

### 2017 Bentley Lecture Poster Presentations

#	Title	Authors ( <i>presenting author is italicized</i> )
1	Pathogenic diversity in single-spore isolates of <i>Plasmodiophora brassicae</i> from Alberta	<i>Homa Askarian</i> , S.F. Hwang, V.P. Manolii, T. Cao, A. Akhavan and S.E. Strelkov
2	Growth and colonization of host tissues by Ptr ToxA- and Ptr ToxB-producing isolates of <i>Pyrenophora tritici-repentis</i> (tan spot of wheat)	<i>Xinyi (Larissa) Ma</i> , S.F. Hwang, R.I. Strelkov, R. Aboukhaddour, and S.E. Strelkov
3	Can energy crops compete with traditional agriculture in Alberta? A real options approach to landowner returns	<i>Claire Doll</i> , G. Hauer, M. Luckert
4	Constraints to Farm Animal Welfare Policy Implementation in Alberta: The Producers' Perspective	<i>Emilie Bassi</i> , J. Parkins and E. Goddard
5	The cost of payments for ecosystem services land-use programs for hydrological stabilization in the Panama Canal Watershed	A. Entem, V. Adamowicz, E. Fenichel, L. Calderon-Etter, and <i>Patrick Lloyd-Smith</i>
6	Access mats reduce mixed grass prairie soil physical responses to industrial traffic	<i>Kassia James</i> , F. Najafi, S. Quideau, C. Carlyle, E. Bork
7	Nitrous Oxide (N <sub>2</sub> O) Emissions in Wheat and Canola Crops under Fertigation Management in the Canadian Prairies	<i>Leanne Chai</i> , G. Hernandez-Ramirez, M. Dyck, D. Pauly, L. Kryzanowski, A. Middleton, L. Powers, G. Lohstraeter, D. Werk
8	Controlled Traffic Farming: The Effects on Soil Physical and Hydraulic Properties in the Canadian Prairies	<i>Kris Guenette</i> , G. Hernandez-Ramirez and P. Gamache
9	Can Nitrification Inhibitors Impact Nitrous Oxide Emission and Nitrogen Cycling?	S. Lin, <i>Guillermo Hernandez-Ramirez</i> , L. Kryzanowski, T. Wallace, R. Grant, R. Degenhardt, N. Berger, C. Sprout, G. Lohstraeter, L. Powers
10	Testing the Suitability of Fractal Hierarchical Aggregation as a Metric of Soil Quality and Land Stewardship	M. Kiani, C. C. Hebb, <i>Guillermo Hernandez-Ramirez</i> , D. Schoderbek, K. G. Guenette, D. Puurveen, E. Bork, E. Smith, H. H. Janzen, F. Larney
11	Ecological controls on N <sub>2</sub> O emission in surface litter and near-surface soil of a managed pasture: modelling and measurements.	<i>Robert Grant</i> , A. Neftel, and P. Calanca
12	Effect of Long-term Fertilization History and Contemporary N and S Fertilizers Application on N <sub>2</sub> O Emissions in a Lab Incubation	M. Giweta, <i>Miles Dyck</i> , S. S. Malhi, K. Kipps, and D. Puurveen
13	Nursery nutrient loading increased growth and nitrogen re-translocation in jack pine ( <i>Pinus banksiana</i> Lamb.) seedlings planted on an oil sands reclaimed soil	<i>Prem Pokharel</i> , J. Kwak and S. X. Chang
14	Oribatid mites as a tool to assess soil recovery after surface mining in Alberta	<i>Brittany N. McAdams</i> , S. A. Quideau, M. J. B. Swallow, L. M. Lumley
15	Knowledge Mobilization for Sustainable Food Production in the Kolli Hills, India	<i>Suraya Hudson</i> , M. Beckie, N. Krogman
16	The Breton Plots	<i>Dick Puurveen</i>
17	Predicting the Future from the Past	<i>Dick Puurveen</i>