BRINGING SCIENCE AND POLICY TOGETHER

This competitive fellowship integrates academic research and evidence-informed policy-making by embedding PhD holders into federal and provincial government host offices. Fellows' skills, expertise and research experience is applied to the host offices' policy issues to create better public policy for Canadians.
CSPF PROGRAM HIGHLIGHTS

- 12-month immersive fellowship in a host government office
- Salary range is $70,000 to $80,000 per year
- Applications open November 27, 2019 and close on February 5, 2020
- Must be a Canadian citizen or permanent resident to apply
- Open to all disciplines
- PhD required
PAST FELLOWSHIPS INCLUDE...
UNDERSTANDING HUMAN ENHANCEMENT TECHNOLOGY FOR SOLDIERS

the FELLOWS
Expertise in neuroscience, physiology, cognition, and ethics

the ISSUE
Understanding policy issues and risks that may arise from emerging and disruptive technologies for soldiers

the OUTCOME
Provide DRDC with a view of the ethics and policy landscape pertaining to globalization and technologically-enhanced future capabilities through cognitive, robotic, and physiological methods.
<table>
<thead>
<tr>
<th><strong>GLOBAL ALLIANCE FOR HIGH CONTAINMENT BIO-THREATS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>the FELLOW</strong></td>
</tr>
<tr>
<td>Microbiology expert and former World Health Organization intern</td>
</tr>
<tr>
<td><strong>the ISSUE</strong></td>
</tr>
<tr>
<td>Taking a leadership role in an international biosafety network, a global alliance working to strengthen international response and protocols to high-consequence diseases</td>
</tr>
<tr>
<td><strong>the OUTCOME</strong></td>
</tr>
<tr>
<td>Training gap analysis report, operational capability and competency matrix, preparation of best practices process map, and an emergency communications protocol</td>
</tr>
</tbody>
</table>
ADVANCING PLANT HEALTH PRIORITIES FOR THE CANADIAN PLANT HEALTH COUNCIL

the FELLOW
A biologist with a diverse background in plant physiology, phytochemistry, and molecular biology

the ISSUE
Identifying ways to improve uptake of voluntary biosecurity measures to preventing plant pests from crossing borders

the OUTCOME
An assessment of the awareness and uptake of biosecurity resources and programs amongst growers and the general Canadian public

Federal placement at the CANADIAN FOOD INSPECTION AGENCY
COLLABORATING WITH INDIGENOUS COMMUNITIES ON FOREST MANAGEMENT

the FELLOW
Ecologist focused on integrating Indigenous knowledge

the ISSUE
How to develop partnerships that build capacity for incorporating Indigenous knowledge into forest resource management in British Columbia

the OUTCOME
A framework to encourage increased adoption of traditional ecological knowledge into existing resource management frameworks, and develop stronger relationships with Indigenous communities

Provincial placement at BC MINISTRY OF FORESTS, LANDS AND NATURAL RESOURCE OPERATIONS
INFORMING THE RESPONSE PRIORITIES FOR BC’S EARTHQUAKE EARLY WARNING SYSTEM

**the FELLOW**
Civil engineer with a focus on assessing water infrastructure

**the ISSUE**
How to prioritize infrastructure assets when reacting to an earthquake early warning (EEW) system in the event of a major earthquake

**the OUTCOME**
Recommendations to inform the technological development of the EEW and the subsequent infrastructure management responses it triggers

Provincial placement at EMERGENCY MANAGEMENT BC
HOW TO PLAN LONGTERM FOR CLIMATE CHANGE

the FELLOW
Expert researcher focused on managing environmental and social issues related to climate change and future thinking by decision makers

the ISSUE
Planning for climate change can be overwhelming and decision makers may not know where to start to protect local agriculture

the OUTCOME
The introduction of the pathways approach as a framework to support long-range planning and highlight agriculture as a sustainable means of local food production

Provincial placement at the BC MINISTRY OF AGRICULTURE
APPLYING BEHAVIOURAL SCIENCE TO INCREASE USE OF PUBLIC SERVICES

the FELLOW
Expert in visual attention and long-term memory with expertise in psychology, neuroscience, and human behavior.

the ISSUE
Citizens don’t always take advantage of, or understand, available provincial services or regulations, e.g. a business owner is confused about paying taxes and misses the deadline.

the OUTCOME
Recommendations for evidence-informed solutions that foster uptake of, and compliance with, provincially managed services.

Provincial placement at BC PUBLIC SERVICE AGENCY
Fellows gain skills that impact their careers, knowledge, and networks.
“I have absolutely loved my experience. It has definitely allowed me to advance my career in a direction that I would not have been able to go had I not been accepted into the program.”

2016-17 Canadian Science Policy Fellow

“The Mitacs Canadian Science Policy Fellowship is an invaluable program to attract highly qualified personnel to the Government of Canada. CFIA has now hosted 9 fellows in 3 years. We view the program as a mutually beneficial way to introduce critical food safety, plan health and animal health government functions to those with roots in academia. In return, we have been rewarded with talented, highly motivated, natural leaders who continue to make valuable contributions.”

3-time Canadian Science Policy Fellowship Host