

Profile of Jenna Malone

2011 recipient of the CAWS Early Career Weed Scientist Travel Award

I have a Bachelor of Biotechnology (Honours, 1st Class) from Flinders University and completed my PhD in 2009 through the University of Adelaide at the Australian Centre for Plant Functional Genomics (ACPGF). During my PhD I was also awarded a Commercialisation Training Scheme (CTS) grant from the Department of Innovation, Industry, Science and Research (DIISR) to undertake a Graduate Certificate in Science and Technology Commercialisation.

My past 8 years of study and work since completing my undergraduate degree have all been in the area of resistance. My honours project undertaken at CSIRO Plant Industry investigated powdery mildew resistance in grapevines while my PhD focused on the resistance interaction between barley and the fungus *Rhynchosporium secalis*.

At the end of 2007 I took up a Research Associate position with Chris Preston's Weed Management group at the University of Adelaide working on the CRC for Australian Weed Management project. As part of this group I had the opportunity to continue my work on resistance as its focus is on the management of herbicide resistance in weeds of Australian cropping systems. In 2008 I began a postdoctoral position, working on a GRDC funded project investigating the management of glyphosate resistance, which I am currently completing.

I will be continuing my work on glyphosate resistance, with involvement in two new projects beginning this year; a RIRDC funded project on managing glyphosate resistance in non-agricultural areas, and a national GRDC project focused on the understanding and management of resistance to group M, L and I herbicides.

I will use the CAWS Early Career Researcher Award to present my work at the Weed Science Society of America (WSSA) annual meeting in February next year.

