

APPLE HORTICULTURE/POSTHARVEST RESEARCH REVIEW				2018 Funding		2019 Request
Time	Page	PI	Yrs	Cooperator Funding	WTFRC Staff Funding	
8:00		Hanrahan	Welcome - Introductions and housekeeping			
Final Reports						
8:15	22	Amiri	Improved risk assessment and management of apple postharvest diseases	16-18	67,635	
	29	Zhu	Ozone in apple storage: microbial safety and decay management: <i>Written report only</i>	16-17	-	
	38	Critzer	Understanding/managing the food safety risk of packline brushbeds: <i>Written report only</i>	17	-	
New Proposals						
8:30	114	Musacchi	Optimizing harvest time for WA38	19		95,419
8:45	143	Musacchi	Improving fruit set in WA38 with the use of AVG	19-21		75,236
9:00	76	Serra	Pollination, flower biology and fruit development in WA38 apples	19-20		67,156
9:15	58	Musacchi	Identification of fire blight resistant pollinizers for apple orchards	19-21		118,811
9:30	154	Critzer	Critical limits for antimicrobials in dump tank systems	19-21		86,183
9:45	49	Ganjyal	Increasing the efficacy of antimicrobial chemicals with surfactants	19-20		47,138
10:00			Break			
10:15	86	Zhu	Bacterial community of apple under cold storage-a metagenomic approach	19-21		111,898
10:30	105	Zhu	Listeria survival on WA 38 during packing and subsequent storage	19-21		106,035
10:45	125	Dhingra	Systems based approach to understand bitterpit in apple	19-21		86,847
11:00	160	Hanrahan	Food Safety update, 50th Anniversary Celebration	<i>Internal</i>		18,605
11:15 -1:30			Committee lunch: New proposal scoring			
			Continuing Projects: 1:30 - 4:00			
1	164	Ganjyal	Improving food safety by hot air impingement drying: <i>No-cost extension</i>	15-17		-
1	168	Ganjyal	Complying with the FSMA preventative controls for human food rule: <i>No-cost extension</i>	17-18	50,260	-
1	174	Zhu	Control of <i>Listeria</i> on processing surfaces in apple packing facilities	17-19	94,700	8,867
1	181	Critzer	Systems-based approach for improved packinghouse sanitation	18-20	55,497	12,288
1	187	Critzer	Utility of rapid tools to assess cleanliness in apple packinghouses	18-19	45,813	10,212
1	192	Zhu	Fate of Listeria on apples at ozone and controlled atmosphere storage	18-20	98,470	22,133
1	200	Musacchi	WA38 fruit and dry matter for fruit quality/consumer preference: <i>Out-of-cycle funding</i>	17-19	83,751	-
1	207	Hanrahan	Improving apple fruit quality and postharvest performance	<i>Internal</i>		29,784
1	228	Evans	Apple scion breeding program: Final report with 1-yr. extension	18-20	219,998	55,673
2	244	Kalcsits	Control of fruit size and bitterpit on Honeycrisp using irrigation	17-19	74,199	84,972
2	252	DuPont	How do we measure and manage soil health for productive orchards?	17-19	51,258	51,686
2	259	Amiri	Evaluation of fungicide application methods: <i>Final report</i>	16-17		-
2	268	Kalcsits	How does fruit acclimation to sunburn affect sunburn management?	18-19	86,621	87,846
2	275	Kalcsits	Optimizing light and water for orchards covered with netting	18-19	87,671	11,570
2	283	Lewis	WA38 demonstration trial block	18-19	14,300	16,214
2	289	Schmidt	Crop load and canopy management of WA tree fruit	<i>Internal</i>		53,783
2	296	Schmidt	WTFRC apple pesticide residue study	<i>Internal</i>		15,700
2		Schmidt	WTFRC Technology projects (See Appendix)	18		
	300	Harper	Understanding decline on select apple scion-rootstock combinations: <i>Written report only</i>	18-19	60,200	55,979
	306	Willett	Apple rootstock and scion evaluation; <i>Written report only</i>	<i>Internal</i>		40,970
Meet & Greet with Scientists: 4:15 - 5:15						
5:30 - 7:00	Dinner and presenter: David Granatstein					
2018 funding					1,090,373	277,194

APPLE HORTICULTURE AND POSTHARVEST RESEARCH REVIEW	
Thurs. January 24, 2019	
8:00 - 9:30	Committee Meeting: Continuing report discussion/research priorities

Apple Funding	
2019 Continuing funding requests	741,482
2019 New project requests	813,328
2019 Total requests	1,554,810