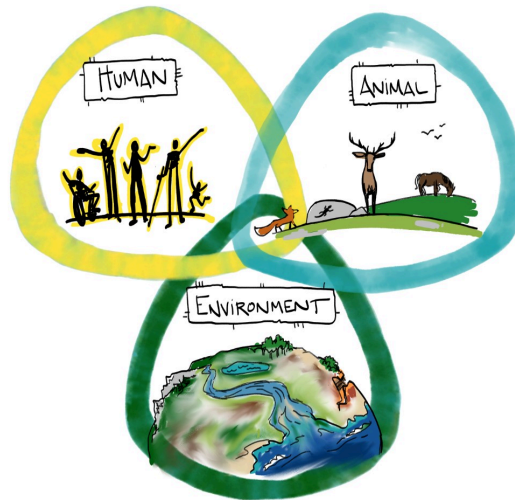


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One Health Institute Updates
Fall Semester 2025

CSU One Health Institute



Note from our Director

Dear One Health friends, colleagues and students,

Welcome to the fall semester! How did summer come and go so quickly? I hope you all were able to get outdoors and enjoy doing the other things you love. We are looking forward to the fall and are pleased to share some One Health updates and opportunities with you.

First, we have two upcoming events we hope you can join us for – our annual Fall Affiliate event and One Health Day celebration.

We are also excited to enter our second year offering the Graduate Certificate in One Health in partnership with the CSU Graduate Program in Public Health. We would also like to announce an opportunity for medical students to apply for the Dr. G. William and Linda Orr Medical Student Award. Please look for more details on these and other student opportunities in our fall newsletter.

Earlier this month, we were pleased to help organize and participate in the second annual meeting of the North America One Health University Network (NAOHUN). You may remember that we convened the first meeting at CSU last August. Over the past year, NAOHUN has grown to include more than 80 universities across Canada, the United States and Mexico with more than 400 participants from academia, government,

industry and the private sector. Read more about this year's meeting below hosted by North Carolina State University's Global One Health Academy.

Thank you for your engagement and collaboration in One Health! I look forward to seeing you all throughout the fall and wish you a wonderful semester ahead.

Best,

Tracey Goldstein, Ph.D.

[Dr. G. William and Linda Orr Endowed Director for One Health](#)

One Health Institute

Colorado State University

One Health Stories

Graduate Certificate in One Health prepares professionals to solve global health challenges



One Health in Communities Class on their final presentation day, May 2024. Certificate participants Delaney Worthington (pictured center) and Sami Ullah Khan Bahdur (pictured far right) share how the Graduate Certificate in One Health is preparing them for careers in science and public health.

The Graduate Certificate in One Health welcomed the first students in Fall 2025 and we look forward to increasing enrollment and interest in the certificate in Fall 2026.

At Colorado State University, the Graduate Certificate in One Health is preparing professionals to work across disciplines on some of the world's most pressing problems. Offered through CSU's Graduate Program in Public Health in partnership with the One Health Institute, the certificate gives participants the tools to collaborate effectively, communicate across sectors, and design solutions grounded in science and community

engagement. To highlight how the certificate is preparing participants for careers in One Health, we recently sat down with our first two certificate participants.

Sami Ullah Khan Bahadur and Delaney Worthington say the program has broadened their perspectives — from actively addressing antimicrobial resistance to strengthening research impact through science communication. The certificate emphasizes collaboration, systems thinking, and provides hands-on, real-world application.

The Graduate Certificate in One Health is open to graduate and professional students from any college, as well as CSU employees with an undergraduate degree from an accredited university. It can be completed in as little as 12 months and does not require a science background.

[Learn how the program is shaping the next generation of One Health leaders.](#)

Scientists share novel research approaches to chronic disease causes and treatments: CCTSI holds its 13th Annual CU-CSU Summit



At this year's CU–CSU Summit hosted by the Colorado Clinical and Translational Sciences Institute (CCTSI), researchers came together at CSU Spur in Denver to share new approaches to understanding and treating chronic disease.

A variety of CSU researchers presented their research at the Summit, with several using natural animal models to inform approaches to human chronic disease. Julie Moreno, Ph.D., shared research on the use of a guinea pig model to understand age-related neuroinflammatory mechanisms. Similarly, Tracy Webb, DVM, Ph.D., FNAP, presented on using domestic pets as natural animal models to identify solutions to human chronic diseases. An additional animal model approach, presented by Dan Regan, DVM, highlighted how novel immunotherapy treatments identified in golden retrievers can identify treatments for Osteosarcoma in humans.

CSU presentations continued with Sam Winston, a Ph.D. candidate in the College of Engineering, who shared his research on the development of immune instructive hydrogels that stimulate quicker healing in rotator cuff injuries. Tim Stahley, director of the Northeast Regional Engagement Center, shared approaches to building capacity for aging programming and research in Northeast Colorado.

The Summit featured a [variety of other experts](#) and underscored how partnerships across CSU, CU Boulder, and CU Anschutz are driving solutions to some of today's most pressing health challenges.

[Read the story](#)

BROADN researchers use drone technology to advance biological discovery of the atmosphere

The Biology Integration Institute Regional OneHealth Aerobiome Discovery Network, or **BROADN**, is a center lead by CSU funded by the National Science Foundation and works to advance biological discovery and understanding of the microbes in the air around us. BROADN includes faculty, students and staff working across Colorado State University, CSU-Pueblo, Doane University, and University of Colorado Boulder.

BROADN researchers employ unique air sampling methods, such as attaching a SASS high-efficiency dry air sampler to a drone, to collect and analyze microscopic organisms that exist in the air at difficult sampling altitudes. Our video demonstrates how BROADN researchers are collaborating with CSU's Drone Center to achieve continuous air sampling at 100 meters.

[Watch the video](#)

2nd Annual Meeting of the North America One Health University Network

Last August, the North America One Health University Network (NAOHUN) gathered at Colorado State University for the inaugural meeting of universities with One Health programming for collaboration. Since its inception in 2024, the Network has grown to include representatives from 87 universities and over 400 members in the United States, Canada, and Mexico. This September, NAOHUN gathered virtually for its second annual meeting.

This year the meeting was hosted by the Global One Health Academy at North Carolina State University. The Network's second strategic planning and organizational meeting on Sept. 4 and 5 welcomed over 170 individuals from 51 universities across Canada, the United States and Mexico and 18 partners from government, industry and others to share One Health success stories and ideas for future collaboration across North America.

Network efforts for continued integration across North America will continue with the goal of linking together universities across the continent to advance One Health research, education, service, outreach, policy, and advocacy.

[Read the story](#)

One Health opportunities

Attention Medical Students - Apply for the Dr. G. William and Linda Orr Medical Student Award

The One Health Institute at Colorado State University (CSU) is proud to offer the [William and Linda Orr Medical Student Award](#) for a medical student with a focus in One Health to complete a Master of Public Health (MPH) degree at the CSU campus of the Colorado School of Public Health.

Student Award Application Period | June 15 to November 15, 2025
Student Award Notification | November 20, 2025
Student Award Acceptance | December 15, 2025

Note: The student award is contingent on submission of a formal MPH application in SOPHAS Express and an offer of admission to the MPH/MD dual degree program.

[Learn more and apply](#)

Notice: Upcoming Faculty Pilot and One Health Student Awards

CSU's One Health Institute anticipates funding Faculty Pilot projects and One Health Student Awards 2026. Be on the lookout for our Call for Proposals, anticipated in **December 2025**.

One Health Events

Fall Affiliate Meeting

Thursday, Oct. 2, 2025 | LSC 386 | 2 - 4 p.m.



Join us for our Fall Affiliate Meeting on **Thursday, Oct. 2 from 2 - 4 p.m. in Lory Student Center 386** to kick off the Fall semester.

We invite all who are interested in One Health collaboration and research to our Affiliate meetings. The One Health Institute will share updates and discuss activities for the academic year.

RSVP for the meeting

RSVP today for our One Health Day Celebration!

ONE HEALTH DAY CELEBRATION
Addressing Ecosystem One Health Challenges
 COLORADO STATE UNIVERSITY | CANVAS STADIUM INDOOR CLUB
THURS., NOV. 6 | 4:00-7:00 PM

ONE HEALTH INSTITUTE
 COLORADO STATE UNIVERSITY

Thursday, Nov. 6, 2025 | 4:00 - 7:00 p.m.

Canvas Stadium, Indoor Club (6th floor)

World One Health Day is observed on Monday, November 3rd, and in celebration, Colorado State University's One Health Institute invites you to our annual symposium on Thursday, November 6th. This year's theme is *Addressing Ecosystem Health Challenges through the One Health Approach*.

We look forward to bringing together experts, researchers, students, and professionals from various fields to discuss and explore the intersection of human, animal, and environmental health.

We welcome all who are interested in learning about One Health to attend. One Health Day is free and open to the public. **Please RSVP below.**

RSVP for One Health Day

First Gentleman's Monthly Speaker Series on Animal Issues

The First Gentleman of Colorado, Marlon Reis, is hosting a monthly Speaker Series on Animal Issues at the Governor's Mansion. The series is free and open to the public, featuring presentations on topics ranging from pollinators and wildlife conservation to animal welfare and coexistence with carnivores.

Community members and organizations working to support animals are encouraged to participate or propose future events. Sign up below to receive notifications about upcoming sessions.

Sign up for Speaker Series

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