

Annual Pulse Industry Joint Research Review Funding Year 2020-21

The USA Dry Pea & Lentil Council invites you to join the Annual Pulse Joint Research Review held in Moscow, ID 11-12 February. Additionally, you are invited to join the Pulse Crop Working Group the evening of 10 February to discuss industry priorities followed by a World Pulses Day Event. The USADPLC & Northern Pulse Grower's Association Research Committees will meet on 13 February to discuss the research proposals from the Joint Research Review. A local Pulse Research tour is also being planned for the afternoon of Thursday 13 February.

Purpose: To hear and prioritize research proposals for the 2020-21 financial year and share industry goals with the Pulse Crop Working Group

Locations: **Joint Research Review**
USA Dry Pea & Lentil Council Stateline Office
2780 W Pullman Road
Moscow, ID 83843

Pulse Crops Working Group Meeting
Paradise Creek Brewery – Downtown Restaurant
245 SE Paradise Street
Pullman, WA 99163

Dates: **Monday 10 February 5:30PM**
Pulse Crop Working Group Meeting (snacks provided)
World Pulses Day Event (dinner provided)

Tuesday & Wednesday 11-13 February
Research Review
Lunch & Dinner Provided

Thursday 13 February
NPGA Committee Meeting
USADPLC Research Committee Meeting
Tentative Local Pulse Research Tour



Please contact Dr Evy Jaconis at ejaconis@usapulses.org or 208.882.3023 to confirm your attendance and for questions.



Joint Research Review Teleconference (Zoom) Details

Tuesday 11 February Joint Research Review

Morning Session

<https://zoom.us/j/892289039>

Meeting ID: 892 289 039

One tap mobile

+16699006833,,892289039# US (San Jose)

+16465588656,,892289039# US (New York)

Tuesday 11 February Joint Research Review

Afternoon Session

<https://zoom.us/j/563279013>

Meeting ID: 563 279 013

One tap mobile

+16699006833,,563279013# US (San Jose)

+16465588656,,563279013# US (New York)

Wednesday 12 February Joint Research Review

Morning Session

<https://zoom.us/j/911451704>

Meeting ID: 911 451 704

One tap mobile

+16699006833,,911451704# US (San Jose)

+16465588656,,911451704# US (New York)

Wednesday 12 February Joint Research Review

Afternoon Session

<https://zoom.us/j/668696009>

Meeting ID: 668 696 009

One tap mobile

+16699006833,,668696009# US (San Jose)

+16465588656,,668696009# US (New York)

Zoom Dial by Location Details

+1 669 900 6833 US (San Jose)

+1 646 558 8656 US (New York)

877 853 5247 US Toll-free

877 369 0926 US Toll-free

3:15 PM	<u>16</u>	Mary	Burrows	Detecting soilborne pathogens using high throughput molecular methods	USADPLC
3:30 PM	<u>17</u>	Ruijun	Qin	Pea, Lentil and Chickpea	USADPLC
3:45 PM	<u>18</u>	Weidong	Chen	Developing management options for metalaxyl-resistant <i>Pythium</i> for pulse crop production in the Pacific Northwest	USADPLC
4:00 PM	Break				
5:30 PM	Dinner - TBD				
Wednesday 12 February					
Morning Session					
Product Development & Innovation					
9:00 AM	<u>19</u>	Candida	Rebello	Marketing Strategy to Promote Partial Substitution of Meat with Pulses	USADPLC
9:15 AM	<u>20</u>	Girish	Ganjyal	Fibrous structuring potential of lentil protein for plant-based meat analog preparation	USADPLC
9:30 AM	<u>21</u>	Haibo	Huang	Improve the feasibility of pea protein as a functional and nutritional ingredient in infant formula products	USADPLC
9:45 AM	<u>22</u>	Kanika	Bhargava	Prebiotics from Pulses: Isolation, Characterization, and Applications	USADPLC
10:00 AM	<u>23</u>	Michael	Colle	Replacing allergenic soy and non-natural sodium phosphate with non-allergenic and 'all-natural' pulse crops as binders in beef patties	USADPLC
10:15 AM	Break				
10:30 AM		NPGA			NPGA
10:45 AM		NPGA			NPGA
11:00 AM		NPGA			NPGA
11:15 AM		NPGA			NPGA
11:30 AM	Break				
Lunch					
Afternoon Session					
Nutrition & Health Benefits					
12:30 PM	<u>24</u>	Clifford	Hall III	Pulse Quality and Starch Modification	USADPLC
12:45 PM	<u>30</u>	Kalidas	Shetty	Novel Biotransformation of Chickpea Flour for Food Ingredient Applications to Reduce Acrylamide	USADPLC
	<u>31</u>	Kalidas	Shetty	Pea Flour as Value-Added Food Ingredients for Human Gut Health Benefits	USADPLC
1:10 PM	<u>25</u>	Allison	Childress	Effects of Pulse Ingestion During Endurance Exercise Versus a Commercial Carbohydrate Gel	USADPLC
1:25 PM	<u>26</u>	Andrea	Hutchins	Effects of daily split pea consumption and exercise on sarcopenia in adults with sarcopenia	USADPLC
1:40 PM	<u>27</u>	Annie	Roe	12-Week Dietary Intervention to Improve Cognition and Emotional Wellbeing in Older Adults through Reduction of Inflammation and Oxidative Stress	USADPLC
1:55 PM	<u>28</u>	David	Montrose	Demonstrating the Benefits of Pea-derived Protein Consumption in Colon Cancer	USADPLC

2:10 PM	<u>29</u>	Jack	Losso	Health benefits of chickpea protein concentrate against mast cell activation <i>in vivo</i>	USADPLC
2:25 PM	<u>32</u>	Nanguneri	Nirmala	Evidence mapping of the association between pulses and protective effects against cancer	USADPLC
2:40 PM	Break				
2:55 PM	<u>33</u>	Sanjiv	Agarwal	Analysis of intake of pulses using NHANES 2001-2016 and model the nutritional impact of additional servings of pulses to the Healthy US-Style Eating Pattern	USADPLC
3:10 PM		NPGA			NPGA
3:25 PM		NPGA			NPGA
3:40 PM		NPGA			NPGA
3:55 PM		NPGA			NPGA
4:10 PM	Break				
5:30 PM	Dinner - TBD				
Thursday 13 February					
	Morning Session				
	Committee Meetings				
9:00 AM	NPGA Committee Meeting				
10:30 AM	USADPLC Research Committee Meeting				
12:30 PM	Break	Lunch			
	Afternoon Session				
1:30 PM	Local Pulse Tour - Tentative				