

Applied Genomics in Energy – A Workshop for Collaboration

June 23, 2015 8:30am-2:00pm
Hotel Arts 119, 12 Ave SW, Calgary, T2R 0G8

Description

Genome Canada is launching a national research funding initiative called '2015 Large Scale Applied Research Program: *Natural Resources and the Environment: Sector Challenges – Genomic Solutions*' (2015 LSARP). 2015 LSARP aims to support applied genomics research that address challenges and opportunities in Canada's natural resources including interactions between natural resources and the environment, thereby contributing to the Canadian bio-economy and the wellbeing of Canadians.

The workshop, organized by Genome Alberta, Genome BC and the Petroleum Technology Alliance of Canada (PTAC), will bring together key end users and partners for potential research projects; inform them about opportunities for collaboration; and solicit interest in the 2015 LSARP initiative.

Objectives

- Introduce stakeholders to Genome Canada's '2015 Large Scale Applied Research Program: *Natural Resources and the Environment: Sector Challenges – Genomic Solutions*' (2015 LSARP)
- Showcase previous successes in industry-academic partnership
- Describe the user-engagement process in new partnerships
- Verify existing and identify new industry research priorities
- Solicit support and eventual commitment from users to develop projects for 2015 LSARP

Contributors

Genome Canada is a not-for-profit organization that acts as a catalyst for developing and applying genomics and genomic-based technologies to create economic and social benefits for Canadians. Genome Canada connects ideas and people across public and private sectors to find new uses for genomics; invest in large-scale science and technology to fuel innovation; and translate discoveries into applications, new technologies, societal impacts and solutions across key sectors of national importance including health, agriculture, forestry, fisheries & aquaculture, energy, mining, and the environment. To ensure effective management and monitoring of Genome Canada funded projects, centres have been established in each region across Canada including Genome Alberta, Genome Atlantic, Genome British Columbia, Genome Prairie, Genome Quebec and the Ontario Genomics Institute. The Centres facilitate access to leading edge technology for researchers, allow for different approaches to project development and fundraising, and provide opportunities for public outreach programs at a regional level. Please view www.genomecanada.ca for more information.

Petroleum Technology Alliance of Canada's (PTAC) mission is to facilitate innovation, collaborative research and technology development, demonstrations and deployment for a responsible Canadian hydrocarbon energy industry. Please view www.ptac.org for more information.

Agenda

8:45-9:15	Introduction	Welcome and introduction of stakeholders to Genome Canada's 2015 LSARP	Cindy Bell, Executive Vice President, Genome Canada
9:15-10:00	Keynote Presentation	Collaboration and innovation in the oil sands: past, present, and future	Dan Wicklum, Chief Executive Officer, COSIA
10:00-10:30	Coffee & Networking		
10:30-11:00	Research Priorities	Recap priorities set in the Energy and Mining Sector Strategy, genomics success stories	Andrew Stephens, Former Energy Executive, Genome Alberta Board Chair
11:00-11:30	2 Minute Introductory Statements		Poster Leaders
11:30-12:15	Poster Review	Post-it® note exercise to indicate interest in each area <ol style="list-style-type: none"> 1. Yellow – researchers 2. Blue – industry 	All
12:15-1:00	Lunch		
1:00-1:45	Soliciting Support and Developing Project Ideas	Open discussion of emerging proposals around a poster for each research topic	Tom Jack
1:45-2:00	Summary	Identify next steps towards the development of industry-academic partnerships	All