

## ACADEMY MEDALS AND LECTURES — 2007

Central to the purpose of the Academy is the encouragement of excellence in science. Awards for distinguished research are made to younger researchers, under the age of 40, and to senior researchers for contributions made during their working lives.

### Career awards

Matthew Flinders Medal and Lecture for research in the physical sciences

Professor Peter Hall, Australian National University, for research in theoretical and applied statistics, and probability theory and its application.

David Craig Medal for research in chemistry

Emeritus Professor Hans Freeman, University of Sydney, for research into the mechanisms of redox active copper proteins.

Haddon Forrester King Medal, sponsored by Rio Tinto, for research in mineral exploration

Professor David Groves, University of Western Australia, for research into the origin of granite-greenstone belts.

Hannan Medal for research in statistical science

Emeritus Professor Eugene Seneta, University of Sydney, for research in branching processes and the theory of non-negative matrices.

Jaeger Medal for research in the Earth sciences

Emeritus Professor Ian McDougall, Australian National University for research into global tectonics and geomagnetism.

Lyle Medal for research in mathematics or physics

Professor Yuri Kivshar, Australian National University, for research into nonlinear physics and optics.

### Early-career awards

Dorothy Hill Award for research by a female in the Earth sciences, reef sciences, marine geology or taxonomy

Dr Léanne Armand, Centre d'Océanologie de Marseille, France for research into the taxonomic treatment of Southern Ocean diatoms.

Fenner Medal for research in biology, excluding the biomedical sciences

Dr Peter Dodds, CSIRO Plant Industry, for research into the molecular biology of host pathogen interactions.

Gottschalk Medal for research in the medical sciences

Professor Jamie Rossjohn, Monash University, for research into infection and cellular immunity.

Le Fèvre Memorial Prize for research in chemistry

Professor Thomas Maschmeyer, University of Sydney, for research into materials and catalysis.

Moran Medal for research in statistical science

Professor Robin Hyndman, Monash University, for research into theoretical statistics and applied research, particularly forecasting.

Pawsey Medal for research in physics

Professor Ben Eggleton, University of Sydney, for research into optical device physics and photonics.

More information on  
awards is available at:  
[www.science.org.au/  
awards.htm](http://www.science.org.au/awards.htm)