



# STEM CELL NETWORK

*Tomorrow's health is here.*

## TRAINING TOMORROW'S RESEARCH LEADERS FAST FACTS

### Canada's stem cell researchers: in high demand & finding meaningful employment

The Stem Cell Network (SCN) is committed to building a strong community of highly skilled researchers dedicated to advancing Canada's standing as a global leader in stem cell research. Since 2001, SCN has provided specialized training to more than 3,000 highly qualified personnel (HQP) — also known as SCN trainees. SCN training activities often take place in partnership with other like-minded organizations. This collaborative approach has been key to delivering on SCN's training mandate.

*Training Tomorrow's Research Leaders: An Impact Analysis of the Stem Cell Network's Training Program* examines the impact of this training program by tracking 1,500 HQP to better understand how they are contributing to Canada's economy. This fact sheet looks to explore the origins of SCN trainees and where they become employed to better understand the potential linkages and benefits to Canada.

#### Who are SCN trainees?

*SCN trainees are highly trained individuals at the Masters, PhD and postdoctoral levels who have participated in SCN skills training, workshops, lab exchanges and events.*

#### Summary of Findings

**80%** of SCN trainees identified as Canadian citizens or permanent residents during their SCN training

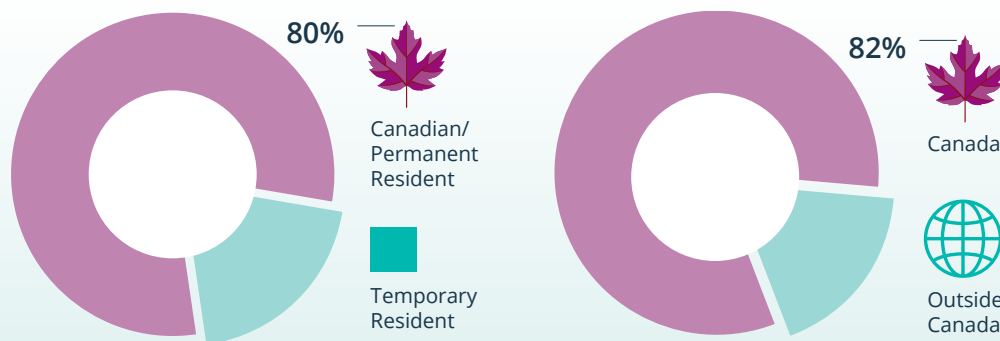
**82%** of SCN trainees chose to reside in Canada following their training

**98%** of SCN trainees employed in Canada work in 1 of 4 provinces (ON, QC, BC, AB)

Canadian-trained stem cell research professionals are employed in world-class institutions both in Canada and worldwide. Overall findings suggest that many international students are choosing to remain in Canada following their training, helping cement Canada's current and future leadership in stem cell and regenerative medicine research.

The results also underscore that, for nearly two decades, the Stem Cell Network has actively contributed to developing a solid network of researchers trained to undertake innovative stem cell research now and in the years and decades ahead. This strong base of HQP is helping foster critical advancements in the field — research leadership that is making vital contributions to Canada's economic and health sectors.

### Canadian Citizenship at Time of Training and Current Location of Trainees




The figure on the left shows how many SCN trainees considered themselves Canadian Citizens/Permanent Residents or Temporary Residents. Meanwhile, the figure on the right shows how many SCN trainees currently live and work in Canada and how many are working abroad.



*These experiences and collaborations were of great benefit as I transitioned into an academic appointment and developed my own independent research program. I am tremendously grateful to the SCN and its many investigators and trainees whose expertise, creativity and collaborative spirit have helped shaped my career.*

— Amy Zarzeczny, PhD, Associate Professor,  
Johnson Shoyama Graduate School of Public Policy, University of Regina

Ontario, followed by Quebec, British Columbia and Alberta are the top provinces for SCN trainees to find work and choose to live. This is not a surprise as these provinces offer the most opportunity for those interested in the health sciences.



Regional Breakdown of Employed HQP	
Province	HQP per Province n (%)
Ontario	503 (49.5%)
Quebec	197 (19.4%)
British Columbia	166 (16.3%)
Alberta	127 (12.5%)
Saskatchewan	9 (1%)
Nova Scotia	8 (1%)
Prince Edward Island	2 (0.2%)
Manitoba	2 (0.2%)
Newfoundland and Labrador	1 (0.1%)
New Brunswick	1 (0.1%)

The Stem Cell Network (SCN) is a national non-profit that supports stem cell and regenerative medicine research, training the next generation of highly qualified personnel and delivering outreach activities across Canada. SCN's goal is to advance science from the lab to the clinic for the benefit of all Canadians. SCN has been supported by the Government of Canada since its inception in 2001. Valued at more than \$100 million, in nearly two decades this strategic funding has benefited approximately 175 world-class research groups and 3,000 trainees.

Read the full report, *Training Tomorrow's Research Leaders: An Impact Analysis of the Stem Cell Network's Training Program*, at [stemcellnetwork.ca/about-us/reports](https://stemcellnetwork.ca/about-us/reports)