



The MacDiarmid Institute

for Advanced Materials and Nanotechnology

\$48 million for MacDiarmid Institute

Kia ora,

We are very happy to be able to tell you that the MacDiarmid Institute has been refunded.

The government announced today that we have been selected by the Tertiary Education Commission (TEC) in the 2019/20 CoRE round and will receive \$48 million over seven-and-a-half years from July 2021–December 2028.

The Institute's research over the next funding cycle will include:

- Building on the MacDiarmid Institute's international leadership in both porous and photo- or electroactive materials to create new classes of materials that soak up carbon dioxide and convert it to valuable products—closing the carbon cycle.
- Building on the MacDiarmid Institute's world-leading intellectual property in nanomaterial electronics and spintronics to develop materials that think like a brain, thereby shifting computation—whose carbon footprint surpasses air travel—towards a low-energy future while increasing the power to solve hard problems.
- Building on the MacDiarmid Institute's highly interdisciplinary track record in soft materials to reimagine the use and reuse of materials themselves, from taonga 3D-printed from traditional Māori materials to creating a form of artificial cells that self-regulate and reconfigure for different functions.

We're very glad the government has chosen to fund us at this time. Materials science is inherently concerned with issues of sustainability — both in the design of materials for energy generation and conservation, but also in considering the sustainability of materials themselves, including how we make and recycle them. We are excited to be being supported to make a difference for Aotearoa New Zealand over the next eight years, on some of the biggest challenges of our society.

You can read more about this [on our website](#).

