

# Projects

PROJECT LEAD	PROJECT FOCUS	PROJECT TIMELINE	FUNDING PARTNERS
Dr. Parthiba Balasubramanian, Agriculture & Agri-Food Canada	Development of high yielding dry bean cultivars with disease resistance and seed quality	Ongoing	Canadian Agricultural Partnership AgriScience Program
Dr. Parthiba Balasubramanian, Agriculture & Agri-Food Canada	Identification of dry bean lines in Ontario and the Prairies with improved canning and cooking quality	Ongoing	Canadian Agricultural Partnership AgriScience Program
Dr. Parthiba Balasubramanian, Agriculture & Agri-Food Canada	Bean breeding for Alberta, focus on disease and quality	Ongoing	Alberta Innovates
Dr. Deng-Jin Bing, Agriculture & Agri-Food Canada	Pea breeding focused on yield, disease resistance and high-quality protein	Ongoing	Canadian Agricultural Partnership AgriScience Program
Robyne Davidson, Lakeland College	Lupin adaptability and management for Alberta	Ongoing	Results Driven Agriculture Research (RDAR)
Robyne Davidson, Lakeland College	Investigating agronomic practices to remove barriers to faba bean production in Alberta	Completed 2020	
Dr. Eric Bremer, Alberta Agriculture & Forestry	Impact of cropping practices on soil health, crop productivity and profitability in the brown soil zone of Alberta	Completed 2020	Alberta Agriculture & Forestry
Dr. Haley Catton, Agriculture & Agri-Food Canada	Wireworm monitoring and control	New	Sask Wheat, Alberta Wheat Commission, Results Driven Agriculture Research (RDAR)
Dr. Syama Chatterton, Agriculture & Agri-Food Canada	Epidemiology of chocolate spot of faba bean	Completed 2020	
Dr. Syama Chatterton, Agriculture & Agri-Food Canada	Evaluation of calcium based products on Aphanomyces	New	Western Grains Research Foundation (WGRF), Results Driven Agriculture Research (RDAR)
Dr. Syama Chatterton, Agriculture & Agri-Food Canada	Spore traps for white mould	Ongoing	Canadian Agricultural Partnership AgriScience Program
Dr. Syama Chatterton, Agriculture & Agri-Food Canada	Breeding, physiology and agronomy to mitigate yield loss caused by root rots of pea	Ongoing	Canadian Agricultural Partnership AgriScience Program
Robyne Davidson, Lakeland College	Lupin adaptability and management for Alberta	New	Results Driven Agriculture Research (RDAR)
Dr. Alison Duncan, University of Guelph	Beans for healthy aging: effect of beans and beef as complementary proteins on satiety and food intake in community-dwelling older adults	New	Ontario Bean Growers
Dr. Maya Evenden, University of Alberta	Development of semiochemical-based monitoring of the pea leaf weevil	Completed 2020	
Dr. Maya Evenden, University of Alberta	Examining dispersal patterns of pea leaf weevil	New	Western Grains Research Foundation (WGRF), Results Driven Agriculture Research (RDAR)
Dr. Ravinder Goyal, Agriculture & Agri-Food Canada	Altering root development for drought tolerance in pea field through a non-transgenic approach	Ongoing	Alberta Agriculture & Forestry

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Dr. Jay Han, Alberta Agriculture & Forestry	Development of sprouting process and characterization of aroma and flavour in Alberta-grown high and low tannin faba beans	Completed 2020	
Christy Hoy, Alberta Agriculture & Forestry	Enhancing field pea, faba bean and lentil productivity and resilience through germplasm screening	Completed	
Dr. Doug Klein, University of Alberta	Increasing pulse intake in primary care patients: The Change cancer Alberta interventions increase pulse module	Ongoing	
Dr. Danny Le Roy, University of Lethbridge	Economic value of diversified cropping systems	Ongoing	Canadian Agricultural Partnership AgriScience Program
Debra McLennan, Alberta Pulse Growers	Development of three topics for junior high curriculum to add to the project Agriculture program	Ongoing	Alberta Wheat Commission, Alberta Canola Producers Commission, Canadian Agricultural Partnership
Dr. Boyd Mori, University of Alberta	Industrial research chair (NSERC grant)	Ongoing	Alberta Canola Producers Commission, Alberta Wheat Commission, Alberta Barley
Paolo Mussone, NAIT	Development of a novel line of gluten-free ready meal products from Alberta-based pulses	Ongoing	
Dr. Mike Nickerson, University of Saskatchewan	Development of processing strategies for innovative commercially-ready pulse ingredients	Ongoing	Canadian Agricultural Partnership AgriScience Program
Nevin Rosaasen, Alberta Pulse Growers	Sectional Control	Completed 2020	Canadian Agricultural Partnership, Alberta Wheat Commission, Alberta Canola Producers Commission, Alberta Barley
Dr. John Sievenpiper, University of Toronto	Glycemic Control and Cardiovascular Disease in Type 2 Diabetes Research Fund	Ongoing	
Dr. Meghan Vankosky, Agriculture & Agri-Food Canada	Integrated pest management of pea leaf weevil using biological control and low insecticide-input alternatives	Ongoing	Canadian Agricultural Partnership AgriScience Program
Dr. Jenn Walker, Alberta Pulse Growers	Regional Variety Trials feature	Ongoing	
Dr. Jenn Walker/Dr. Jagroop Gill Kahlon/ Nevin Rosaasen, Alberta Pulse Growers	Plot to Field	Ongoing	
Dr. Tom Warkentin, University of Saskatchewan	Pea Breeding for Western Canada	New	
Dr. Yantai Gan, Agriculture and Agri-Food Canada	Optimizing systems productivity, resilience and sustainability in the major Western Canadian Eco-zones	Ongoing	Western Grains Research Foundation (WGRF)
Dr. Hugh Landry, PAMI	Spray Drift management under changing operational requirements	Ongoing	Western Grains Research Foundation (WGRF)