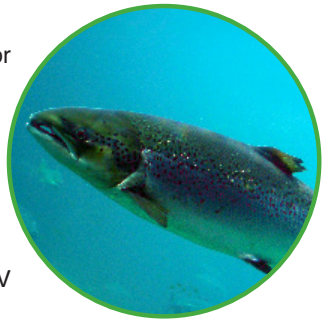
rpc
SCIENCE & ENGINEERING
921 College Hill Rd. Fredericton, NB Canada E3B 6Z9

FOR IMMEDIATE RELEASE

RPC Celebrating 30 years of Service to Aquaculture Industry

Participating in Aquaculture Canada 2014 Conference

May 23, 2014, Fredericton, NB - RPC, a leading service provider and researcher for the aquaculture industry, will be participating in Aquaculture 2014, a national conference being held in St. Andrews, New Brunswick on June 1 through June 4, 2014. The conference program will include research paper presentations from Dr. Benjamin Forward, Dr. Tony Manning and Dr. David Thumbi.



Dr. Forward will present on Offspring™, a breakthrough system for egg to plate traceability for Atlantic Salmon utilizing DNA technology. This product was developed through an AIF funded collaborative research project with the University of New Brunswick and Cooke Aquaculture. Cooke Aquaculture is an industry leader in salmon aquaculture.

Dr. Manning will present *Vaccination and Family Effects on ISAV Resistance in Atlantic Salmon*. ISAV is a viral disease that affects fish farms throughout the world. ISAV was correctly identified by RPC in the late 1990s and has been a leader in detection and strain typing. One of RPC's technology developments and current service offerings is a real-time qRT-PCR method for ISAV detection (see www.rpc.ca/english/press/InnovativeAssaysMerit.pdf).

Dr. Thumbi's presentation is on the characterization of the bacterial community profiles on integrated multi-trophic aquaculture sites with a view towards understanding the role of marine bacteria in the cycling of nutrients. Integrated multi-trophic aquaculture (IMTA) is a new approach to sustainable fish and seafood production that combines organisms from different parts of the food chain such as salmon, kelp, and blue messels, where the waste from one species serves as food for another. This project is part of the Canadian Integrated Multi-trophic Aquaculture Network (CIMTAN), a NSERC funded network involving scientists from across Canada (www.cimtan.ca).

RPC scientists have been serving the needs of the aquaculture industry in New Brunswick since 1984. During that time we have provided an ever increasing number and variety of services with the goal of preventing, detecting or solving fish health problems in salmon, haddock, halibut, cod, oysters, and other species.

RPC's fish health staff includes a DFO certified Fish Health Official and USFW Title 50 Certifying Official. Staff also have diving and small craft certifications. The staff includes scientists with doctoral and masters degrees and a group of highly skilled technicians offering a range of fish health services including on-site sampling, fish health diagnostics, pathogen characterization, therapeutant development and testing, and fish health R&D.

RPC staff will be available to discuss your needs at Aquaculture Canada 2014 or contact us at ben.forward@rpc.ca or info@rpc.ca.

About RPC
RPC is New Brunswick's provincial research organization (PRO), an independent contract research and development and technical services organization located in Fredericton, NB. RPC's complement of 98 scientists, engineers and technologists are supported by a 13,000 sq. meter facility housing world-class analytical chemistry and material-testing laboratories, comprehensive life science capabilities, an internationally recognized fish health lab, extensive prototype design, manufacturing and testing services, and a wide variety of pilot facilities for the development and improvement of industrial and environmental processes and products.

RPC is accredited by various organizations including the Standards Council of Canada (SCC) and is ISO 9001:2008 certified. Further information about RPC's services is available from http://www.rpc.ca.

RPC Media Contact:
Eric Cook
Executive Director/CEO
Research and Productivity Council (RPC)
921 College Hill Road, Fredericton, NB E3B 6Z9
506 452-1212

www.rpc.ca/ImpactMovie