

## **June 24, Tuesday 10:00am-11:45am**

### **Forestry 101 (this time only)** Audra Cochran *5-20 participants*

Explore Idaho forestry through hands-on activities. You will gain essential skills in tree identification and put your management knowledge to the test with a tree judging challenge. Join us for an interactive experience that deepens your understanding of forestry!

### **Without a Team, there Is No Dream (this time only)** Officer Team *10-30 participants*

Through engaging activities, you'll enhance your communication, problem-solving, and conflict resolution abilities while working with others. Discover how effective teamwork can help you accomplish your goals and turn your dreams into reality! Together, we'll explore real-life scenarios that highlight the importance of collaboration in achieving success.

### **Nature's Partners: Exploring the World of Plants and Bugs (prefers this time)** Drs. Luc Leblanc and Kai Battenberg *10-15 participants*

This unique workshop combines a visit to both a bug museum and a plant museum. Participants will start at the William F. Barr Entomological Museum, where they will discover the incredible diversity of insects, their roles in ecosystems, and the fascinating adaptations that help them survive. Next, you'll transition to the Stillinger Herbarium, which is the largest herbarium in Idaho and functions as the official state repository for more than 200,000 plant and fungal specimens.

### **Quick Bites: Easy & Tasty Recipes (anytime)** Cheryl Lockard *10-18 participants*

Join us for a fun workshop where you'll learn to whip up delicious, healthy recipes in a flash! We'll share super simple recipes and cooking tips that fit perfectly into your busy schedule. Get ready to impress your friends and family with quick dishes that are both tasty and good for you!

### **Electronics Dissection (Tuesday, repeater)** Joe Stanley *5-20 participants*

Join us for an engaging and hands-on workshop designed for enthusiasts, hobbyists, and aspiring engineers! You will delve into the inner workings of various electronic devices and computers. This workshop aims to demystify technology, enhance your understanding of circuitry, and, basically, tear things apart!

### **Vandal Brand Meats (anytime)** James Nasados and Kacie Hoffman *10-20 participants*

Join us for an exciting tour of our meat lab to see where your food comes from! This workshop will take you behind the scenes to explore the processes of meat production, processing, and safety. You'll learn about various techniques, quality control measures, and the science behind meat processing, all while gaining valuable insights into the industry.

**Beefing Up Your Cattle Care (anytime, repeater)** Lauren Christensen *8-12 participants*

Participants will learn the signs of impending calving and how to handle complications associated with dystocia effectively by practicing calf delivery on a life-sized cow model. The workshop will also cover vaccination best practices to ensure the health and productivity of your herd. Perfect for aspiring farmers and cattle owners, this workshop is a valuable opportunity to enhance your knowledge and skills!

**Hearts of Animals: Exploring Anatomy (morning repeater)** Dr. Dan Fitzsimons *1-20 participants*

Participants will examine the hearts of various animals and make basic measurements of heart structures to gain a deeper understanding of how different species function. Through guided activities, you'll learn about the unique adaptations of each heart and their significance in overall animal health. This interactive experience is perfect for aspiring veterinarians, farmers, and anyone interested in animal science!

**How to Sell a Rock (anytime)** Karen Richel *15-25 participants*

This silly, fun event brings out the entrepreneur in you. In this workshop, we will start with a quick story on how to sell a rock. You will develop your own business plan complete with identifying your target audience, marketing, finances, profit, business logo, and name. PLUS, you will paint a proto-type rock to get you started. A fun way to learn about being your own boss!

## **June 24, Tuesday 1:15pm-3:00pm**

**Jam-Making 101: Crafting Delicious Preserves at Home (this time only)** Amy Robertson and Surine Greenway *10-20 participants*

Join us for a workshop where you'll explore safe methods for making jam at home. Engage in hands-on activities to create both freezer jam and shelf-stable canned jam. This is a great opportunity to enhance your culinary skills while enjoying a fun, interactive experience!

**Engineering the World: Hydraulics and Hydrology (prefers later in day)** Dakota Wilson and Erin Poor *10-20 participants*

Participants will gain a comprehensive understanding of fluid mechanics, water flow, and the interaction between water and the environment. Participants will specifically learn fluid mechanics by creating a model excavator, enhancing their practical understanding. Key topics include fluid mechanics, hydrological processes, hydraulic structure design, modeling techniques, and sustainable water resource management.

**Beef Up Your Knowledge (prefers later in day)** Makayla Proett and Elisha Johnson *10-20 participants*

This session will cover the essential principles of nutrition management to optimize cattle health and production. Participants will learn how to evaluate breeding soundness in bulls and heifers, ensuring optimal reproductive performance. Whether you're considering a career in agriculture or just want to learn more, this workshop is the perfect opportunity to beef up your skills!

**Is Law School Right for You?** Agricultural Law Society and Law School Students/Law School Professors. *50 participants*

Come learn about what a day at law school looks like, and the journey to becoming a lawyer. Want to know more about the exciting, rewarding, and diverse field of law? Join us for an interactive discussion with real law students, real law professors, and learn about how the law might apply to your life.

**All-Star Horse Judging (anytime)** Stacey Doumit *5-20 participants*

Through hands-on practice and expert demonstrations, you'll gain the confidence to assess horses effectively. Participants will learn the fundamentals of evaluating conformation, movement, and breed standards. Whether you're a novice or looking to refine your judging skills, this workshop offers valuable insights and practical experience in the art of horse judging. Don't miss this opportunity to deepen your knowledge and connect with fellow equine enthusiasts!

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**Genetics: Unraveling the Code (repeater, anytime)** Kim Davenport *5-20 participants*

Join us for a dive into the science of livestock genetics! Participants will extract DNA, learn how to interpret genetic test results, and explore how these insights can improve breeding and selection strategies. We'll also discuss current and relevant research efforts aimed at advancing livestock genetics and breeding for better productivity, health, and efficiency. Whether you're raising cattle, sheep, goats, or pigs, this workshop will give you the knowledge to stay ahead in the future of livestock production!

**Branch Out: Explore Careers in Natural Resources (any time, repeater)** SheilAnne Smith, Casey Huffaker, and Dr. Ryer Becker *8-25 participants*

Get ready to roll up your sleeves and try out logging equipment simulators—cut, lift, and move logs like a pro! This workshop is all about exploring the awesome world of natural resources. Whether you're into forests, wildlife, fisheries, or environmental science, there's something for everyone. Come see what the College of Natural Resources has to offer and find your path in the great outdoors!

**Star Sleuths: Cracking the Case of the Perfect Interview (T aft or W morn, repeater)**

Natasha Tienhaara, Yosele Lon Perez, and Elizabeth Renn *15-25 participants*

Step into the glamorous world of Hollywood and take on the roles of stars, journalists, and detectives as you navigate a series of engaging activities designed to teach essential interview techniques. From red carpet role-plays to mock panel agent screenings, participants will learn how to ask insightful questions, present themselves confidently, and decode body language—all while solving a thrilling mystery. Join us for a star-studded adventure that combines the glitz and glamour of Tinseltown with the intrigue of a murder mystery and leave with the skills to ace any interview!

**Soil Science: The Story Beneath Your Feet (anytime, repeater)** Paul Tietz *4-20 participants*

Come and learn what soil really is...why it matters, the stories it tells, and how it's more than 'just dirt'! Hosted in the University of Idaho Soil Science Teaching Lab and featuring the famous soil monolith collection. No prior experience necessary-- all are welcome to come get your hands dirty!

**Wonders of Water (anytime)** Jim Ekins *5-20 participants*

Using activities from the 4-H Wildlife and Water Habitats Curriculum and Project WET, this workshop will be a fun, engaging, hands-on investigation into watershed science. The workshop will conclude with youth trying out water quality monitoring techniques used by field scientists around the world. This program will highlight the sorts of water-related jobs/careers that are available.

## **June 25, Wednesday 10:00am-11:45am**

### **Stronger than Stress (this time only)** Klæe O'Brien and Jamie Thorne *5-20 participants*

Join us for a workshop focused on rural mental health and empowering teens to build resilience. Participants will explore practical strategies and tools to manage daily stressors, enhancing their mental well-being. Through engaging discussions and activities, you will leave with a personalized toolkit to help you navigate challenges and thrive in your daily life.

### **Potato Block Printing (this time only)** Chelsey Lewallen *4-20 participants*

Make your own custom block print on fabric using Idaho's favorite commodity, the potato! Students will learn to carve, ink, and set a block print on cotton fabric. Take home a unique memory and fabric print!

### **Computer Resurrection (this time only)** Joe Stanley *5-10 participants*

Are you ready to transform your understanding of technology? Participants will learn the art and science of reassembling computers from the ground up. This hands-on experience will equip you with the skills to build, upgrade, and troubleshoot your own systems confidently.

### **Breads in a Flash (anytime)** Cheryl Lockard *10-18 participants*

Join us for an exciting workshop where you'll discover how to make delicious quick breads in no time! We'll guide you through simple recipes that are perfect for beginners. Get ready to mix, bake, and enjoy freshly made bread that will impress everyone!

### **Dairy Herd Health (morning repeater)** Logan Harper and Garion Leamon *10-20 participants*

You'll learn how to assess vital signs like temperature, heart rate, and respiration rate. Through hands-on practice, you'll gain the skills needed to monitor the well-being of dairy animals effectively. Plus, enjoy a tour of the UI Dairy Center to see the full lifecycle of a dairy animal and understand the importance of maintaining herd health!

### **Microscopic Insights: The World of Sheep (anytime)** Dino Vinci *10-20 participants*

Dive into the fascinating world of sheep health and biology in this hands-on workshop focused on microscopy! Participants will learn to use microscopes to examine samples, identifying parasites and bacteria that impact livestock. Perfect for animal owners or future livestock producers, this workshop will enhance your understanding of animal health at the microscopic level!

### **Exploring a Career in Veterinary Medicine (anytime, repeater)** Lauren Christensen *8-12 participants*

Embark on an exciting journey into the world of veterinary medicine! Participants will gain valuable insights into various veterinary careers while learning essential skills like suturing techniques and the fundamentals of ultrasound imaging. Whether you're considering a career in vet medicine or simply curious about the field, this workshop is the perfect opportunity to explore your passion for animal health!

**Beekeeping (morning, repeater) James VanLeuven 2-20 participants**

In this hands-on workshop you will tour our apiary and learn about the importance of managing pollinators to our agricultural system. We will explore inside an active hive and learn about the process of setting up your own bee colony.

**Agri-Quiz Bowl (morning repeater) David Callister 16 participants**

A fun competition focused on agriculture, Idaho, and food safety! Teams will compete in three rounds, with the winners facing off for the title of overall champion. This event is a great way for participants to showcase their knowledge and identify areas for future growth in their careers.

# **2025 State 4-H Teen Association Convention**

## **TOURS**

- Washington State University Veterinary School
- Schweitzer Engineering Laboratories
- Washington State University Ferdinands & Dairy
- University of Idaho Soil Stewards and Pitkin Nursery
- University of Idaho Potato Lab & Aquaculture Institute
- Latah County Courthouse & Moscow Police Department
- Gritman Medical Center & Moscow Fire Department
- Washington State University Bears & Raptors