



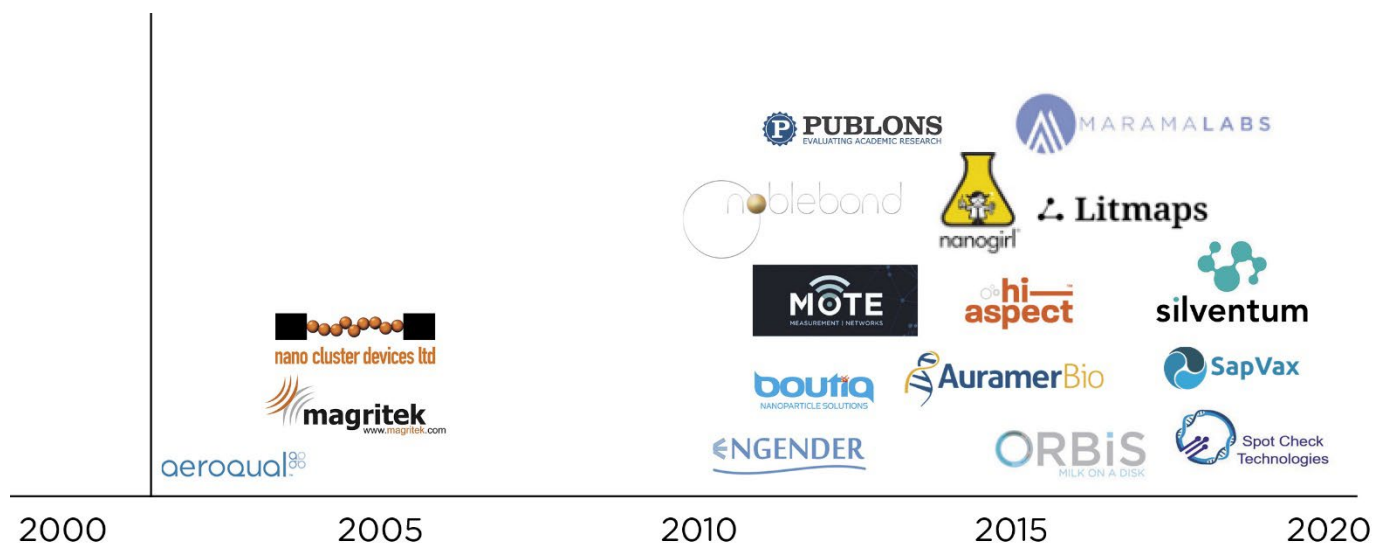
The MacDiarmid Institute

for Advanced Materials and Nanotechnology

News and Updates

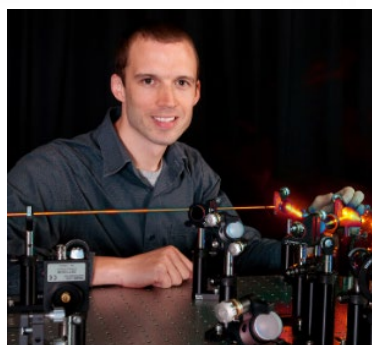
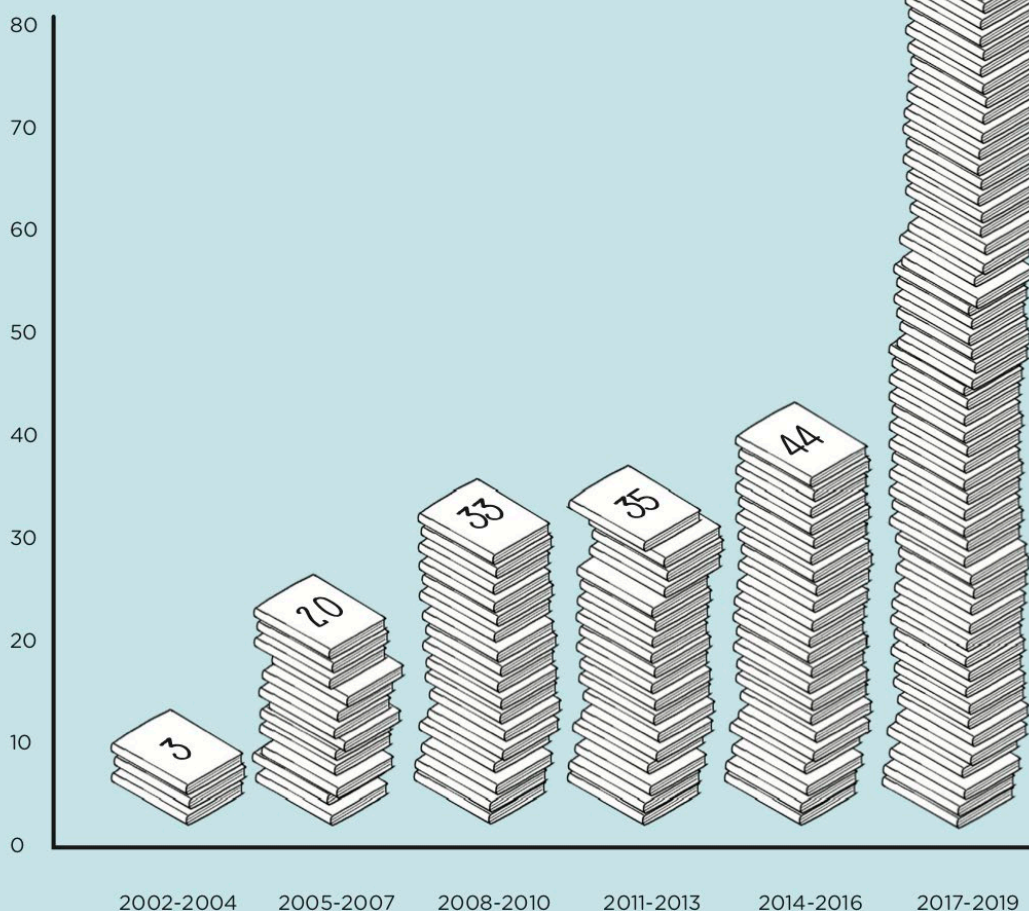
2019 has been another successful year for the Institute.

This year four of our researchers were awarded medals at the [Royal Society Honours Awards](#) for excellent achievement in their respective fields. MacDiarmid Institute researchers were awarded over [\\$26 million in competitive funding](#). Three of our people won at the [KiwiNet Research Commercialisation Awards](#). We gained **eight new Associate Investigators**, and **one new Emeritus Investigator**. We're connecting with Venture Taranaki and the new NNEDC and had follow up meetings with **engineering companies in Taranaki** to help with the government-led transition to a low emissions economy. **107 students** applied for our annual DiscoveryCamp, and **166** for our annual NanoCamp, **double the amount that applied last year**. We funded **fifteen 3-month internships** for our PhD graduates in government and industry.



We have one new company, bringing the spinouts associated with the Institute to 17.

HIGH IMPACT PUBLICATIONS OVER TIME (JOURNAL IMPACT FACTOR GREATER THAN 10)



Scholarships for Māori and Pasifika students

We are offering scholarships to support Māori and Pasifika students studying science. This is an extension of our long running [DiscoveryCamp programme](#), to support students studying in the physical sciences, Māori sciences or sciences related to sustainable innovation.

NZ's top research innovators recognised at the Kiwinet Awards

Three MacDiarmid Institute-associated innovators received Kiwinet Research Commercialisation awards for their achievements actively commercialising publicly funded research in New Zealand.

Co-Director Justin Hodgkiss wins MWC prize for Chemical Science

Our Co-Director Professor Justin Hodgkiss has been awarded the 2019 [Maurice Wilkins Centre Prize for Chemical Science](#). This is the premier prize of the [New Zealand Institute of Chemistry \(NZIC\)](#) and is awarded to a candidate based on the excellence and impact of their chemistry.



MacDiarmid Business Scholarships

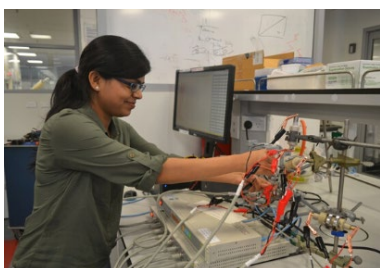
Every year we offer a limited number of competitive scholarships for our alumni to undertake further postgraduate study in business-related areas. This year we awarded two scholarships to Lita Lee and Amy Zhu.

Recent media



Not-so-modest proposals for Tiwai - The Spinoff

Some of our scientists this month had a think about an ambitious solution that would keep jobs in Southland, delivering on the promise of the Zero Carbon Act to make NZ all but carbon neutral by 2050.



Rechargeable batteries are toxic, so I'm building my own - Stuff

PhD student Shalini Divya explains why she is on a mission to find new materials to make rechargeable batteries more sustainable



How to make solar electricity cheap? Move light sideways - The Spinoff

Dr Nathaniel Davis discusses his research exploring how solar concentrators will make solar technology more affordable.



Element of the Week - Boron (B) - Radio NZ

Principal Investigator Dr Natalie Plank introduces the element Boron on RadioNZ Nights' Element of the Week.

Videos



Paul Atkins, Chief Executive at Zealandia and Chair of the MacDiarmid Board, gives the backstory of Zealandia's work creating an ecosanctuary in the middle of Wellington City



Dr Pauline Harris, Senior Lecturer in the Centre of Science in Society at the Victoria University of Wellington, discusses how she came to work with mātauranga Māori and how materials science can contribute to solving environmental issues in Māori communities

We wish you all the best for a safe and well-deserved break over summer.