

## MEDIA RELEASE

30 July 2014

### Funding to take discoveries to new dimensions

Senator the Hon Concetta Fierravanti-Wells will today launch a new ARC Centre of Excellence for Electromaterials Science (ACES) with \$25 million in Federal Government funding that will see the University of Wollongong heading up an international materials research effort.

ACES, which now brings together six Australian and five international partners, will embark on an ambitious program that will take materials science research, training, commercialisation and engagement programs into new dimensions through to 2020.

ACES Director Professor Gordon Wallace said ACES will build on its internationally recognised fundamental research program to fast track the development of new industries and manufacturing opportunities around the next generation of batteries, solar cells and medical implants.

“We enter this new era with a confidence that comes from having established a world class body of knowledge through our previously funded ARC Centre of Excellence,” Professor Wallace said.

“Having revealed the amazing properties of electromaterials encountered in the nanodomain, we are now challenged to take these properties into structures, with nano-micron sized features suitably distributed throughout macroscopic devices,” he said.

With the support of the Australian National Fabrication Facility (ANFF) and NSW Government funding, ACES will take advantage of advanced 3D fabrication equipment and engineering expertise to provide the transition from fundamental research to workable 3D products.

The new centre will be a hub for the ongoing development of new industries and a training ground for the next generation of researchers who will lead them.

“ACES will be a cauldron of research activity that will challenge the most gifted researchers attracted from around the globe as well as provide an excellent training ground for students.”

#### Media Opportunity:

Senator the Hon Concetta Fierravanti-Wells will officially open the new ACES at a reception held:

11.45am 30 July 2014

Leon Kane-Maguire Theatre

AllIM Facility, Innovation Campus

Squires Way, North Wollongong

Please contact Sarah McMaster on 02 4221 3788 or [sarahmcm@uow.edu.au](mailto:sarahmcm@uow.edu.au) to attend or arrange an interview with Professor Gordon Wallace.

*ACES collaborators and partners listed on page 2.*

**ACES is made up of the following organisations:**

**Administrating Organisation**

University of Wollongong

**Collaborating Organisations**

Deakin University

Monash University

University of Tasmania

The Australian National University

The University of Melbourne

**Partner Organisations**

Dublin City University, Ireland

University of Warwick, UK

Friedrich Alexander University, Germany

Hanyang University, Korea

Yokohama University, Japan

