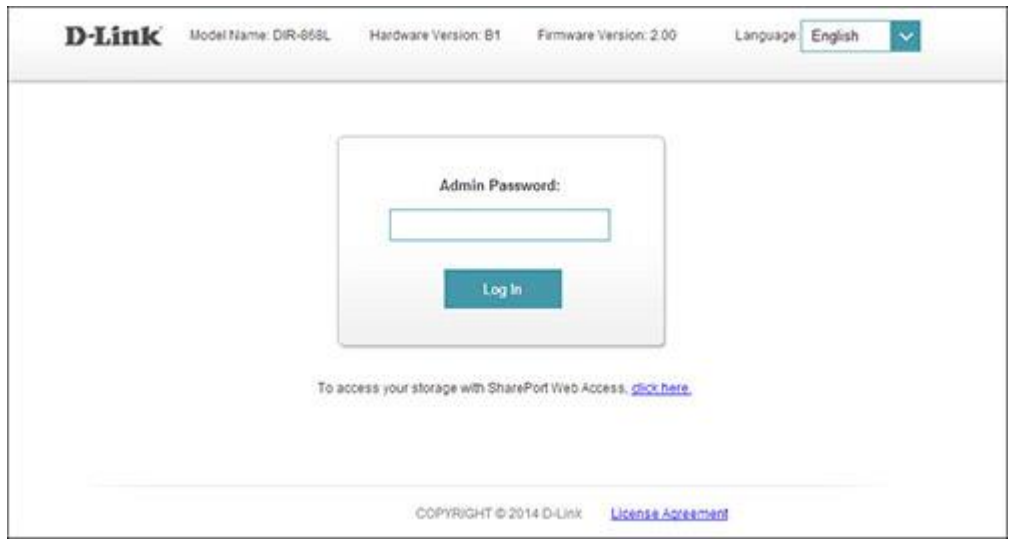
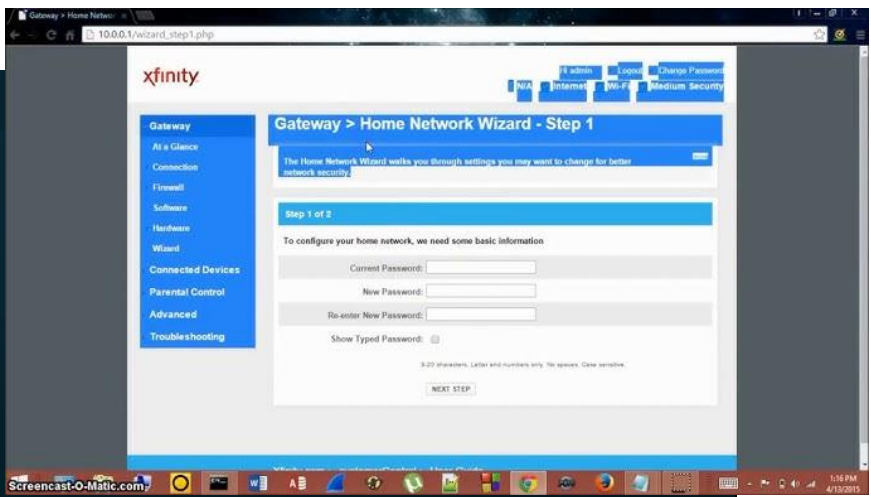
Answer*: [password field]

Security Question #2: What is your mother's middle name? [dropdown]

Answer*: [password field]

*=required information

Last time password was reset:



Change default passwords



Protect Your Digital Life

Be CyberSafe

Project Recruitment – with Devii Rao

2024-10-14 08:42:26

Project Recruitment – with Devii Rao

- Devii Rao: drorao@ucanr.edu, 831-205-3125
- Link to sign up for “Being Mixed Race in the Workplace” project:
<https://forms.gle/F9P1kQaDiiBEfjJz6>

DEI Advisory Council Nominations

Due 10/20

email:

deiadvCouncil@ucanr.edu

***+Accepted on Rolling Basis through
11/15***

Membership Criteria:

- Experience and/or interest in advocating for change and moving forward DEI work.
- Experience and/or interest in navigating/negotiating for organizational change in UC ANR.
- Membership aims to represent the diversity of the UC ANR community and state of California, specifically including representation of marginalized racial, ethnic, gender, sexual orientation, and ability groups.
- Membership includes a mix of staff and academics, represents a cross-section of UC ANR offices and programs, and geographical distribution (north/south, urban/rural).

WIB Learning & Connections

Conflict Training

- October 24, 12-1 pm
Conflict De-escalation in a Public Workplace

- November 4, 12 – 1:30 pm
How to Respond to Harassment

****Sessions are not recorded***

Virtual Healing Circles

- November 15, 12 - 1 pm
OPEN to ALL ANR
- In-Person Facilitator Training
- February/March 2025
- ERGs/Affinity Groups have focused Opportunities

THANK YOU!

Next Town Hall:
Thursday, November 21, 2024

 **UNIVERSITY OF CALIFORNIA**
Agriculture and Natural Resources