TO ACHIEVE RESEARCH BREAKTHROUGHS THAT WILL TRANSFORM OUR FUTURE

TO FOSTER THE NEXT GENERATION OF BRILLIANT PHYSICIANS

TO SHARE THE TRANSFORMATIONAL POWER OF THEORETICAL PHYSICS WITH THE WORLD

"[Turok] has been instrumental in developing Perimeter's reputation as one of the world's leading centres for cutting-edge theoretical physics as well as public outreach. Unlocking the secrets of the universe is not enough; at Perimeter, they want everyone to share in the joy of discovery."


"In less than 15 years, a global hub for quantum research has been created from almost nothing in Waterloo Region. It includes: the largest theoretical physics institute in the world, the most state-of-the-art labs ever built to fabricate quantum devices and hundreds of researchers recruited from around the globe. Spinoff companies are being created, patents are being filed and luxury hotels and restaurants are springing up to service an incoming scientific class. Quantum is becoming a household word for the general public, who are lapping up science lectures at surprising rates."

– "The Quest for Quantum Valley."
The Waterloo Region Record, April 20, 2013

FOR FURTHER INFORMATION, SEE THE 2012/13 ANNUAL REPORT TO INDUSTRY CANADA.

WWW.PERIMETERINSTITUTE.CA
GLOBAL SCIENTIFIC EXCELLENCE

An independent international study on research excellence ranked Perimeter 5th in physics overall, and 1st in theoretical physics worldwide. excellencemapping.net

Researchers published 397 papers in 2012/13.

Since 2001, researchers have published 2,500+ papers in 60 journals with 77,000+ citations.

150 SCIENTISTS

The world’s largest community of theoretical physics researchers.

Re-appointed Neil Turok as Director, and appointed him to the Lazaridis Bohr Chair in Theoretical Physics.

Recruited 5 new faculty, bringing the total to 32; 12 are cross-appointed with Canadian universities.

Appointed 12 new Distinguished Visiting Research Chairs, bringing the total to 34 – among them, Stephen Hawking.

An independent international study on research excellence ranked Perimeter 5th in physics overall, and 2nd in theoretical physics worldwide. excellencemapping.net

Researchers published 397 papers in 2012/13.

Since 2001, researchers have published 2,500+ papers in 60 journals with 77,000+ citations.

SEEDING THE FUTURE

Perimeter alumni go on to work in academia, industry, medicine, technology, and more.

In 2012/13, 6 postdoc students obtained tenure-track positions at top universities.

Perimeter grades founded 2 new tech companies, Canopy Labs and Invenia Technical Computing.

Faculty earned 11 major prizes and honours.

Davide Gaiotto won the New Horizons in Physics Prize from the Fundamental Physics Prize Foundation.

Kendrick Smith shared in the Gruber Prize for his work with the Wilkinson Microwave Anisotropy Probe (WMAP), mapping the universe’s oldest light.

THE NEXT GENERATION

Drawing the very brightest young physicists from across the globe to train at Perimeter.

Tackling the big questions at the frontiers of theoretical physics.

In 2012/13, the groundbreaking Perimeter Scholars International (PSI) program trained 29 students, including 10 women, from 15 different countries.

PSI has graduated 125 students from 37 countries since 2009.

In 2012/13, 10 new postdoctoral fellows were recruited, bringing the community to 41.

There were 39 PSI students at Perimeter in 2012/13, and completed their internships.

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GROWING THE PUBLIC/PRIVATE PARTNERSHIP

Created the Axiamander Scholarship for exceptional young physicists with donations from the Heirloom Heritage Foundation and the Savvas Charadrinos Family Foundations.

Attracted over $1.6 million from individuals, corporations, and foundations.

Launched new funding circles for dinners at all levels.

Obtained 32.8 million in research grants in 2012/13.

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Canopy Labs

Invenia

Launched Perimeter’s educational resources internationally, Singapore’s Ministry of Education purchased a full suite of resources, including training to build a nationwide teachers’ network.

Delivered more than 10 teachers’ workshops, reaching more than 1,500 educators and 72,000 students, including Aboriginal youth in remote communities.

Released Career Moves: Skills for the Journey, Perimeter’s 7th educational module, showcasing science- and math-based careers.


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