

Northwest Pear Research Review
Columbia Gorge Hotel, Hood River, OR

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|-------------------------------------|--|-----|---|--|--|--|--|
| Wednesday, February 20, 2019 | | | | | | | |
| 5:30 | | Gix | No-host social hour at the Columbia Gorge Hotel | | | | |

| Thursday, 2/21/2019 | | | | | | | | 2019 Funding | | |
|--|------|-----------------|--|-------|--------------------|---------------------|--------------|---------------------|---------|--|
| Time | Page | Presenter | Title | Yrs | Cooperator Funding | WTFRC Staff Funding | 2020 Request | | | |
| 8:00 | | Schmidt | Welcome | | | | | | | |
| 8:05 | | Gix | Pear Research Review business/EU Automation/Mechanization study trip | | | | | | | |
| 8:15 | | Moffitt | Pear Bureau update | | | | | | | |
| 8:25 | | Castagnoli | OSU-MCAREC update | | | | | | | |
| 8:40 | | Schmidt | Housekeeping | | | | | | | |
| Final reports | | | | | | | | | | |
| 8:45 | 1 | Amiri | Enhancement of postharvest decay management in pear | 17-19 | 34,323 | | | | - | |
| 9:00 | 7 | Dhingra | Assessment of organoleptic traits in sliced pears | 18-19 | 34,402 | | | | - | |
| 9:15 | 15 | Rendon | Ecology of <i>Trechnites</i> , an important parasitoid wasp of pear psylla | 19 | 30,623 | | | | - | |
| 9:30 | 28 | Dong | Delivering quality pear fruit to consumers | 16-18 | - | | | | - | |
| 9:45 | 40 | Serra | Dry matter assessment in pear and consumer perception | 16-17 | - | | | | - | |
| 10:15 | | | Break | | | | | | | |
| Continuing Projects 10:15 - 11:45 | | | | | | | | | | |
| 1 | 50 | DuPont | Fire blight management: new products and effective rates | 18-20 | 13,812 | | | | 14,256 | |
| 1 | 58 | Nottingham | Integrated fruit production for pears: No-cost extension | 17-19 | 125,811 | | | | - | |
| 1 | 65 | Johnson | Refinement of fire blight control strategies: buffered oxytetracycline | 19-20 | 24,202 | | | | 24,686 | |
| 1 | 72 | Honaas | Functional genomics of 'D'Anjou' pear fruit quality and maturity: No-cost extension | 18-19 | 33,488 | | | | - | |
| 1 | 79 | Horton | Acoustically based mating disruption of winterform psylla | 18-20 | 49,733 | | | | 53,166 | |
| 1 | 84 | Cooper | Using transcriptomics to target key behaviors of pear psylla | 19-21 | 12,000 | | | | 10,000 | |
| 1 | | Willett | Technology projects (See tech reports) | 19 | 59,280 | 12,900 | | | 60,747 | |
| 2 | 90 | Serra | Field evaluation of pear cultivars on cold hardy quince rootstocks | 19-21 | 58,110 | | | | 70,585 | |
| 2 | 97 | KC | Epidemiology & management of postharvest decay on pears: No-cost extension | 17-19 | 46,039 | | | | - | |
| 2 | 104 | Dhingra | Greenhouse screening of 49 dwarf rootstock candidates | 18-20 | 19,289 | | | | 20,037 | |
| 2 | 109 | Dong | Mechanisms and practical solutions to control scald of pears | 18-20 | 39,011 | | | | 40,061 | |
| 2 | 116 | Kalcsits | Optimizing irrigation frequency and timing to improve fruit quality | 19-21 | 118,792 | | | | 64,537 | |
| 2 | 123 | Postman | Interstem grafts to evaluate pear germplasm for dwarfing potential: No-cost extension | 18-19 | 9,000 | | | | - | |
| 11:45 - 1:15 | | | Committee lunch - Continuing reports/ Strategic Planning discussion | | | | | | | |
| Industry Updates | | | | | | | | | | |
| 1:15 | | McClain | California pear update | | 72,180 | | | | | |
| 1:30 | | Godwin | WSU Endowment Advisory Update | | | | | | | |
| 1:45 | 129 | Hanrahan | Food safety update/WTFRC 50th anniversary | | | | | | | |
| New Project Proposals | | | | | | | | | | |
| 2:00 | 133 | Murray | IPM strategic planning for pears in WA and OR | 20 | | | | | 16,817 | |
| 2:15 | 138 | Amiri | Epidemiology and management of pear gray mold in the PNW | 20-22 | | | | | 95,826 | |
| 2:30 | 146 | Dhingra | Evaluating the dwarfing capacity of 65 diverse pear accessions | 20-22 | | | | | 40,081 | |
| 2:45 | 154 | Northfield* | Enhancing pear psylla biological control through predator recruitment | 20-22 | | | | | 51,325 | |
| 3:00 | | | Break | | | | | | | |
| 3:15 | 161 | Rudell | New active ingredients for pear superficial scald control | 20-22 | | | | | 84,893 | |
| 3:30 | 169 | Nottingham | Improving pear pest management with integrated approaches | 20-22 | | | | | 110,363 | |
| 3:45 | 182 | Schmidt-Jeffris | Incorporating trechnites into a psylla biocontrol program | 20-22 | | | | | 39,839 | |
| 4:00 | 190 | Cooper | Erythritol: an artificial sweetener with insecticidal properties | 20-22 | | | | | 19,932 | |
| 4:15 | 195 | KC | New approaches in managing gray mold disease in pears | 20-21 | | | | | 36,546 | |
| 4:30 | 202 | Thompson | Fine tuning calcium application rates for cork spot | 20-22 | | | | | 22,969 | |
| 4:45 | 207 | Evans | Pear rootstock breeding Final report/new proposal - long-term vision | 20-22 | - | | | | 104,731 | |
| 5:30 | | | Adjourn - Dinner - on your own | | | | | | | |

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| Friday, February 22, 2019 | | | | | | | |
| 8:00 | | Gix | Welcome & housekeeping, strategic planning (continued) | | | | |
| 8:30 | | | Ranking of new proposals/Pear Research financial discussion | | | | |
| 12:00 | | | Adjourn & collect sack lunches for drive home | | | | |

FY 2019 funding

780,095

Research Funding Requests

Total new project requests

623,322

Continuing project requests:

358,075

Total funding requests

981,397

* \$4500 was funded through WTFRC pear reserves to aid in the hire of the new WSU Entomologist (Northfield)