

## Industry Agricultural Research Chair Application Technology Development 2000 Program 2007–2008

- Applicants are to use 12 pt. Arial font to complete the form below
- Deadlines for submission are August 15, 2007 and January 15, 2008

<b>VP Academic NSAC</b>		<b>Office Use</b>
<b>Location and Address</b>		
Telephone (902)	Fax (902)	E-mail
Proposed Position Title		
Proposed Project Start Date	Proposed Project Completion Date	
Agri-Food Industry Project Cooperator(s)		
Key Words (maximum 10)	List Agri-Food sectors (areas) impacted by the Project	
Category A - General Technology <input type="checkbox"/>		
Primary Project Commodity:		
<b>Project Discipline: (check only one)</b>		
<ul style="list-style-type: none"> <li>• Animal Biotechnology <input type="checkbox"/></li> <li>• Animal Breeding/Reproduction <input type="checkbox"/></li> <li>• Animal Management <input type="checkbox"/></li> <li>• Animal Nutrition <input type="checkbox"/></li>   <li>• Animal Physiology <input type="checkbox"/></li>   <li>• Energy &amp; Other Resources Management <input type="checkbox"/></li> </ul>	<ul style="list-style-type: none"> <li>• Engineering <input type="checkbox"/></li> <li>• Entomology <input type="checkbox"/></li> <li>• Human Nutrition <input type="checkbox"/></li> <li>• Plant Biotechnology <input type="checkbox"/></li>   <li>• Plant Breeding/Reproduction <input type="checkbox"/></li> <li>• Plant Diseases <input type="checkbox"/></li> </ul>	<ul style="list-style-type: none"> <li>• Plant Physiology <input type="checkbox"/></li> <li>• Plant/Crop Management <input type="checkbox"/></li> <li>• Soil Resource Management <input type="checkbox"/></li> <li>• Water Resource &amp; Atmosphere Management <input type="checkbox"/></li> <li>• Water Resource Characterization <input type="checkbox"/></li> <li>• Weeds <input type="checkbox"/></li> </ul>

**Section A – Proposed Research Chair Project Information – to be completed by NSAC**

1. Proposed Research Chair Resource Requirements.  
Details for the following:  
a) Proposed Department (including mailing address) for proposed position  
b) Identify: office, laboratory, field/animal facility requirements and supporting availability (if shared resources, please indicate management plan)

2. Explain how the proposed chair position meets the objectives of the Technology Development 2000 Program.

3. Briefly describe the qualifications required for this proposed position and anticipated selection process.

4. Describe the expected outcomes from this funding of this proposed position for the five-year term.

5. Describe how this proposed position fits within the strategic needs of the institution (NSAC).

6. Describe the review criteria and methodology to be used in evaluating this proposed position.

<b>Section B – Industry Priority – to be completed by Agri-Food Industry Cooperator(s)</b>	
1. Brief description and mandate of the Agri-Food Industry Cooperator(s).	
2. Describe the need/priority for this proposed research position for the industry.	
3. Briefly describe the economic impact of this industry and the potential industry expansion to benefit the Nova Scotia Agri-food Industry.	

<b>Section C – Proposed Position Management – to be completed jointly by Agri-Food Industry Cooperator(s) and NSAC</b>	
1. Describe the limitations and/or issues you expect the proposed position to address in their research program.	
2. Describe the expected interactions with industry for this proposed position.	
3. This proposed position is expected to dedicate 80% of time to research and 20% teaching. If this proposed position will not support this time commitment, provide rationale for the variance.	
4. Describe how the Industry cooperator(s) will be involved in the direction and management of this proposed position and level of involvement, eg. Advisory board (structure and frequency), research priority setting, reporting requirements.	

## Research Chair Budget Form

Source:	Start-up Year 1			Years 2-5		
	TD	Other <sup>1</sup>	NSAC	TD	Other	NSAC
<b>Chair Costs</b>						
Salary of Chair <sup>2</sup>						
Recruitment Costs <sup>3</sup>						
Office/Lab Space <sup>4</sup>						
Field/Animal Facilities <sup>4</sup>						
Office/misc support <sup>5</sup>						
<b>Research Operating<sup>6</sup></b>						
Technical Support						
Student Support						
Equipment Rental/Use						
Supplies						
Travel						

<sup>1</sup> Indicate name of supporting organization(s) and whether funds are derived directly from industry or from another government grant or loan

<sup>2</sup> Starting salary for an assistant professor averages \$55K, and requires benefits of 17%. In recent years, salary increased 4-6% per year, including increments and negotiated increases.

<sup>3</sup> Recruitment costs average \$12,000 (advertising, interviews, moving expenses)

<sup>4</sup> Indicate renovations/upgrades necessary to accommodate new researcher and program in year 1, as well as annual occupancy costs estimated at \$8/sq ft.

<sup>5</sup> Computer and safety/workplace training \$2000 in first year only. Clerical, computer support, office supplies, telephone, fax, photocopying, etc., estimated at \$10,000 per year per researcher.

<sup>6</sup> Description of expected support may or may not be available at the time of application, but is preferred. A minimum of \$15,000 annually in industry funds ensures that the researcher will be able to leverage through various funding programs the necessary operating funds for a successful research program. For example, to run a small research program with a technician, graduate student, and 2 summer students costs approximately \$74,000 annually (\$30K + \$16K + 2x \$4K + \$20K supplies/equipment/travel).

## Section E – Statement of Certification

As the industry partners supporting this position, we understand that Research Chairs are employees of the Province of Nova Scotia and report to their employer. We will be given opportunity to provide input regarding their performance meeting the stated objectives of the position relative to our industry. We recognize that there are other duties and responsibilities that the Research Chair must fulfill. These may include, but are not limited to, teaching, participation in research activities at the national and/or international level, and publication in peer-reviewed journals.

As the applicant supporting this position, we understand that Research Chairs have accountability to their supporters in the Agri-Food Industry. We will ensure that there is an evaluation mechanism for the Research Chair that considers the stated objectives and priorities of the industry partner.

We declare that the information contained herein, and in all supporting documents, is true in all respects to the best of our knowledge. We give permission to the administration of the Technology Development 2000 Program to confirm this and any further information required. We further declare that we have read the fund guidelines and agree that if the application is approved in whole or in part we will abide by the terms and conditions as set out in those guidelines. We consent to the release of the applicant name, project title, business contact information, abstract/executive summary and the amount of any support received under this program as public information, to be actively disseminated by the Department of Agriculture. We acknowledge that any other information provided, unless disclosed for the purposes to which I/we have consented above, will be subject to the confidentiality and disclosure provisions of the *Freedom of Information and Protection of Privacy Act*.

Signatures:

For Industry:

For Applicant:

Name:

Title:

Full Organization Name & Address:

Name:

Title: VP Academic

Nova Scotia Agricultural College

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