The Royal Society of New South Wales

The Clarke Medal 2013

The Clarke Medal was established to acknowledge the contribution by the Rev William Branwhite Clarke MA FRS FGS, Vice-President of the Royal Society of New South Wales from 1866 to 1878 The Medal is awarded annually for distinguished work in a natural science done in Australia and its Territories.

The Medal is awarded by rotation in the fields of geology, botany and zoology. This year's award is in the field of geology in all its aspects. Nominations are called for the names of suitable persons who have contributed significantly to this science.

Nominations should include a list of publications, a full curriculum vitae and a statement clearly indicating which part of the nominee's work was done in Australia and which part was done overseas.

The winner will be expected to write a review paper of their work for submission to the Society's Journal and Proceedings.

In cases where the Council of the Society is unable to distinguish between two persons of equal merit, preference will be given to a Member of the Society.

Agreement of the nominee must be obtained by the nominator before submission and included with the nomination.

Only electronic submissions will be accepted. Nominations and supporting material must be submitted to the Honorary Secretary at secretary@royalsoc.org.au no later than **30 September 2013**.

The winner will be announced and the Medal presented at the Annual Dinner of the Royal Society scheduled to be held in 2013. The winner will be notified at least two weeks beforehand.

The Royal Society of New South Wales

The James Cook Medal

The James Cook Medal was established in 1947 with funding by Henry Ferdinand Halloran. Halloran, who had joined the Society in 1892 as a 23 year-old, was a surveyor, engineer and town planner. He did not publish anything in the Society's Journal but he was a very enthusiastic supporter of research. Halloran funded what were to become the Society's two most prestigious awards, the James Cook Medal and the Edgeworth David Medal, the latter being the medal for young scientists.

The James Cook Medal is awarded at intervals for outstanding contributions to science and human welfare in and for the Southern Hemisphere.

Agreement of the nominee must be obtained by the nominator before submission and included with the nomination.

The winner will be expected to write a review paper of their work for submission to the Society's Journal and Proceedings.

Only electronic submissions will be accepted. Nominations and supporting material must be submitted to the Honorary Secretary at secretary@royalsoc.org.au no later than **30 September 2013**.

Should the Medal be awarded, the winner will be announced and the Medal presented at the Annual Dinner of the Royal Society of NSW to be held in 2014.

The Royal Society of New South Wales

Walter Burfitt Prize 2013

The Walter Burfitt Prize was established as a result of a generous gift to the Society by Dr W.F. Burfitt BA MB ChM BSc of Sydney, which was augmented by another gift from Mrs W.F. Burfitt when Dr Burfitt died in 1957. The Prize was further augmented in 2004 by a gift from Dr Burfitt's grand-daughter Mrs A. Thoeming.

The Prize is awarded at intervals of three years to a worker in pure or applied science, resident in Australia or New Zealand, and whose papers and other contributions published during the past six years are deemed of the highest scientific merit. Account is taken only of investigations described for the first time, and carried out by the author mainly in these countries.

Nominations should include a list of publications, a full curriculum vitae and a statement clearly indicating which part of the nominee's work was done in Australia or New Zealand and which part was elsewhere.

The winner will be expected to write a review paper of their work for submission to the Society's Journal and Proceedings.

In cases where the Council of the Society is unable to distinguish between two persons of equal merit, preference will be given to a Member of the Society.

Agreement of the nominee must be obtained by the nominator before submission and included with the nomination.

Only electronic submissions will be accepted. Nominations and supporting material must be submitted to the Honorary Secretary at secretary@royalsoc.org.au no later than **30 September 2013**.

The winner will be announced and the Medal presented at the Annual Dinner of the Royal Society scheduled to be held in 2014. The winner will be notified at least two weeks beforehand.

The Royal Society of New South Wales

The Edgeworth David Medal 2013

The Edgeworth David Medal, established in memory of Professor Sir Tannatt William Edgeworth David FRS, a past President of the Society, is awarded for distinguished contributions by a young scientist.

The conditions of the award of the Medal are:

- The recipient must be under the age of thirty-five years at 1st January, 2012.
- The Medal will awarded be for work done mainly in Australia or its Territories or contributing to the advancement of Australian science.

Nominations are called for the names of suitable persons who have contributed significantly to science, especially the scientific aspects of agriculture, engineering, dentistry, medicine and veterinary science.

Agreement of the nominee must be obtained by the nominator before submission and included with the nomination.

The winner will be expected to write a review paper of their work for submission to the Society's Journal and Proceedings.

Only electronic submissions will be accepted. Nominations and supporting material must be submitted to the Honorary Secretary at secretary@royalsoc.org.au no later than **30 September 2013**.

The winner will be announced and the Medal presented at the Annual Dinner of the Royal Society of NSW to be held in 2014.

The Royal Society of New South Wales

The Warren Prize 2013

The Warren Prize has been established by the Royal Society of NSW to acknowledge Professor William Henry Warren's contribution both to the Society and to the technological disciplines in Australia and internationally. In 1884, Professor Warren established the first engineering faculty in New South Wales at the University of Sydney and was appointed as its Professor. He was President of the Royal Society of New South Wales on two occasions. He had a long career of more than 40 years and during this time was considered to be the most eminent engineer in Australia. When the Institution of Engineers, Australia was established in 1919, Professor Warren was elected as its first President. He established an internationally respected reputation for the Faculty of Engineering at the University of Sydney and published extensively, with many of his papers being published in the *Journal and Proceedings of the Royal Society of New South Wales*.

The aim of the prize is to recognise research of national or international significance by engineers and technologists in their first two decades or so of professional practice. The research must have originated or have been carried out principally in New South Wales. The prize is $500.

Entries are by submission of an original paper written to academic standards. The paper should review the research done and identify its national or international significance. Preference will be given to entries that demonstrate relevance across the spectrum of knowledge – science, art, literature and philosophy – that the Society promotes.

Only electronic submissions will be accepted. Papers may be submitted via e-mail to the Society at this address: editor@royalsoc.org.au. Entrants are referred to "Information for Authors" available from the Society's web-site at URL:
http://www.royalsoc.org.au/publications/author_info.html

Entries for the 2013 award close on **30 September 2013**.

The winner will be announced and the Prize presented at the Annual Dinner of the Royal Society of NSW to be held in 2014.

The Royal Society of New South Wales

Royal Society of NSW Scholarships 2013

The Royal Society of NSW Scholarships are funded by the Society to recognise outstanding achievements by early-career individuals working in a science-related field.

Applications for Royal Society of NSW Scholarships are sought from candidates working in a science-related field in New South Wales or the Australian Capital Territory. Up to three Scholarships will be awarded each year. Applicants must be enrolled as research students at a University in NSW or the ACT, and must be Australian citizens or Permanent Residents of Australia.

The award consists of a certificate acknowledging your achievement, a $500 prize and a free one-year of membership of the Society. The winners will be expected to deliver a short presentation of their work at the Monthly Meeting of the Society and to prepare a short paper for the Society's Journal.

For further information and inquiries please contact the Society at info@royalsoc.org.au.

Applicants should email their submission to: secretary@royalsoc.org.au **by 30 September 2013**.

The winners will be invited to make a presentation on their work at the first Society's first meeting in 2014 to be held in Sydney on Wednesday, 5 February. 2014

Archibald Liversidge:
Imperial Science under the Southern Cross

Roy MacLeod
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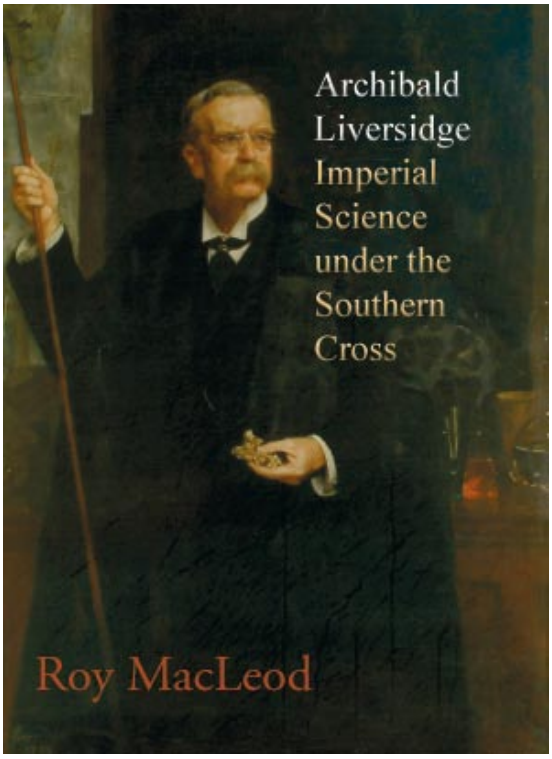

When Archibald Liversidge first arrived at the University of Sydney in 1872 as Reader in Geology and Assistant in the Laboratory, he had about ten students and two rooms in the main building. In 1874, he became Professor of Geology And Mineralogy and by 1879 he had persuaded the University Senate to open a Faculty of Science. He became its first Dean in 1882.

In 1880, he visited Europe as a trustee of the Australian Museum and his report helped to establish the Industrial, Technological and Sanitary Museum which formed the basis of the present Powerhouse Museum's collection. Liversidge also played a major role in establishing the *Australasian Association for the Advancement of Science* which held its first congress in 1888.

This book is essential reading for those interested in the development of science in colonial Australia, particularly the fields of crystallography, mineral chemistry, chemical geology and strategic minerals policy.

To order your copy, please complete the form Liversidge Book Order Form available at: http://royalsoc.org.au/publications/books/McLeod_Liversidge_Order_Form.pdf and return it together with your payment to:

The Royal Society of NSW,
(Liversidge Book),
121 Darlington Road,
Darlington NSW 2006,
AUSTRALIA

or contact the Society:

Phone: +61 2 9036 5282
Fax: +61 2 9036 5309
Email: info@royalsoc.org.au

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INFORMATION FOR AUTHORS

Details of submission guidelines can be found in the on-line Style Guide for Authors at: http://royalsoc.org.au/publications/author_info.htm.

Manuscripts are only accepted in digital format and should be e-mailed to: editor@royalsoc.org.au

The templates available on the Journal website should be used for preparing manuscripts.

If the file-size is too large to email it should be placed on a CD-ROM or other digital media and posted to:

The Honorary Secretary (Editorial),
The Royal Society of New South Wales,
121 Darlington Road,
DARLINGTON NSW 2006.

Manuscripts will be reviewed by the Editor, in consultation with the Editorial Board, to decide whether the paper will be considered for publication in the Journal. Manuscripts are subjected to peer review by at least one independent reviewer. In the event of initial rejection, manuscripts may be sent to other reviewers.

Papers (other than those specially invited by the Editorial Board) will only be considered if the content is either substantially new material that has not been published previously, or is a review of a major research programme. In the case of papers presenting new research, the author must certify that the material has not been submitted concurrently elsewhere nor is likely to be published elsewhere in substantially the same form. In the case of papers reviewing a major research programme, the author must certify that the material has not been published substantially in the same form elsewhere and that permission for the Society to publish has been granted by all copyright holders. Letters to the Editor and short notes may also be submitted for publication.

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