



**Ben-Gurion University of the Negev**  
**Jacob Blaustein Institutes for Desert Research**  
The Swiss Institute for Dryland Environmental and Energy Research  
**Mitrani Department of Desert Ecology**

Seminar  
**Vered Tzin**

French Associates Institute for Agriculture and  
Biotechnology of Drylands, Ben-Gurion University  
of the Negev

Tuesday, May 8, 2018, 12:00  
Seminar Room, Old Administration Building

**The Situation Sucks:**

**Get Chewed by Caterpillars or Sucked by Aphids**

Plants in nature have inducible defenses that sometimes lead to targeted resistance against particular herbivores, but susceptibility to others. The metabolic and genetic diversity available for maize and wheat make this a suitable system for a mechanistic study of within-species variation in such plant-mediated interactions between herbivores. We test the tradeoff between plant resistance to beet armyworms and corn-leaf aphids to elucidate defense mechanisms in crops.

