



# RESEARCH2REALITY

Shining a light on research & innovation.

## How Does Canada Foster World-Class Research?

An Interview with researchers at York University's **Vision: Science to Applications (VISTA)** program

**Richard Wildes**, Computational Vision Scientist, Associate Director at VISTA

**Shayna Rosenbaum**, Neuroscientist

**Doug Crawford**, Neuroscientist, Scientific Director at VISTA

**Laurence Harris**, Neuroscientist

**Robert Allison**, Virtual Reality Scientist

### Richard Wildes

Government funding is critical to the scientific endeavour. Both whether we're talking about basic scientific questions, or bringing science out into the world, government funding is critical.

### Shayna Rosenbaum

One of the big challenges that we face is how to translate basic research into applications, ones that can be useful to patient populations who, in my field, experience memory loss.

### Doug Crawford

To have applied research, we must have the fundamental knowledge. And if we don't keep building up our basic knowledge through fundamental research, discovery-based research, that well would run dry eventually. And that's why it's so important for our federal government, our provincial governments, and so on, to look forward past the time that industries and others might look and say, "Let's make the discoveries now that'll keep us in the lead 10-20 years from now."

TODAY'S RESEARCH. TOMORROW'S REALITY.

