



## **Call for Letters of Intent**

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**April 2008**

The Canadian Poultry Research Council (CPRC) and its member organizations are currently calling for Letters of Intent (LOIs) in the following priority areas. Approval of applications in this competition will be subject to availability of funds.

***Please use the attached LOI form for your submission.***

### **1. ENVIRONMENT**

The CPRC is requesting Letters of Intent from those researchers who wish to enhance the ability of Canada's poultry industry to face current environmental issues. Issues of importance include, but are not limited to:

- Nutrient management (NPK)
- Regulatory processes
- Water use (producer/processor)
- Rendering
- Evaluation of production systems to reduce negative impacts on soil, water, air
- Recycling waste – creation of new products rather than disposal
- Alternatives to bird disposal and reduction of the impact of by-products to the environment
- Housing environment and its effect on poultry and people (especially indoor air quality)
- Bio-processing

The environment represents a very broad spectrum of issues. Furthermore, most of these issues are inter-related. Specific environmental problems should therefore be addressed while remaining mindful of secondary and tertiary effects; changing one environmental factor will almost undoubtedly affect several others. It is for these reasons that Letters of Interest representing research of an interdisciplinary approach to environmental issues will be favoured. Furthermore, collaboration among researchers and institutions is encouraged.

It is anticipated that some LOIs received in response to this Call will incorporate research that builds upon projects previously supported by the CPRC. The status of these can be found at [www.cp-rc.ca/research\\_programs.html](http://www.cp-rc.ca/research_programs.html). They are listed below:

1. Distribution Uniformity and Emission Reduction Potential of a Precision Applicator for Surface and Sub-surface Land Application of Poultry Manure
2. Development of a Dynamic Model of Ca and P flows in Layers
3. Activity-specific Workplace Exposures of Poultry Barn Workers
4. Reducing Pollution from Veterinary Pharmaceuticals in Agricultural Runoff from Poultry Manure

### **2. NOVEL FEEDSTUFFS**

There is an emerging need for research on the use of feedstuffs alternative to current grains (especially corn), which are anticipated to increase in price due to demands from the energy sector. The CPRC is interested in research towards alternative ingredients in rations that will meet the nutritional needs of commercial poultry. Applicants will note that this Call is a repeat of that made in 2007. None of the

applications received in 2007 were approved for funding, however this issue remains a high priority for the industry. It was therefore decided to repeat the Call. Those applicants anticipating a Call for "Poultry Health and Disease" will have opportunity to apply in 2009 under the broad research area of "Food Safety & Quality - Impact of Poultry Health & Disease."

#### Deadline

The deadline for all Letters of Intent is 5:00 pm on **June 30, 2008**. Please submit an electronic copy to [info@cp-rc.ca](mailto:info@cp-rc.ca). In addition to the electronic copy, an original, signed hard copy should be sent to:

Canadian Poultry Research Council  
483 Arkell Rd  
Guelph, ON N1H 6H8

#### Notes for applicants

After considering input from the CPRC Scientific Advisory Committee, as well as current budget limitations, the CPRC Directors have decided to announce annual Calls for Letters of Intent that pertain to 2 research priority areas at a time. The priority areas for the next 3 calls are as follows:

Date of Call	Priority areas
April 2008	<ul style="list-style-type: none"> <li>▪ Environment</li> <li>▪ Novel Feedstuffs</li> </ul>
April 2009	<ul style="list-style-type: none"> <li>▪ Poultry Welfare &amp; Behaviour</li> <li>▪ Food Safety &amp; Quality – Impact of Poultry Health &amp; Disease</li> </ul>
April 2010	<ul style="list-style-type: none"> <li>▪ Avian Gut Microbiology</li> <li>▪ Environment</li> </ul>

With input from academe, government and industry, the CPRC will continually review its research priority list and, if necessary, adjust it to reflect existing and emerging issues of importance to its members. Provided they remain of high importance, individual priority areas will be the subject of future Calls at regular intervals so as to promote continuity in existing research programs.

The CPRC supports poultry research in Canada and the training of highly qualified people for Canada's poultry sector. Its primary function is that of a matching fund granting agency and, as such, will work with applicants to secure matching funds from partners.

The CPRC Scientific Advisory Committee (SAC) will review all LOIs. It will make recommendations to the CPRC Directors. All applicants will be informed if the CPRC will support their application.

If approved for CPRC support, NSERC-eligible applicants will be instructed to submit applications to NSERC-CRD program through their respective university Research Grants Offices, with all signatures as required by NSERC. AAFC scientists will be instructed to submit their approved applications to the MII program through the appropriate AAFC channels.

Funds for this granting program will be limited; applicants should limit their requests from CPRC to a maximum of \$20,000 per year. Funds from other sources are welcome. Larger budgets should be discussed with the CPRC office before submitting an application for evaluation.

Collaboration among scientists and institutions is encouraged and will be a consideration during the review process.

Inquiries regarding the CPRC or its member's component of this call for LOIs should be directed to Mr. Gord Speksnijder at the CPRC office. Questions regarding the NSERC component should be directed to Doris Braslins at [doris.braslins@nserc.ca](mailto:doris.braslins@nserc.ca) and copied to Mr. Speksnijder at [gords@cp-rc.ca](mailto:gords@cp-rc.ca).