

Date/time	Workshop Session	Presenter
<p>Wednesday April 15, 2020 @ 6:00 PM – 6:45 PM</p>	<p><b>"Patterns on the Land, Sustainable Landscape Design for Southeast Alaska"</b>  owners of Landscape Alaska, Dave &amp; Margaret will be speaking on Patterns on the Land, sustainable landscape design for southeast Alaska"</p> <p>The most important realization is that landscape maintenance should drive landscape design, the original cost of installing a landscape is only a small fraction of what it costs to maintain that installation. For instance, the most expensive landscape feature to maintain is turf, it requires constant attention to keep it nice, and it only looks good if it's well maintained.</p> <p>The low maintenance mantra for Southeast Alaska is "No Open Space' since the wild competition is so vigorous. We take the native landscape at Eagle Crest as our model, masses of shrubbery so dense that the light is cut off to the soil surface, it inhibits the establishment of weedy competition, and if any does grow, it is not visible. We use species that grow larger than the competition, and selections that have the growth pattern that develops many stemmed thickets so they create the desired effect. The other realization is that all the wild landscape grows in a thin layer of organic material that sits on top of inhospitable subsoil. The non-frost sensitive fill (NFS) that is used as building site foundation material is very similar to that left behind by the glaciers, and very little grows in that except weeds, alders, and willows. More developed areas are growing in another</p>	<p><b>David Lendrum</b> is a professional horticulturist working all over Southeast Alaska, raised in the agricultural life of his parents organic you pick farm in California, he began working in nurseries at 14 and discovered the fascinating world of plant management, propagation, and cultivation. He operated a row crop farm in the highlands of Ecuador, opened his first nursery field growing perennials in Oregon, worked as a propagation technician for a high temperature photosynthesis research facility at Stanford, and as a grower for a Rhododendron nursery in the Willamette Valley  Moving to Juneau in the early 80's with Margaret Tharp, they began Landscape Alaska, one of the first nurseries in Southeast Alaska.</p> <p>Meeting and sharing with pioneer gardeners and farmers they learned how to manage the particular conditions and environments of this fascinating world, those experienced and practical growers really did it old school, and they were willing to share. Gardening and horticulture is really a community building process, it helps us have better lives, get to know our neighbors, and share what we all learn.</p> <p>David is now Landscape Superintendent for the University, and with Margaret, broadcasts "Conversations with Alaska Gardeners" a radio call in show that, during the gardening season, is heard all over the Southeast Archipelago. Staying abreast of current developments and researching historical techniques that are once again appropriate, he's endlessly fascinated by the world of Horticulture, and is eager to share.</p> <p><b>Margaret Tharp</b> grew up in an environment of formal gardens set against the wild world, her love of the landscape and her passion for the natural world is what</p>

	<p>material, the accumulated organics left by centuries of growth and decay. This will include plant choices and construction techniques applicable in our unique environment.</p>	<p>brought her to Alaska. Margaret Tharp MLA is Landscape Alaska, she along with horticulturist David Lendrum, designs, manages and directs all work on the sites. She is a Master of Landscape Architecture from the University of Oregon, and does this work because she loves it. Beginning with residential work, she has grown into a designer working at all scales. She has years of experience in this field, including designing the landscape for Thunder Mountain High School, installing the landscape for the new State Museum, renovating and maintaining the largest landscape in Juneau at the Parkshore Condominiums, and most recently designing and installing the landscape around the Alaska Capitol Building.</p> <p>Her design for the Juneau Police Station which was an example of her Masters work "Salvaging and Reusing the Native Landscape in Juneau Alaska" is the only time a landscape design was selected as the 1 % for Art in the history of the program.</p> <p>Her residential design work exemplifies the same environmental care and attention to detail as her public work. Examples include Ginger Johnsons flower filled spectacular home on Fifth st in Douglas, The Zack home above the beach in West Juneau, and Jo Pegues home on Mint Way. She has changed the way landscapes are built in our environment, and her program will reflect on that process</p>
<p>Wednesday April 15, 2020 @ 7:00PM- 7:45PM</p>	<p><b>"Growing Fruit Trees in High Tunnels"</b> Please join Hoonah-based farmer, Rob Bishop with "Alaska Apple farms," for a presentation on growing organic fruit in high tunnels. After 10 years of growing fruit trees, Rob will give testimony to his high tunnel experiences, will present on how to grow and maximize large fruit</p>	<p><b>Rob Bishop</b> is a graduate of Juneau Douglas High School and UAS with a degree in Construction Technology and Building Science. On October 2007, Rob and his wife moved to Game Creek Community Farm on the outskirts of Hoonah, Alaska. He began Game Creek Construction in 2008 to support his family and is still involved in general contracting within the rural communities. With an interest in local fruit, he began growing fruit trees in the summer of</p>

	<p>yield while maintaining small trees and will discuss proven varieties for our areas.</p>	<p>2008. Much of his inspiration came from observing the many laden fruit trees throughout neighboring properties.</p> <p>The taste of local apples and cherries surpassed all store-bought quality fruit and created an inspiration to plant orchards within Southeast despite over-coming many obstacles from rodents, bears, incorrect apple varieties for our area, and human error. Thanks to "You Tube" videos and experimentation, he mastered grafting and began replication local trees that would prove worthy of their keep by way of flavor and production. Rob's passion for fruit trees has now developed into a new business, "Alaska Apple Farms." Rob states, "it is our greatest desire to share what we've discovered as we endeavor to pioneer sustainable inspirational fruits for rural Alaskans." To learn more about fruit growing in southeast, please visit: <a href="http://alaskaapplefarms.com">alaskaapplefarms.com</a></p>
<p>Friday April 17, 2020 @ 6:00 PM – 6:45 PM</p>	<p><b>"Raised Beds"</b> How to build and fill a new raised bed which may include some elements of lawn reduction surgery. Improving the soil in existing beds and sharing growing techniques to increase yields with multiple crops in a season. Using a simple hoop house to warm the soil and further increase production of these beds for certain crops.</p>	<p><b>Ed Buyarski</b> was transplanted from Upper Michigan through Southern Idaho to Alaska in 1983 after a visit in 1977 via bus, train, ferry and thumb. He and his wife Janis raised two children in Alaska and now visit them in California and pick fruit in the winter with their grandchildren. Ed has been gardening in Southeast Alaska since 1984 in Wrangell, Petersburg, Sitka, Juneau and Haines. He started his business-Ed's Edible Landscaping-to give people a chance to have beautiful as well as tasty plants in their yards.</p> <p>Many fruits and berries have been planted with success resulting in a lot of fresh eating, jams, jellies and pies over the years. Growing and propagating many varieties of Primulas has become another profitable part of his business. He has grown over a hundred varieties of potatoes and several dozen different garlic cultivars in past gardens. Ed is a past President of the American Primrose</p>

		Society as well as Southeast Alaska Master Gardeners and enjoys teaching gardening classes. He has volunteered for Alaska Public Radio as a host of Garden Talk on KTOO in Juneau and KFSK in Petersburg.
Friday April 17, 2020 @ 7:00PM- 7:45PM	<p><b>"Unique and Flavorful Rhubarb: Preliminary Research Results"</b></p> <p>David Love has received two Specialty Crop Grants through Alaska Division of Agriculture to:</p> <ol style="list-style-type: none"> <li>1) study production, storage, and preliminary market analysis of 4 hard neck garlic varieties grown on farms from Ketchikan to Haines and,</li> <li>2) research the production, survival and growth, and market acceptance of unique and flavorful rhubarb varieties grown on 4 farms from Petersburg to Haines. David will be talking about preliminary results of the Rhubarb Specialty Crop Grant research. These projects would not be possible or successful without the help of the other Southeast Alaska growers who have, and are, collaborating on the research. Thanks especially to Joe Orsi, Andy Piston, Ed Buyarski, Sally Boisvert, Bo Versa no and Marja Smets.</li> </ol>	<p><b>David Love</b> is a biologist and Master Gardener, who has been gardening in Southeast Alaska since about 1995. Beginning in 2012, he and his lovely wife Nikki, began growing garlic, carrots, potatoes and rhubarb for sale from their micro-farm in Gustavus.</p>
Wednesday April 22, 2020 @ 6:00 PM – 6:45 PM	<p>EARTH DAY</p> <p><b>"Growing produce for Juneau: A worthy endeavor or a fool's errand?"</b></p> <p><b>Joe Orsi</b> (moderator, Orsi Organic Produce), Juneau Community Garden (<b>Bob Trousil, Sharon Fleming, Joel Boss</b>), Juneau Greens (<b>John Kraypek</b>), Panhandle Produce (<b>Eli and Kylie Wray</b>), and Salt and Soil Marketplace (Colin Peacock).</p>	<p><b>Joe Orsi</b> has been a past president of the Southeast Alaska Master Gardeners and helped out with the startup of Juneau's first Community garden. His interests include experimenting with different crop varieties and growing produce on a larger scale to help Juneau become more sustainable. He enjoys sharing information with others to enable them to be more successful at growing produce in out challenging and short growing season. He has grown produce in Juneau for over 35 years, commercially for the past 12 years as Orsi Organic Produce, a Certified Naturally Grown farm.</p>

	<p>Juneau produce growers have recently experienced increased sales opportunities within our community. Are we experiencing a "Juneau grown" food movement, and if so, should additional growers jump onboard? This interactive session is aimed at reviewing Juneau's local food movement from the perspective of both produce growers and other market players. The session will begin with a dialogue among a local panel comprised of commercial produce growers, sellers/distributors, and other market players.</p> <p>The session will end with discussion of some key questions related to growing food in Juneau, such as: 1) How can the Juneau community encourage more produce growers or increase production?; 2) Are there any new or profitable market niches for growers/sellers?; 3) What is the future outlook for food production in Juneau based on market trends?; 4) Is growing/selling produce a viable enterprise?; and 5) How will CoVid-19 Impact future markets? (Discussion facilitated by Sarah Lewis)</p>	<p><b>Colin Peacock</b> is the Local Foods Coordinator at the Southeast Alaska Watershed Coalition. He started the Salt &amp; Soil Marketplace which offers fresh, seasonal local food to Juneau residents year-round. He is originally from Tucson, AZ. He graduated from the California Culinary Academy in 2003 with an Associates Chef's degree. He went on to lead conservation biology field programs and earned Bachelor's degree in Conservation Biology from Clark University in 2011.</p> <p>After graduating, he changed course once again to peruse the life of a photographer. Colin used his marketing and photojournalism skills to help sustainable development projects, local food organizations, and non-profits achieve greater results through media and marketing. Culminating in 2016, where he launched a sustainable development company of his own in the rural high plains of Peru, Kai Pacha Foods"</p>
<p>Wednesday April 22, 2020 @ 7:00PM- 7:45PM</p>	<p>EARTH DAY</p> <p><b>"Growing Crops "Undercover": High Tunnel and Greenhouse Experiences"</b></p> <p>Joe Orsi (Moderator, Orsi Organic Produce), Ed Buyarski (Ed's Edible Landscape), David Love (Root Cellar Farms), Will Murray (USDA), and Eli Wray (Panhandle Produce)</p> <p>This session will be an open discussion of what has worked and not worked when growing crops undercover. Audience participation and questions are encouraged. The Natural</p>	

	Resources Conservation Service (NRCS) will also discuss the High Tunnel grant program in Southeast Alaska. NRCS can help producers integrate high tunnels into their operations and provide financial assistance through the Environmental Quality Incentives Program	
Friday April 24, 2020 @ 6:00 PM – 6:45 PM	<p><b>"All About the Basil (and Other Fabulous Herbs)"</b></p> <p>Fresh herbs in Southeast Alaska stores are typically both expensive and of poor quality, having traveled quite a distance to get here. There are a few exceptions as entrepreneurs and small growers begin to sell herbs to consumers and grocery stores. these local herbs are fresh and of high quality, and a great alternative to growing your own... but starting your own herb garden is fun and delicious, too! In this presentation you will learn to quickly and easily preserve your precious herbs in fun and tasty ways, from vinegar infusions to culinary salts and fancy sugars.</p>	<p><b>Sarah Lewis -UAF/CEST</b> AIA, MSW is the Health, Family, and Community Developments Agent for the Juneau District of the University of Alaska Cooperative Extension Service. She teaches local food preservation and entrepreneurship</p>
Friday April 24, 2020 @ 7:00PM- 7:45PM	<p><b>"Climate Trends Affecting Gardeners"</b></p> <p><b>"The Science and Mystique of Weather Forecasting in Southeast Alaska "</b></p> <p>National Weather Service /NOAA</p>	<p><b>Cody Moore</b> has been living in Southeast Alaska for about a year. Prior to moving to Southeast Alaska area he lived in Louisville, KY for almost 13 years where he attended the University of Louisville and graduated with a degree in Atmospheric Science in 2017. Cody says his passion for the weather started at a very young age. "I knew I wanted to be a meteorologist since I was about 5 years old. Growing up on Long Island, my passion for the weather began as I experienced strong thunderstorms in the summer to intense blizzards in the winter." His fascination for the weather continued as he moved to the Midwest and Ohio</p>

		<p>Valley where he experienced droughts, floods, winter storms, and severe weather. "Moving to Alaska has been a lifechanging adventure. Since moving here, I have been able to hike up mountains, explore Southeast Alaska, and go places I never thought I'd be able to visit. At work, I have quickly been learning about the climate and the weather patterns in this complex region. From Taku Winds to strong winter storms to extreme droughts, the weather here has kept me very busy over the past year. I learn something new every day about the fascinating weather in Southeast Alaska."</p> <p><b>Caleb Cravens</b> began working for NOAA National Weather Service in July of 2019. Born and raised in the rural area of Sparta, Tennessee, agriculture played a big role in the community. In a town full of family owned farms, he helped operate his own families' farm where they grew 100 plus acres of soybeans and raised cattle. After graduating high school, Caleb moved to Starkville, Mississippi to attend Mississippi State University. Caleb studied the field of atmospheric science along with additional studies in geography and communications, earning a bachelor's degree in Atmospheric sciences with a focus in Operational Meteorology, in May of 2018. Caleb say "My passion for weather started at a young age. growing up on a farm while also being an avid outdoors man, I quickly realized how big of an impact weather can have on day to day operations. while you may not realize it, weather affects everyone every day. When you get out of bed, how do you know what to wear? You usually check the forecast to see what type of weather is expected. this idea of people and weather having constant interaction with one another is whet drew me to study and pursue a career in Meteorology."</p>
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<p>Wednesday April 29, 2020 6:00 PM – 6:45 PM</p>	<p><b>"Integrated Weed Management for the Master Gardener"</b></p> <p>Weed management comes with many challenges that are complicated by the biology of hard to kill species like hawkweeds and knotweeds, and the limitations such as non-chemical or least cost imposed by the person managing the weeds. We will go over the principles of Integrated weed management, how to address your objectives within the methods you are comfortable with.</p>	<p><b>Geno Graziano</b> is an invasive weeds specialist with the integrated pest management program. Within this area he works with gardeners, agricultural producers, and land managers to identify priorities and control practices that meet their land management objectives. His passion is wildland weed management, and he has lately emphasized on the good and bad aspects of herbicide fate, management of the European bird cherry (<i>Prunus padus</i>), and will soon be exploring the use of a biocontrol to manage Japanese knotweed in Southeast Alaska. Outside of work Gino is a passionate gardener growing the majority of carrots, potatoes, and peas his family eats in addition to many of the other staple crops common to Alaska gardens. You would likely be appalled to know he struggles with chickweed too. What could you learn from this guy? The view of his garden is deceiving because the</p>



		threshold for tolerance varies depending on the crop, time needed to recreate versus manage, and willingness to use herbicides on only plants like orange hawkweed that unequivocally need them when removal is desired.
Wednesday April 29, 2020 7:00PM- 7:45PM	<b>"Yard and Garden Insects"</b>  This presentation will cover the good, the bad, and the bugly of what you might find in your yard and garden. Learn to ID common insects and what you might want to do about them.	<b>Jessie Moan</b> is a forest entomologist with UAF's Cooperative Extension Service in Anchorage. Most of her work centers around working with homeowners and landowners to identify plant health problems and finding solutions to manage them. Her work interests include invasive forest pests, biological control, and insect outbreak dynamics. Her personal insect interests involve insects that do "weird" or "gross" things (see also: biological control, sometimes).
Friday May 1, 2020 6:00 PM – 6:45 PM	<b>"Earth Worms- Garden Good Guys or Eco Invaders"</b>  Reporting on, identifying and providing methods to encourage earthworms in our gardens, vermicomposting best practices and determining their real threat to Southeast Alaska's natural world	<b>Darren Snyder</b> University of Alaska, Associate Professor of Extension, has been gardening in Juneau since arriving in 1995 and has learned quite a few ways to kill plants along the way. Since 2008, Darren has been working as an Extension Agent providing agriculture/Horticulture and 4-H youth development programs in Southeast Alaska through; basic gardening and Master Gardener courses; creating and supporting community and school gardens; supporting the local food movement producers and markets; helping found and operate the Alaska Food Policy council; create emergency food preparation tools; providing outdoor skills and harvest camps and more. Warning: If it has to do with food, Darren's going to try to help!
Friday May 1, 2020 7:00PM- 7:45PM	<b>"Gardening for Pollinators -The Birds, The bees and The Beetles"</b>  If you are not seeing many pollinators in your garden maybe you should reconsider what flowering plants you have selected. Come and learn what types of pollinators are found in our	<b>Deb Rudis</b> is a wildlife biologist, retired from the US Fish & Wildlife Service where her work included promoting pollinator surveys on National Wildlife Refuges in Alaska. She has gardened in Juneau for 30 years. Her perennial flower beds are designed to improve habitat for local pollinators.

	area and how to provide for them in our gardens. You will also discover what flowers have no value to our local pollinators and what can harm these beneficial species.	
Wednesday May 6, 2020 6:00 PM – 6:45 PM	<b>"New and Exciting, Classic and Applicable, Fascinating Developments in the World of Horticulture "</b>	<p><b>David Lendrum</b> is a professional horticulturist working all over Southeast Alaska, raised in the agricultural life of his parents organic you pick farm in California, he began working in nurseries at 14 and discovered the fascinating world of plant management, propagation, and cultivation. He operated a row crop farm in the highlands of Ecuador, opened his first nursery field growing perennials in Oregon, worked as a propagation technician for a high temperature photosynthesis research facility at Stanford, and as a grower for a Rhododendron nursery in the Willamette Valley</p> <p>Moving to Juneau in the early 80's with Margaret Tharp, they began Landscape Alaska, one of the first nurseries in Southeast Alaska. Meeting and sharing with pioneer gardeners and farmers they learned how to manage the particular conditions and environments of this fascinating world, those experienced and practical growers really did it old school, and they were willing to share. Gardening and horticulture is really a community building process, it helps us have better lives, get to know our neighbors, and share what we all learn.</p> <p>David is now Landscape Superintendent for the University, and with Margaret, broadcasts "Conversations with Alaska Gardeners" a radio call in show that, during the gardening season, is heard all over the Southeast Archipelago. Staying abreast of current developments and researching historical techniques that are once again appropriate, he's endlessly fascinated by the world of Horticulture, and is eager to share.</p>

		<p><b>Margaret Tharp</b> grew up in an environment of formal gardens set against the wild world, her love of the landscape and her passion for the natural world is what brought her to Alaska.</p> <p>Margaret Tharp MLA is Landscape Alaska, she along with horticulturist David Lendrum, designs, manages and directs all work on the sites. She is a Master of Landscape Architecture from the University of Oregon, and does this work because she loves it. Beginning with residential work, she has grown into a designer working at all scales. She has years of experience in this field, including designing the landscape for Thunder Mountain High School, installing the landscape for the new State Museum, renovating and maintaining the largest landscape in Juneau at the Parkshore Condominiums, and most recently designing and installing the landscape around the Alaska Capitol Building. Her design for the Juneau Police Station which was an example of her Masters work "Salvaging and Reusing the Native Landscape in Juneau Alaska" is the only time a landscape design was selected as the 1 % for Art in the history of the program.</p> <p>Her residential design work exemplifies the same environmental care and attention to detail as her public work. Examples include Ginger Johnsons flower filled spectacular home on Fifth ST in Douglas, The Zack home above the beach in West Juneau, and Jo Pegues home on Mint Way. She has changed the way landscapes are built in our environment, and her program will reflect on that process</p>
<p>Wednesday May 6, 2020 7:00PM- 7:45PM</p>	<p><b>"Exploring the World for Hardy Rhododendrons"</b></p> <p>Steve will be showing images and discuss various aspects of many of his plant hunting trips to Asia including the discovery of new species and many interesting companion plants.</p>	<p>Steve Hootman is the Executive director and Curator of the Rhododendron Species botanical garden in federal Way, WA where he has been a employee since 1992. Steve has led or participated in over 20 expeditions into the remote regions of China, the Himalayas, Vietnam and Papua New Guinea in search of new and interesting plants. Steve is widely published and has provided lectures to</p>

	He will show images of the beautiful mountains and other scenery including the habitats of various plants.	interested people all around the world. He has introduced dozens of species into cultivation and has collected numerous taxa that were completely new to science and is considered one of the top experts in the world on the genus Rhododendron.
Friday May 8, 2020 6:00 PM – 6:45 PM	<p><b>"The Wow Factor; Beyond being Pretty! Growing and using Edible Flowers"</b></p> <p>Experience and knowledge not required in edible flowers or culinary skill level as you are bound to find something new and interesting at this presentation. Pat will be sharing growing tips and ideas for turning your back yard pretties into culinary wonders that will wow your friends and guests. An energetic speaker who often presents to the local gardening clubs and organizations in the Juneau area; Pat engages her audience with humor and visual guides and welcomes participation</p>	<p><b>Patricia Hartman (Pat)</b>, past President of the Southeast Alaska Master Gardeners Organization</p> <p>Experience and knowledge not required in edible flowers or culinary skill level as you are bound to find something new and interesting at this presentation. Pat will be sharing growing tips and ideas for turning your back yard pretties into culinary wonders that will wow your friends and guests. An energetic speaker who often presents to the local gardening clubs and organizations in the Juneau area; Pat engages her audience with humor and visual guides and welcomes participation. Pat is a plant aficionado, world traveler, and active member of the SEAK Master Gardeners, Juneau Garden Club, Friends of the Jensen Olson Arboretum, President of the Juneau Primrose Chapter and sits on the board of the American Primrose Society.</p>
Friday May 8, 2020 7:00PM- 7:45PM	<p><b>"Grow Your Soil"</b></p> <p>Soil basics, soil quality, soil sampling, building your soil, and nutrient management will be discussed in this presentation.</p>	<p><b>Samia Savell</b> is a soil nerd who has been living and gardening in Juneau for about 18 years – the same amount of time she has worked for the USDA Natural Resources Conservation Service, helping private landowners throughout southeast Alaska conserve natural resources on agricultural and forest land. Professionally, she works with forest landowners to improve conditions for wildlife and traditional/subsistence resources that thrive in our temperate rainforest, and with agricultural landowners to help them conserve resources while they grow crops in our somewhat challenging region. Outside of work she loves spending time outdoors with her family.</p>

