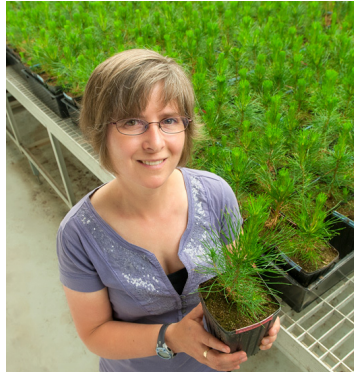


JANICE COOKE

Department of Biological Sciences, University of Alberta



Since her appointment in July 2005, Dr. Cooke has become a leader in her investigation of forest tree genomics and the mountain pine beetle infestation. Her diverse research interests span all aspects of the pine beetle infestation, the molecular biology of dormancy, nitrogen utilization and water movement in trees. These projects have broad ranging scientific and socio-economic impacts of not only domestic but also global significance. The importance and diversity of these projects is reflected in extensive individual and group funding from a variety of organizations including NSERC, Alberta Innovates, CFI and Genome Canada. Specifically, Dr. Cooke was the co-lead on two TRIA Mountain Pine Beetle Epidemic Large Scale Genomics Research Projects and is currently the director of the NSERC Strategic Network, TRIA-Net: Turning Risk Into Action for the Mountain Pine Beetle Epidemic. Leadership of these programs highlights her ability to spearhead large collaborative research groups that generate significant research outcomes. She has published 55 papers or reviews including 32 since 2010 in top-tier journals such as *New Phytologist*, *PLoS One*, *Molecular Biology and Evolution* and *Ecology*. Dr. Cooke is also a devoted mentor at all levels, having supervised 2 research assistants, 10 post-doctoral fellows, 3 PhD, 3 MSc students and 30 undergraduate research project students. Janice is also an award-winning teacher, having received a McCalla Professorship for Teaching and Research and a Faculty of Science Teaching Honor Roll - Student's Choice awards. Overall, the combination of research productivity and originality, the broad-based funding, the contributions to Canada wide research projects and HQP clearly identify Dr. Cooke as a prominent, international leader in her field. The CSPB/SCPB is delighted to honour Dr. Janice Cooke as the very deserving recipient of the 2015 C.D. Nelson Award.