

Nov. 11-13, 2022



# ALASKA FARM CONVENTION & TRADE SHOW

Egan Center, Anchorage, Alaska

## ALASKA AGRICULTURE

# The Future is here



Presented by:

**Alaska Farm Bureau and Western SARE**





# ALASKA FARM CONFERENCE & TRADE SHOW

**Friday, November 11**

Trade Show Stage		Room A	Room B
9 a.m.	<b>Welcome remarks.</b> Scott Mudge, Casey Matney		
9:50	<b>Division of Agriculture,</b> Mia Kirk, acting director		
10:10	<b>Successfully Sourcing Local.</b> David McCarthy		
10:45	Move to Room A		
11:00	<b>Ag Issues Competition - FFA</b>	<b>Alaska Food System Resilience Update.</b> Courtney Long, Iowa State University Extension and Outreach	<b>Rhodiola Production: a Journey, Keep Encouraged.</b> Patricia O'Neil
11:30			<b>Microbes and Peony Health.</b> Jenifer Huang McBeath
12 p.m	<b>LUNCH - Visit trade show</b>		
12:30	<b>UAF IANRE Research Update.</b> Jodie Anderson		
1:00	Move to Room B		
1:30		<b>Lending Opportunities for Alaska's Farmers and Ranchers.</b> Panel	<b>Factors That Influence Plant Nutrient Cycling in Alaska Soils.</b> Bob Van Veldhuizen
2:00	<b>AgraAbility in the Last Frontier.</b>		
2:25		<b>10 minute break — room change</b>	
2:35		<b>AFPC - 2022 Regional Food System Partnership Food Security Action Plan: Growing Connections and Building Networks for Greater Food Security.</b> Robbi Mixon and Rachael Miller	<b>Botrytis Results from WSU Trials Pre/Post Harvest.</b> Dr. Gary Chastagner
3:00	<b>Introduction to biochar in Alaska.</b> Art Nash		
3:30	<b>Soil Tunnel Demonstration SME.</b> Jeff Smeenk	<b>Break</b>	
4:00		<b>Food Security &amp; Independence Task Force Report</b>	<b>Fertigation Panel</b>
5:00	<b>Trade show doors close</b>		
6:30	<b>Banquet doors open in the La Parouse Room; dinner begins at 7 p.m.</b>		



## Saturday, November 12

	Trade Show Stage	Room A	Room B
8 a.m.	Trade Show opens & Country Financial breakfast		
9:00		Farm Bureau annual meeting. 9 a.m.-12 p.m.	
9:30			
10:00			
10:30			Accelerating Rhodiola Growth in the Early Year Carl Edwards
11:30			Birthing and Caring for Young Animals on the Farm. Joanne McCrea
12:30	LUNCH - Visit trade show vendors		
1:00	National Agricultural Statistics Update - Dennis Koong, Regional Director		
2:00		Identity and Well-Being within Alaska Food Production	Pest Management: Lygids and Thrips and Ozen t
2:30	Extemporaneous Speech Contest	Alaska Vegetable Variety Trial Program for Farmers and Gardeners: Supporting Alaskan Food Security	for pest control. Dennis Fielding, UAF
2:55	Break		
3:05		Managing Risk Through Federal Assistance Programs. Panel	Transportation Panel
3:30	Soil Tunnel Demonstration SME. Ann Fischer		
4:00	Break		
4:15		Insurance: Knowing What You Need & Understanding What You Have. Country Financial	Irrigation Panel. Darion Canelon, Lonnie Steinkamp, Ron Illingworth
4:45			
5:00	Trade show doors close		
6:00	Concert doors open (see back page for details)		

	Room C	Room D	Lobby - Youth activities
			Pine cone turkeys & games
	Care and Handling for Cut Flowers and Vase Life Performance. Garry Legnani		
			Model Horse Show checkin
ars.	Start Up and Scaling Up flower farm. Kathleen Gagan	Upcoming Soil Research at the Matanuska Experiment Farm. Caley Gasch	Agriculture popcycle craft and quizz bowl
or t	The Ins and Outs of Social Media. Kelly Shore	The Future of 4-H: Honoring the Past while Moving Forward. Eugenia Hartsook	
			Plant Science
gus rials s	Maximizing fresh flower harvest in Zone 3. Heather Henson	Strengthening ties between Alaska's mariculture and agriculture industries. Briana Murphy	
		AK Avian Influenza Summary & Biosecurity. Office of the state veterinarian	
	RipeLocker Presentation on season extension, decay control, and disinfestation. Selynn Vong	How to accept SNAP/EBT at your Farm or Farmers Market with Marketlink. Lisa Roach	
, P,	Floriculture Roundtable Discussion	AFMA - Alaska Farmers Market Management and Food Access Toolkits. Robbi Mixon & Meghan Geary	Story time

## Sunday, November 13

	Trade Show Stage	Room A	Room B
9 a.m.	Trade Show opens & welcoming remarks		
9:30			
10:00		<b>Western SARE - Grant and Programs.</b> Cayley Eller	<b>Why You Should Be a Alaska Rhodiola Grower</b> Petra Illig
10:30		<b>Northwest Farm Credit Services Ag and Rural Residential Lending Programs.</b> Jesika Harper	<b>Rhodiola Roundtable</b>
11:30		<b>Preparing for an Ag Loan with Your Lender.</b> Whitney Tatafu	
12:00	LUNCH - Visit trade show		
1:00	Prepared Public Speech Contest		
1:30			<b>Chemicals for field use, how to get approved, training and application requirements.</b> Phil Kaspari
2:30			<b>Hay &amp; Pasture production during drought.</b> Phil Kaspari
3:00			Trade show doors close

In accordance with Federal law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, it is prohibited to discriminate on the basis of race, color, sex, age, disability, and reprisal or retaliation for prior civil rights activity. (Not all prohibited bases may apply to all USDA programs and/or service providers.) Persons with disabilities who require alternative means of communication for program information (Braille, large print, plain language, audio, etc.) should contact the responsible State or local Agency that administers the program or USDA's TARGET Center at (202) 720-7777, TDD (202) 720-7777. To file a program discrimination complaint, a complainant should complete a Form AD-3027, USDA Program Discrimination Complaint Form, from any USDA office, by calling (866) 632-9992, or by writing a letter addressed to the Assistant Secretary for Civil Rights at USDA, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410; or (2) Fax: (833) 256-1665 or (202) 690-7442; or (3) Email: program.intake@usda.gov. A written description of the alleged discriminatory action in sufficient detail to inform the Assistant Secretary for Civil Rights must be submitted to USDA by: (1) Mail: U.S. Department of Agriculture, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410; or (2) Fax: (833) 256-1665 or (202) 690-7442; or (3) Email: program.intake@usda.gov.

	Room C	Room D	Lobby - Youth activities
			Skillathon
	<b>Value-Added Marketing.</b> Kathleen Gagan	<b>Results of the Alaska Apple Tree Pollinator Survey</b>	
		<b>Alaska Slug Watch and Update Relevant to Crops, Farms and Gardens</b>	
	<b>What a Florist Wants.</b> Kelly Shore	<b>Certified Weed-Free Straw in Alaska:</b> The program and areas of research at the University of Alaska to help producers	Pumpkin Fun
<b>vendors</b>			Wrap up Coloring Contest
			Quiz Bowl and Animal Learning Labs
	<b>Dried Flowers for Year Round Income in Short Season Climates.</b> Heather Henson, Boreal Blooms	<b>Growing Under Plastic: Getting the most from your high tunnel.</b> Catherine Wissner	
	<b>Tentative Floriculture annual meeting.</b> 1 hour		

and policies, this institution is prohibited from discriminating on the basis of race, color, national origin, sex, or age. (These provisions apply to all programs.) Program information may be made available in languages other than English. If you need program information (e.g., Braille, large print, audiotape, and American Sign Language) should contact the program manager at (800) 877-8339 or contact USDA through the Federal Relay Service at (800) 877-8339. To file a program discrimination complaint, you must complete the Program Discrimination Complaint Form, which can be obtained online at <https://www.ocio.usda.gov>. The letter must contain the complainant's name, address, telephone number, and a description of the alleged violation. Contact the Assistant Secretary for Civil Rights (ASCR) about the nature and date of an alleged civil rights violation. The Office of the Assistant Secretary for Civil Rights 1400 Independence Avenue, SW Washington, DC 20250-4500. This institution is an equal opportunity provider.

## Speakers

**Bob Van Veldhuizen** is a semi-retired agronomist conducting research in crops and soils with the UAF Agricultural & Forestry Experiment Station, currently based out of the UAF Matanuska Experiment Farm & Extension Center in Palmer. This season marks the 52nd year working with growers and gardeners all across Alaska with grains, oilseeds, fruit, veggies and peonies. The main goal of all that research and outreach for these crops is to improve the quantities and qualities of each crop through good stewardship of the soil environment.

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**Lori Rice** is a creature of food culture, photographer, writer, pug-lover, runner, gardner, and craft beer fan. @lori\_rice

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**Lonnie Steinke** lives in Palmer, and is a design engineer for the USDA-Natural Resources Conservation Service. He grew up on family farm in Nebraska, homesteaded by his great grandfather. He graduated from the University of Nebraska in Civil Engineering in 1993. He's been with NRCS for 20 years - eight years in Wyoming, and 12 in Alaska. Work includes survey, design, and construction of projects such as: livestock pipelines and stock ponds; land leveling; canal structures; Irrigation practices; animal waste storage and composting; stream restoration and aquatic organism passage; timber boardwalk trails for Alaska Native subsistence activities; addressing stream bank erosion on large Alaska rivers.

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**Jodie Anderson** is the director of the University of Alaska Fairbanks Matanuska Experiment Farm and Extension Center. She taught chemistry and many life sciences at the high school and college levels for 11 years in North Carolina. She moved north in 2003 and worked for UAF where she began and managed the Alaska Community Horticulture Program as well as research that focused on soil building, organic nitrogen soil supplements, compost development, and community gardening. Her work throughout Alaska afforded many opportunities to travel around rural Alaska and develop collaborations and relationships with

many teachers, growers, and communities. She is currently the UAF Institute of Agriculture, Natural Resources and Extension interim associate director and the Agricultural and Forestry Experiment Station interim director.

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**Lynsday Biehl**, the owner of Wildroot Flower Co., located in Marietta, Ohio, has over 20 years of commercial growing experience. She is a landscape horticulture graduate from The Ohio State University. Wildroot grows seasonal cut flowers from March-October. Their customers enjoy their flowers through a seasonal CSA, on-farm workshops, and a flower U-pick. Agritourism is the heart of her farm, and she loves sharing her passion for horticulture with others.



Heather Brandon has two decades in ocean policy and sustainable seafood industry development in Alaska and globally. She has conducted seafood sustainability assessments in numerous markets. She provided in-person outreach on behalf of NOAA to governments and seafood industry representatives in Indonesia, Peru, Ecuador, Vietnam, and the Philippines, and has led investigative research into illegal, unreported, and unregulated (IUU) fisheries in emerging markets.

**Gary Chastagner** is a professor of plant pathology at the Washington State University, Research and Extension Center, near Puyallup, Washington, where he has worked since 1978. He received his Ph.D. in plant pathology from the University of California-Davis in 1976. His research and extension program deals with the management of diseases on ornamental bulb cut flower crops and Christmas trees, management of sudden oak death, and factors that affect the postharvest quality and safety of cut Christmas trees. Chastagner's lab has worked on the management of Botrytis and other diseases on peonies in Alaska and the PNW since 2013. His lab is also conducting studies optimize the quality and postharvest control of Botrytis gray mold on cut peony flower stems during storage.



**Jenifer Huang McBeath** is a professor of Plant Pathology and Biotechnology, University of Alaska Fairbanks. She excels in innovative, effective and environmentally benign means of plant disease control. Her current research involves phyto biome, soil microbiome, and food security, especially nutritional food security. McBeath was recognized for her exceptional achievement in the development of lab-tested, disease-free seed potatoes for export. McBeath discovered and developed the cold-adapted *Trichoderma atroviride* (Plant Helper™), a versatile beneficial microorganism which has proved to be efficacious in the control of

a wide range of economically important plant pathogens in all climate regions. Among her many awards, she is a Fellow of the American Phytopathological Society.

**Kelly Shore** is the owner and lead designer of Petals by the Shore, a wedding and event floral design business in the Washington, D.C., area since 2011. In 2019, she founded the Floral Source to celebrate community, connection and confidence in U.S. floral sourcing. She's a proud supporter of America's flower farmers and sources the blooms and foliage she uses in designs from throughout the United States 365 days a year. She believes that the origin of flowers matters! Shore regularly works alongside flower farmers in her community to bridge the gap and strengthen relationships between floral designers and flower farmers.



**Kathleen Gagan**, owner of Peony's Envy, is a linguist and international corporate communications consultant turned lady farmer. Peony's Envy is a nursery and display garden in Bernardsville, New Jersey. They offer one of the most extensive collections of tree, herbaceous and intersectional peonies in the Northeast. Kathleen grows peonies because of their resilience, deer-resistance, and beauty. Kathleen has studied horticulture at the Barnes Foundation, and writes and lectures on peonies nationwide.

**Heather Henson** is the owner/operator of Boreal Blooms, a cut flower business in operation since 2013 in Cold Lake Alberta. Growing in Zone 3a, she serves a retail client base through bouquet subscriptions, weddings and special occasion flowers. Her passion for dried flowers allows her to meet her client's needs year round. She's also a wife, mom to 4 and attends births as a doula in the slower winter season. @borealblossoms

**Ronald Illingworth** and his wife, Marjorie, have been growing peonies on their farm in interior Alaska since 2004. Before that, Ron was faculty at UAF and a commissioned officer in the USAF. Ron has been an innovator and early adopter of new approaches to growing peonies in the sub-Arctic conditions of the Interior. Ron and Marji have 12,000 peony plants on eight acres and, the recent weather conditions over the last several years caused Ron to look for alternatives to drip irrigation which did not provide adequate moisture. In 2022, they purchased and deployed an overhead watering system that provided sufficient hydration to their plants so that they were able to keep stems viable in their chiller through mid-October, three and one-half months after being harvested.

## Speakers

**Richard Kim** holds a B.S. in Plant Pathology and Entomology, an M.S. in Plant Physiology, and a PhD in Plant Pathology. He has led research into post-harvest fungal disease at Washington State University. He lead and managed pathology projects at Pace International for more than 18 years, previous to being Director of Pathology at RipeLocker. His research contributed to the reopening of the Chinese market to Washington apples. Richard is a longtime member of the Postharvest Pathology Committee of the American Phytopathological Society and the International Society for Horticultural Science.

**Dario Canelon** is an associate professor of Extension who recently moved to Fairbanks from the University of Minnesota. Originally from Venezuela, Canelon has more than 20 years of teaching and research experience at the University of the Andes in Venezuela, specializing in soil and water engineering. He also has more than 15 years of applied research in Minnesota in agricultural water management and cropping systems modeling.

# FARM BUREAU

## CONVENTION YOUTH CORNER EVENTS

  <h1>11 NOV</h1>	<p>12-1 AG GAMES            1-1:30 KICK OFF OF COLORING CONTEST            1:30-4 AGRICULTURE QUIZZ BOWL AND ANIMAL LEARNING LAB ACTIVITIES            4-4:30 MORE COLORING CONTEST TIME            4:30-5 STORY TIME</p>
<p>9-10:30 PINE CONE TURKEYS AND GAMES            10:30 MODEL HORSE SHOW CHECK IN            11 MODEL HORSE SHOW            11-1 AGRICULTURE POPSYCLE CRAFT AND QUIZZ BOWL            1-3 PLANT SCIENCE ACTIVITIES            3-4:50 LAUNCH YOUR GARDEN            4:30 STORY TIME            ON THE STAGE AT 2:30 IS EXTEMPORANOUS SPEECH CONTEST</p>	<h1>12 NOV</h1>
<h1>13 NOV</h1>	<p>9-11 SKILLATHON            11-12 PUMPKIN FUN            12-4 WRAP UP OF COLORING CONTEST AND JUDGING            1-3 AGRICULTURE QUIZZ BOWL AND ANIMAL LEARNING LAB ACTIVITIES            ON THE STAGE AT 1:00 IS PREPARED SPEECHES</p>

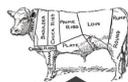
Thank you to our organizers and partners



SALCHA DELTA SOIL AND WATER CONSERVATION DISTRICT



AUTO | HOME | LIFE | BUSINESS | RETIREMENT



Mid Town Market

1501 South Cushman Fairbanks, AK 99701  
 997-374-0224



**AKAgrAbility**



# THE BIG DRAW COLORING CONTEST

Sponsored by Alaska 4-H and Alaska Farm Bureau

Come participate in a fun agriculture coloring contest! Younger youth 12 and under will be given coloring pages to color. Older youth will design an agriculture scene and color it.

DRAWING CONTEST | PRIZES

CONTEST IS IN TRADESHOW WITH A \$5 ENTRY FEE.

STARTS  
**11**  
NOVEMBER

EGAN CENTER  
555 W 5TH AVE.  
ANCHORAGE, AK  
99501

RUNS FROM  
1-1:30 AND 4-4:30  
YOU MAY PICK UP COLORING  
SHEETS THROUGHOUT THE  
WEEKEND THOUGH.

JUDGING WILL BE ON SUNDAY AT 12:15 P.M.

Accommodation requests related to a disability should be made five business days in advance to Maria Lowder at 907-474-2427 or mlowder@alaska.edu. Language access services, such as interpretation or translation of vital information, will be provided free of charge to limited English proficient individuals upon request. UAF is an Affirmative Action/Equal Opportunity employer, educational institution and provider and prohibits illegal discrimination against any individual. www.alaska.edu/extension

# Extemporaneous Speech Contest For Ages 8-18



**LIVE!**  
Come out and test your speaking skills! Ages 8-18 invited! Subjects will be agriculture related. You will have 10 minutes to prepare and then your speech needs to be 5-8 minutes.



November  
**12**  
Saturday

Check in starts at 2:00 p.m. and speeches start at 2:30 p.m.

Presented by  
*Alaska 4-H and Alaska Farm Bureau*

Egan Center  
555 W. Fifth Ave.  
Anchorage, AK 99501

To register, parents need to email [mklowder@alaska.edu](mailto:mklowder@alaska.edu) with name and age of youth. Questions? Call 907-474-2427. Contest is in Tradeshow with a \$5 entry fee.

Prizes and Fun!

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**FUN AND PRIZES**

Join us for a **MODEL HORSE SHOW**

Classes will be English Equitation and Western Trail

**Ages 5-18**

Three age categories: 5-8, 9-13, 14-18

Saturday, Nov. 12, 2022  
Check in/registration is 10:30-11 a.m. and judging starts at 11 a.m. at the Egan Center, 555 W. Fifth Ave., Anchorage, AK 99501  
Contest is in Tradeshow with a \$5 entry fee.

To learn more about model horse shows, check out: <http://unoc4-horse.com/present/uploads/2019/05/Model-Horse-Show-Information.pdf> or call Maria Lowder at 907-474-2427.

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# Prepared Speech Contest For Ages 8-18



**LIVE!**  
Come out and test your speaking skills! Ages 8-18 invited! Subjects will be agriculture related. Your speech needs to be 5-8 minutes and the topic is "Alaska Agriculture: The Future is Here".



November  
**13**  
Sunday

Check in starts at 12:30 p.m. and speeches start at 1 p.m.

Presented by  
*Alaska 4-H and Alaska Farm Bureau*

Egan Center  
555 W. Fifth Ave.  
Anchorage, AK 99501

To register, parents need to email [mklowder@alaska.edu](mailto:mklowder@alaska.edu) with name and age of youth. Questions? Call 907-474-2427. Contest is in Tradeshow with a \$5 entry fee.

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# Filipe Masetti Leite

*Long rider, best-selling author and filmmaker*

**6 p.m., Thursday**  
**Nov. 10**  
 at the  
**Egan Center**



Filipe Masetti Leite is a world-renowned Long Rider, award-winning journalist, and best-selling author. The Brazilian born cowboy is the youngest person in the world to cross the Americas on horseback and a fellow of the Royal Geographical Society. In 2020 he was chosen as the Calgary Stampede's Grand Marshal and 'white-hatted' by Mayor Naheed Nenshi. He is the author of the international best-sellers, Long Ride Home (soon to be a motion picture), Long Ride to the End of the World and Last Long Ride, published in Portuguese (Harper Collins) and English (Exparte Press), soon to be released in Spanish. Filipe has just released his feature Documentary, The Long Rider, on Super Channel and Amazon Prime Canada. The film which tells his 8-year ride from Alaska to Ushuaia, Argentina has garnered 12 international awards and received much acclaim from critics!



[bit.ly/3WAr9uM](https://bit.ly/3WAr9uM)

ALASKA FARM BUREAU PRESENTS:  
**FARM STOCK**  
 A BENEFIT CONCERT FOR FARMERS & RANCHERS OF ALASKA

FEATURING:  
 COUNTRY ARTIST  
**JENNY TOLMAN**  
**NOVEMBER 12TH**  
 @ Egan Civic & Convention Center Anchorage, Alaska  
 Doors Open @ 6 PM

**PLUS**

ALASKA'S FAVORITE  
**THE KEN PELTIER BAND**  
 TICKETS ON SALE @  
[www.alaskafb.org](http://www.alaskafb.org)

# Jenny Tolman & The Ken Peltier Band

Join us for a night filled with great music, country music's own Jenny Tolman and her band will be performing live, followed by Alaska's favorite, The Ken Peltier Band. All proceeds from the concert will go to building programs and services to help our farmers and build a more sustainable and reliable local food supply. Alaska's farmers produce roughly 5% of food Alaskans purchase. That number is very low and shows how vulnerable we are when it comes to the food supply. Our goal is to help give Alaska's farmers and ranchers more resources to help feed Alaskans.

