

**From:** Richards, Laura <richardsl@dfo.mpo.com>  
**Sent:** Tuesday, October 4, 2011 7:32 AM  
**To:** Saunders, Mark <Mark.Saunders@dfo-mpo.gc.ca>  
**Subject:** Fw: proposal

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**From:** Thomson, Andrew  
**To:** Richards, Laura  
**Sent:** Tue Oct 04 10:08:27 2011  
**Subject:** Fw: proposal

Laura

You should be aware of this disagreement between Kristi and Mary-ellen. I fully support Kristi's position, however Mary Ellen has a meeting with the Minister this week (Oct 6) and she may bring it up. Just want you to have a chance to prep a response.

Andrew Thomson  
Director - Aquaculture Management

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**From:** Mary Ellen <mwalling@telus.net>  
**To:** Thomson, Andrew; Burgess, Steve  
**Cc:** Beaupre, Guy  
**Sent:** Mon Oct 03 22:21:08 2011  
**Subject:** FW: proposal

To keep you in the loop. I have asked for a meeting with Jay and Siddika as a follow up. I have also left a message with Laura.

Mary Ellen

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**From:** Mary Ellen [mailto:mwalling@telus.net]  
**Sent:** Friday, September 30, 2011 5:32 PM  
**To:** 'Miller-Saunders, Kristi'  
**Cc:** 'Johnson, Stewart'; 'Parsons, Jay'; 'Brown, Laura (Pacific)'; 'Richards, Laura'; 'Sheppard, Mark'  
**Subject:** RE: proposal

Hi Kristi, I am sorry that you are not happy about the approach. We were very appreciative of the time you spent walking us through your research and because of the extremely tight timeline and the need to include Dr Garver, we all felt this would be a good first step which provided support for your ongoing research while we built a plan for the second and third phases together. I am away next week, but would be interested in discussing with you about how we could move forward on this.

Mary Ellen

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**From:** Miller-Saunders, Kristi [mailto:Kristi.Miller@dfo-mpo.gc.ca]  
**Sent:** Friday, September 30, 2011 5:24 PM  
**To:** Mary Ellen  
**Cc:** Johnson, Stewart; Parsons, Jay; Brown, Laura (Pacific); Richards, Laura; Sheppard, Mark  
**Subject:** RE: proposal

Mary Ellen,

The main purpose of my contacting and meeting with the industry was to obtain samples from industry to test for

the parvovirus. As this part of the proposal that I put together has been removed by industry, I see no value in putting this proposal into ACRDP or embarking on a collaboration at this time. The archived sockeye samples are already in my lab, and will eventually be analysed. I don't need industry to do this. I will go ahead with the analysis of the Audit samples and decide how to move forward in the new year.

## *Kristi Miller*

Head, Molecular Genetics Section  
Pacific Biological Station  
Nanaimo, BC  
phone (250) 756-7155  
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Please Note new email address effective Jan 2008:  
[Kristi.Miller@dfo-mpo.gc.ca](mailto:Kristi.Miller@dfo-mpo.gc.ca)

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**From:** Mary Ellen [mailto:mwalling@telus.net]  
**Sent:** September 30, 2011 4:51 PM  
**To:** Miller-Saunders, Kristi  
**Cc:** Johnson, Stewart; Parsons, Jay; Brown, Laura (Pacific)  
**Subject:** proposal  
**Importance:** High

Kristi –please take a quick look and let me know if this will work for you –and also that the budget is okay. I am copying Laura and Stewart to keep them in the loop and also because the timeline is so tight.

Due to the short time notice and the inability to confirm Dr. Garver's participation we are not in position to support the full ACRDP project for today's deadlines; however we would like to propose a phased approach. We see this work unfolding in several stages. Dr. Miller is presently broadening the epidemiological surveys of this viral strain (sequence) to identify the range of species potentially affected (at this point, focusing on the presence or absence of the parvoviral sequence rather than indices of disease, per se) and to determine how many years the salmon parvovirus may have been present on the BC coast.

### Phase One

As a first step we propose that it is critical to analyze archival DNA samples from adult livers from Fraser River sockeye salmon stocks collected between 1983-1995 to determine the temporal distribution.

### Phase Two

Once this work is completed phase two would see work to determine whether the virus is pathogenic and can be transmitted to other fish. This work to be done by Dr Garver. The main focus of that phase of the work is to determine disease and or mortality in Pacific salmon, primarily sockeye and potentially other species of salmon.

### Phase Three

Sample collection and analyses of samples from smolts collected in freshwater hatcheries and post-smolts collected during the first month of marine residence for both farmed fish and enhancement facility fish. It is important to see the populations exposed at the same time so this work is expected to be underway in early spring 2012. DFO will also be analyzing industry samples obtained through the Audit program in 2011 with funds from DFO-SAFE Division.

Thanks to Dr Miller for her assistance in pulling this important project together.

Mary Ellen