

# AllerGen's Highly Qualified Personnel (HQP) Training Program

One of the Network's most impactful ... and transformational accomplishments

## Boosting Canada's research reservoir

AllerGen's HQP program has increased Canada's research capacity, launched the careers of numerous young investigators and clinician-scientists, and produced highly employable graduates working in diverse sectors.

## Supporting women in science

Through its various initiatives, AllerGen's HQP program has successfully attracted and retained a high proportion of Canadian female researchers skilled in the study and practice of science – in a gender ratio that far exceeds the national average.

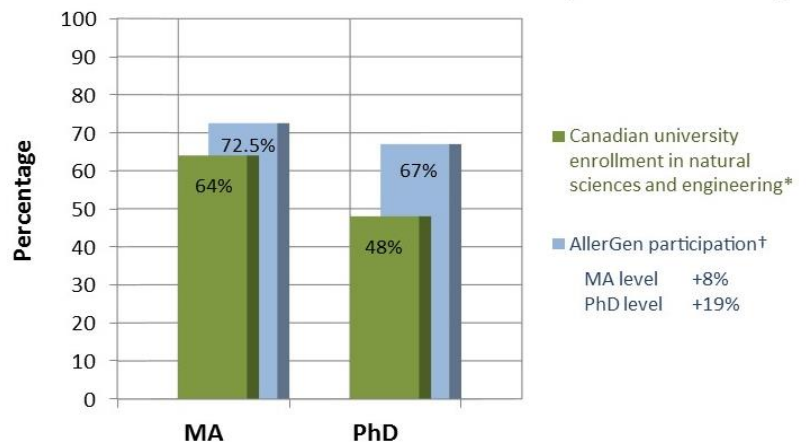
### AllerGen supports women in science to develop advanced-stage research expertise

A November 2010 NSERC report suggests that despite increases, women are still under-represented at higher degree levels in the fields of natural science and engineering.

- **“leaky pipeline”** of women leaving the academic pipeline at critical junctures is a significant problem
- **ratio of women-to-men** at Master's level of academic study is 64%, and 48% at the doctoral level



**Women participants by academic level:**  
AllerGen NCE vs. Canadian Universities (NSERC fields of study)

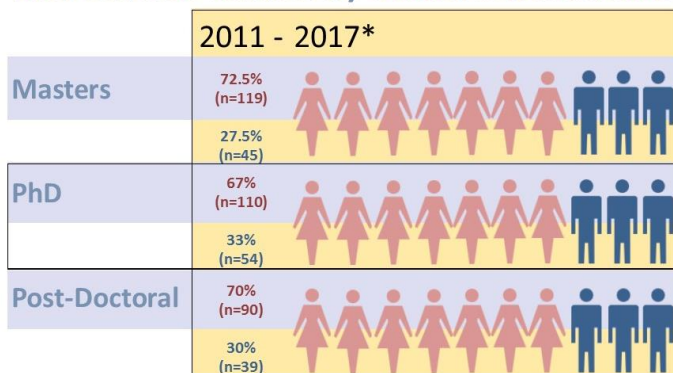


\* Source: “Women in Science and Engineering In Canada” (NSERC, November 2010).

† Source: AllerGen NCE (April 2011-January 2017; 2016-17 data is year-to-date 9 months only).



### AllerGen NCE Trainees by Gender and Academic Level



\* 2016-17 data is 9 months

From 2011 to 2017, women represented:

**72.5%** of AllerGen HQP at the Master's level

**67%** of AllerGen HQP at the doctoral level

**70%** of AllerGen HQP at the postdoctoral level

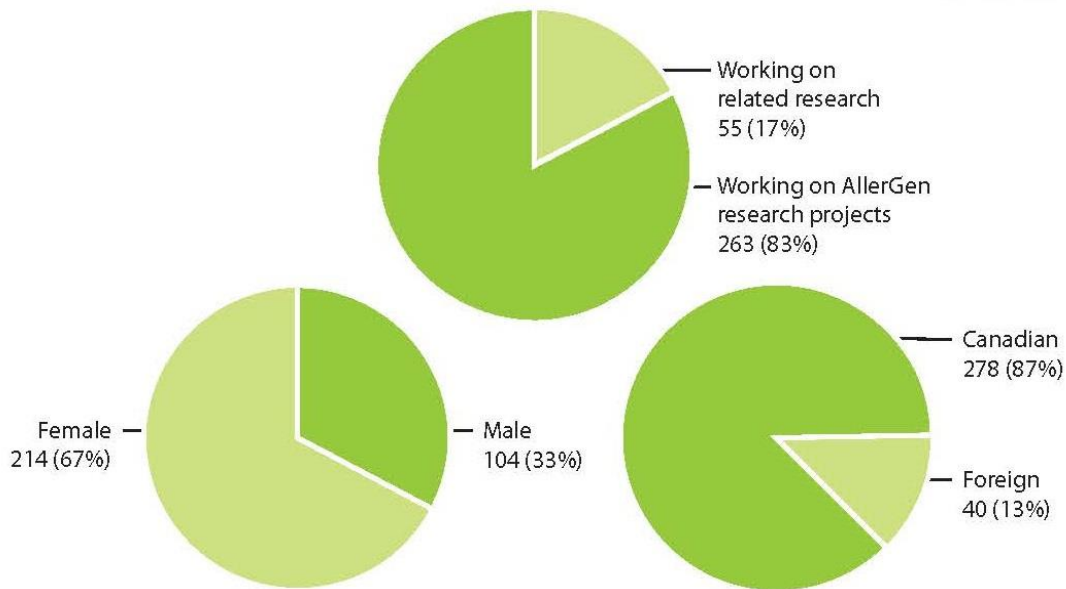


## Producing highly employable graduates across diverse sectors

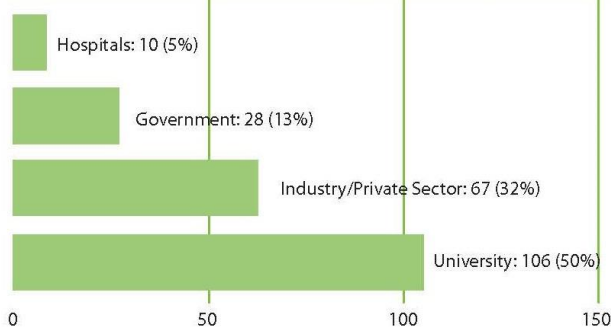
- 211 AllerGen trainees have found employment across sectors (2005-2016)
- 56 AllerGen trainees have been awarded faculty positions
- ~ 50% of faculty positions have been secured by women

## A Snapshot of AllerGen HQP 2015-2016

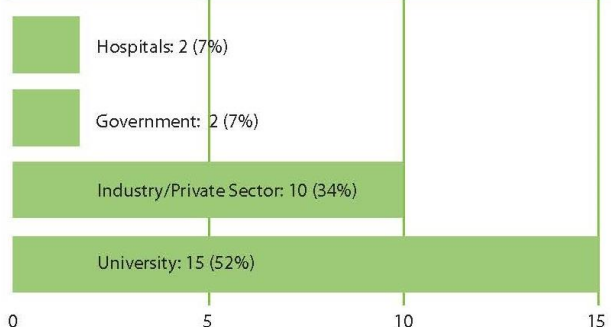
(n=318)



### AllerGen HQP employment by sector: 2005-2016 (n=211)

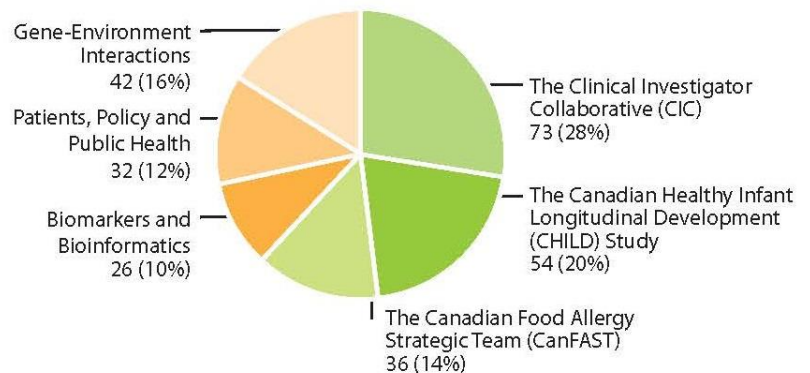


### AllerGen HQP employment by sector: 2015-2016 (n=29)



### AllerGen HQP by Research Program (n=263)

Enabling Platforms (38%) Legacy Projects (62%)



### AllerGen HQP Graduates 2005-2016 (n=374)

