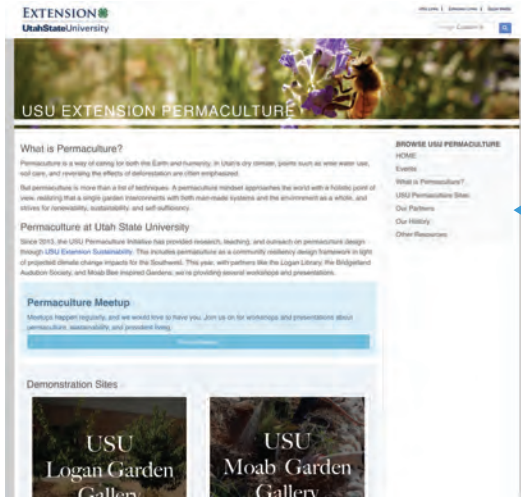


USU PERMACULTURE INITIATIVE 2018 IMPACTS

EXTENSION
Utah State University

EXTENSION.SUSTAINABILITY.USU.EDU

Dr. Roslynn Brain McCann, Hilary Shughart, and Esther Davis



Official partnership created between the USU Permaculture Initiative and Bridgerland Audubon Society



permaculture website completely redesigned (permaculture.usu.edu)

permaculture garden sign designed and installed

participants engaged in educational workshops

Donated to garden volunteers and community members:



18 volunteers completed
93.5 service hours

6 LBS apricots donated to the Cache Community Pantry & garden volunteers

8 refugee families received weekly garden harvest until August 1 through Little Bean Community Garden

316.25 AmeriCorps internship hours completed

26 LBS windfall as feed for wild birds (taken primarily by magpies and finches)

101 members as part of USU Permaculture Meetup online group (up from 32 members as of February 24, 2018)

Donated to USU's Campus Kitchen program:

4 LBS Elderberries

21 LBS Peaches

28 LBS Nectarines

(All USU students are eligible to receive garden harvest through this program, which collects food that can no longer be sold/used in restaurants, stores, etc., and uses this to make meals for students and members on campus and in Cache Valley. Fruit harvested from permaculture garden weekly from August 1 on)

2018 PERMACULTURE SERIES EDUCATIONAL WORKSHOPS

WORKSHOP	INSTRUCTOR(S)	LOCATION	# OF PARTICIPANTS
FEBRUARY 2018			
USU Permaculture: Learn How to Prune Fruit Trees with Local Expert Shane Richards	Davis, E., Richards, S., & Brain, R.	USU Permaculture Initiative Workshop, Logan, Utah	39
Introduction to Permaculture Design and its Application in the Desert Southwest	Brain, R.	Carbon County Master Gardeners Presentation, Price, Utah	40
MARCH 2018			
Audubon Armchair Garden Series 2018: Native Woody Plants with Larry Rupp	Larry Rupp	Jim Bridger Room, Logan Library, Logan, Utah	19
Professor Valley Field Camp Bee Inspired Garden Curriculum	Brain, R.	Workshop delivered to Canyonlands Field Institute educators, Professor Valley, Utah	14
USU Permaculture: Improving your Perspective of Gardens	Braithwaite, L., Davis, E., & Brain McCann, R.	USU Permaculture Initiative Workshop, Logan, Utah	30
USU Permaculture Initiative & Sustainable Living	Brain, R.	Presentation delivered to the National Civilian Community Corps, Professor Valley, Utah	20
APRIL 2018			
Sustainable Agriculture in Europe	Reeve, J., Davis, E., & McCann, R.	USU Permaculture Initiative Workshop, Logan, Utah	6
Onsite Water Harvesting	McCann, R.	Urban Homestead Expo, Jordan Valley Water Conservancy Garden Park, Utah	30
Introduction to Permaculture	McCann, R.	Urban Homestead Expo, Jordan Valley Water Conservancy Garden Park, Utah	18
Native Seed Planting, Upcycling, and Permaculture with USU Extension Sustainability	Blankinship, L., Davis, E., & Brain, R.	Tabled at USU's Earth Day, Logan, Utah	150
Audubon Armchair Garden Series 2018: What Trees Do for Us with Mike Kuhns	Mike Kuhns	Jim Bridger Room, Logan Library, Logan, Utah	25
MAY 2018			
Spring Pollinators	Core, C., Brain, R., & Lynch, J.	Bee Inspired Garden table provided at the Moab Farmers Market, Moab, Utah	30
USU Permaculture: Planting Lasagna Gardens	Davis, E. & Brain, R.	USU Permaculture Initiative Workshop, Logan, Utah	8
Audubon Armchair Garden Series 2018: Low Water Landscapes with Adrea Wheaton	Adrea Wheaton	Jim Bridger Room, Logan Library, Logan, Utah	10
Bee Inspired Bike Tour	Linford, R., McCann, R., Potucek, A., & Hamborsky, S.	Bee Inspired Gardens educational tour, Moab, Utah	12

WORKSHOP	INSTRUCTOR(S)	LOCATION	# OF PARTICIPANTS
JUNE 2018			
Building Habitat for Bees	Lynch, J., McCann, R., Adams, J., & Etchberger, R.	USU Moab Permaculture Gardens, Moab, Utah	20
Audubon High Desert Garden Tour & USU Edible Landscape Tour with Hilary Shughart	Hilary Shughart	Provided as a partnership with the Bridgerland Audubon Society and Logan Library, Logan, Utah	80
Audubon Armchair Garden Series 2018: Meadow Lawns with Paul Johnson	Paul Johnson	Jim Bridger Room, Logan Library, Logan, Utah	25
Audubon Armchair Garden Series 2018: Landscaping in Utah with Cynthia Nielson Bee	Cynthia Nielson Bee	Jim Bridger Room, Logan Library, Logan Utah	75
JULY 2018			
Audubon Armchair Garden Series 2018: Secrets of the Soil with Joe Montoya	Joe Montoya	Jim Bridger Room, Logan Library, Logan, Utah	27
AUGUST 2018			
Onsite Water Harvesting and Permaculture in Moab	Choate, J., Brooks, S. & Brain, R.	Monticello College's Permaculture Design Certification, Monticello, Utah.	13
Audubon Armchair Garden Series 2018: Logan City Low-Water Garden with Aaron Smith	Aaron Smith	Jim Bridger Room, Logan Library, Logan, Utah	16

Onsite Water Harvesting



13 Participants "definitely" plan to use some of the information shared

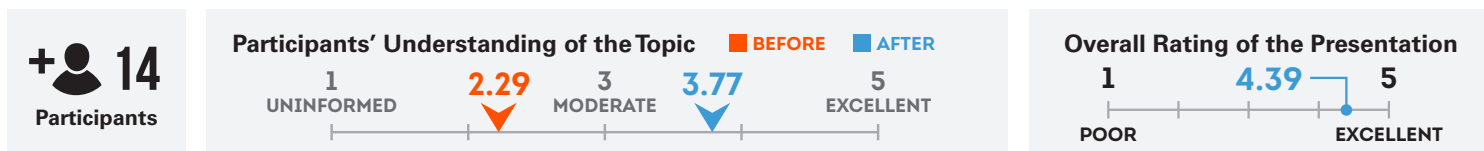
5 "probably" **4** "maybe" **0** "never"

When asked "What are you planning to do," select participant responses included:

"Collect water in tank - use permaculture to slow flow in landscape - grey system?"

"Work with clients and myself;" "Use landscaping to maximize rainwater use, eventually a basin," and "Add a gutter and tank system."

Introduction to Permaculture



13 Participants "definitely" plan to use some of the information shared

1 "probably" **0** "maybe" **0** "never"

When asked "What are you planning to do," select participant responses included:

"Use with my clients," "Plant within zones," "Redesign yard for water efficiency, food plants, etc," "Remove more grass," "Permaculture zone evaluation," "Use permaculture in designing yard/garden," "Use more plant groundcover," and "Swales."



Native Seed Planting, Upcycling, and Permaculture with USU Extension Sustainability

Established 29 signups for our USU Permaculture Meetup group and joining social media.

USU Permaculture: Learn How to Prune Fruit Trees with Local Expert Shane Richards

"I now feel confident that we know how to move forward in pruning trees! I also understand why it is necessary, and I understand a little bit on how pruning differs between tree varieties. So I know we need to prune our fruit trees differently. We also want to buy specific varieties the presenter suggested."

Introduction to Permaculture Design and Its Application in the Desert Southwest

"Thank you so much for coming to Price! Your presentation was so exciting! My husband and I have been talking about it all week. It gave me a lot to think about and communicate to our youth in the teen program, as they will be the caretakers of our garden this summer." - Olivia Dudding



UPCOMING EDUCATIONAL WORKSHOPS

UPCOMING EDUCATIONAL WORKSHOPS:

OCTOBER 2018

Audubon Armchair Garden Series 2018: Around the World in 40 Gardens with Ben George

Moab Festival of Science: Permaculture Tour with Roslynn McCann

NOVEMBER 2018

Audubon Armchair Garden Series 2018: Introduction to Permaculture with Roslynn Brain McCann

DECEMBER 2018

Audubon Armchair Garden Series 2018: Gardening for Native Bees in Utah with Jim Cane

BOOK CHAPTERS

Brain, R., Lynch, J., & Adams, J. (anticipated publication, Dec. 2018). Mitigating projected impacts of climate change and building resiliency through permaculture. In Lachapelle, P.R., and D. Albrecht. (eds.) Addressing Climate Change at the Community Level in the United States. Community Development Research and Practice Series, New York: Routledge.

2018 NEWSPAPER AND NEWSLETTER FEATURES

July 11. Redesigning green spaces into more diverse bee spaces. Quoted on Utah Public Radio. Retrieved from: upr.org/post/redesigning-green-spaces-more-diverse-bee-spaces

Spring 2018. Nature note: Pollinator garden BEE-eautifies Professor Valley Field Camp. Referenced in Canyonlands Field Institute's Desert Winds Newsletter.

May 21. USU Extension to host "lasagna gardening" workshop. Quoted and USU Permaculture initiative outreach featured in the Herald Journal News. Available at: news.hjnews.com/news/education/usu-extension-to-host-lasagna-gardening-workshop/article_f1cccbaf-7520-5bae-8f5d-afe8728ba469.html

Live Well Utah April 27, 2018. Sustainable living through permaculture. livewellutah.org/2018/04/27/sustainable-living-through-permaculture/

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EXTENSION SUSTAINABILITY