



**Science Outreach – Athabasca  
presents...**

# **Permaculture: A Lifestyle**



**Speaker: Robin Smith Mandel**

**Date: April 12, 2016**

**Place: Athabasca University  
Governing Council Chambers**

**Time: 7:00 to 8:30 PM**

**Admission is free. Door Prizes!**

**Refreshments will be available during  
this presentation.**

Join us as we welcome Robin Smith Mandel while she walks us through the joys of Permaculture, a system of agricultural practices that simulate natural ecosystems. She will speak on the Introduction of the Ethics and Principles of Permaculture along with examples and ideas, show a short video featuring David Holmgren, discuss soil testing to determine pH and explain the of types of composting including vermicompost, small scale household waste composting, and large scale thermophilic composting. The end of the evening will feature a Three Sisters planting activity!

Robin grew up on a farm in southern Saskatchewan. As a child she spent a lot of time in the garden with her mom, helping raise poultry and gather eggs, and helping with the family grain and cattle operation. Her mom always focused on high quality, naturally grown and raised foods. Those values made a lasting impression as after working, travelling and earning a degree in Education through the University of Alberta, followed by teaching with Edmonton Public Schools for a few years, they moved out to a small ranch near Caslan where they live off-grid and raise organically grown fruits and vegetables, poultry and livestock.

Science Outreach – Athabasca is supported by



**Athabasca  
University**

The future of learning.