

Annual Report
for the 161st year

of the

ROYAL SOCIETY OF NZ
WELLINGTON BRANCH
INCORPORATED

for the

Year ended 31st August,
2012

Report for the 161st year of

ROYAL SOCIETY OF NEW ZEALAND
WELLINGTON BRANCH INCORPORATED

Founded July 1851 as the New Zealand Society

Reconstituted November 1867 and renamed the Wellington Philosophical Society

Incorporated in 1868 with the New Zealand Institute Act 1867

Renamed in 1938 as the
Wellington Branch of the Royal Society of New Zealand

Incorporated in 1939 under the Incorporated Societies Act 1908 as the
Wellington Branch of the Royal Society of New Zealand Incorporated

The Society changed its name in 1995 to
Science Wellington Incorporated and then changed in 2001 to
Royal Society of New Zealand Wellington Branch Incorporated

The Branch was registered in 2009 as a Charitable Entity with the
Charities Commission (registration number CC42176)

The Branch is a Regional Constituent Organisation of the Royal Society
Of New Zealand under the Royal Society of New Zealand Act 1997,
Section 14. It is a Committee under Sections 14(2) and 28(3)

P.O. Box 3085, Wellington 6011, New Zealand
www.wellington.rsnz.org

COUNCIL OFFICE BEARERS, AFFILIATES AND MEMBERS FOR 2011-12

PRESIDENT

David Lillis

VICE-PRESIDENTS

Frank Andrews

Sally Hasell

SECRETARY

Ian West

TREASURER

Yvonne Curtis

FINANCIAL REVIEWER

Ross Moore

COUNCIL MEMBERS

Lucy Forde

Margaret Gordon

Elf Eldridge (from 3 July 2012)

BRANCHES REPRESENTATIVE

Ian West

FOR RSNZ



Back row: Lucy Forde, Ian West, Margaret Gordon, Elf Eldridge
Front row: Yvonne Curtis, Sally Hasell, David Lillis, Frank Andrews

PRESIDENT'S REPORT 2012

The Year's Activities

This year (2012) was another successful year for the Wellington Branch. Our objective is to promote Science, Technology and the Humanities in the Wellington region, and during the year Council worked hard to meet this objective.

This year, the Branch produced a newsletter which featured both Branch and Royal Society of New Zealand activities. Through Lucy Forde and Elf Eldridge (members of Council) and Ruth Knibbe (Branch member) the Branch continued to support and host Cafe Scientifique lectures. In addition, the Branch continued to promote the regional Mainly Science Book Club by hosting its web site.

The Branch hosts a number of special lectures, including the Hudson Lecture, the Charles Fleming Lecture and the Leonard Cockayne Lecture. This year we held the Leonard Cockayne Lecture and the Hudson Lecture. The Leonard Cockayne Lecture was given by Professor Kevin Gould, of Victoria University, on Wednesday 21 March. The Hudson Lecture was given by Associate Professor Phil Lester, also of Victoria University, on Wednesday 25 July. Both of these lectures were superb, and were each attended by over 80 people. A brief summary of each lecture is given in this Annual Report.

The Branch continued to co-sponsor Glean Media in producing a regular bulletin on science, technology and humanities events in the Wellington region. This year we provided \$4000 to support this worthy initiative. If you wish to subscribe to and receive these bulletins, simply e-mail a "subscribe to Glean Report" request to gleanmedia@gmail.com.

The Branch continued to support the NIWA Wellington Regional Science and Technology Fair. Yvonne Curtis (our Treasurer) joined their Committee for this year and we provided our usual prize of \$1000.

With great sadness we noted the passing of Professor Sir Paul Callaghan and Dr Des Hurley early in 2012 and, more recently, of Phillip Alve and Gregor Yeates. Phillip was a member of Council for many years. Phillip made significant contributions, not only to the Branch, but also to the Regional Science Fair, on whose Committee he served for many years. Gregor was also a member of Council of the Wellington Branch for many years, and served a term as President. In recent years Gregor served with the Manawatu Branch after moving to Palmerston North. Both Philip and Gregor will be greatly missed.

Last year, Council awarded Emeritus Membership to two long-standing members – Professor Leslie Swindale and Mr. Frederick Knox. However, their awards were not announced at the 2011 AGM, and we are presenting them with their certificates this year.

In addition, in 2011 George Jones (a former President of the Branch) was made an Honorary Member of the Branch for his services over many years. This year we will also present George with a certificate of Honorary Membership.

I am pleased to report progress with the Branch's Oral History Pilot Project after a long period of dormancy. Last year we were successful in retrieving all the recorded interview tapes and depositing them with the Oral History Centre of the Alexander Turnbull Library (OHC). It is generally known that there has been major dislocation of National Library services over the past two years due to extensive renovation of the premises in Molesworth Street. As a consequence of this disruption, we will have to wait until November of this year until the OHC is able to do anything more than store the deposited tapes and documentation. Two weeks ago I was informed that provision had been made, at no cost to the Branch, for the copying of the analogue tapes into digital format on DVD disks. As transcription is done in real time, and there is a serious backlog in their system, OHC will have to limit the production of disks for us to five per month. Our first priority has been to get interview copies into the hands of those interviewed, and it is with sincere regret that we have been unable to achieve this objective due to a series of unfortunate circumstances. We still require volunteers to abstract the interviews. A review of the project will be undertaken during the coming year.

Changes to Council

In 2012 I took over as President from John Field, who resigned from Council at the 2011 AGM, after three years as President. At the end of 2011 George Jones stepped down from his role as Communications Officer and Robert Persse resigned from Council to concentrate on the Oral History project. Elf Eldridge joined Council in July of this year.

Membership

As you know, in recent years our Sections have ceased to exist, membership has declined, and our overall level of activity is below that of former years. These matters are of concern to Council, and this year we discussed at length the future of the Branch and revised its Constitution. Accordingly, the humanities are now included within our object and in future will comprise an integral part of our Branch Structure.

Yvonne Curtis (Treasurer) continued to review and update our membership database during the year. During 2012 membership continued to decrease. Because our membership is both aging and declining in numbers, the on-going viability of the Branch depends more critically than ever on recruiting new and younger financial members, and members of Council. We wish to increase the Branch membership and ensure the on-going viability of the Branch. We are committed to maintaining the Branch, which has played its part within the culture of the Wellington region since its inception in 1851.

Branch Branding

In 2011 the Royal Society of New Zealand created new branding for the branches, including logos for each Branch. In order to promote our new image, this year we purchased three new banners, incorporating kowhai flowers as a floral motif. Partial funding for the banners was provided by the Royal Society of New Zealand. The Branch wishes to record its sincerest thanks to the Royal Society of New Zealand for this very welcome financial support.

Financial Position

At the end of 2012 the Branch's financial position remains strong, though we still have to meet the on-going challenge of increasing costs at a time of declining membership. The Financial Report for 2012 is given in this Annual Report.

Future of the Branch

During August Council elicited the views of the Branch membership on the future activities of the Branch through a survey of members. Preliminary findings of this survey were sent to our membership in early October, and Council intends to report more fully in early 2013.

This year several members will step down from Council. A declining number of Councillors will make it difficult to establish a viable Council with enough members who have the time to share the tasks of organising and overseeing Branch activities. Over the last year, several interesting ideas for revitalising the Branch have been suggested, including tours of local scientific institutions for members, co-operating with the Dunedin Branch in organising an annual Science Festival, and selecting a science-related topic for debate. These are good ideas, but we must have people on Council with the time and commitment to make such ideas happen.

Finally - I wish to thank all members of Council for their contributions over the last year and for making my role as President a very pleasant one. Both Vice-Presidents, Frank Andrews and Sally Hasell, have been very supportive. Ian West (Secretary) and Yvonne Curtis (Treasurer) have made huge contributions. Many thanks to Lucy Forde for her very successful involvement with Café Scientifique. I wish to record a vote of thanks to Margaret Gordon. Margaret made outstanding contributions to all of the main activities of the year. My thanks also to Ross Moore for his contributions as Financial Reviewer. During the year we gained a new member of Council – Elf Eldridge. Elf is studying for his Ph.D in physics at Victoria University. We are very pleased indeed to have Elf as a member of Council.

Best wishes for 2013.

David Lillis
Branch President

TREASURER'S REPORT

For the year ended 31 August 2012

The year has ended with a small loss. Branch membership is still falling, but the lower income this year is mainly due to the fact that as at 31 August we have 24 members who have not paid since 2010, and 14 who have not paid for 2011, who are still listed as financial members as per the constitution. Two new members joined this year, but given formal resignations and five members who were removed for non-payment of subscriptions, the number of paying members has dropped by 13 to 125.

As can be seen from the accounts the Branch still has reasonable reserves and should be able to continue to support its present commitments for the next few years. However, the review and discussions about the future of the Branch that the Council is undertaking at present are very timely.

I regret I will not be able to continue as Treasurer and tender my resignation as of the AGM. I am willing to continue as Treasurer for a short time after the AGM if a new Treasurer cannot be found by then.

I would like to thank Alison Towers, our accountant and Ross Moore, our financial reviewer, for their help this year.

Yvonne Curtis
Hon Treasurer
21 September 2012

FINANCIAL REVIEWER'S STATEMENT

For the year ended 31 August 2012

In my opinion based on the examination of the books and records of the Royal Society of New Zealand Wellington Branch Incorporated, the financial statements of the Branch for the financial year ended 31 August 2012 show the correct operating results for the year and the true financial position as at that date.

V R Moore
Financial Reviewer
8 October 2012

BALANCE SHEET as at 31 AUGUST 2012

Balance Sheet as at 31 August 2012

Current Assets

Current Account	5,218.52	
Short Term Deposits	<u>23,000.00</u>	
Total Current Assets		28,218.52

Current Liabilities

Accruals	<u>700.00</u>	
Total Current Liabilities		<u>700.00</u>
Net Assets		<u>27,518.52</u>

General Fund Opening	27,630.62	
Retained Earnings – Current year	<u>(112.10)</u>	
Total General Fund		<u>27,518.52</u>

Notes:

Accruals:	\$125	Bookkeeping services
	\$575	Room hire for Fleming and Hudson lectures

NOTES to the INCOME AND EXPENDITURE ACCOUNT

Other Expenses:

Support for Glean service	\$2000
Oral History expenses	\$516

Other Income:

Grant for Oral History project from The Alexander Turnbull Library	
Endowment Trust (Jack Hott)	\$360

INCOME AND EXPENDITURE ACCOUNT for the YEAR ENDED 31 AUGUST 2012

	2012		2011	
	Income	Expenses	Income	Expenses
Membership Subscriptions	3,177.00		4,743.00	
Bank interest	961.07		948.30	
Donations	275.00		156.79	
Sundry income	404.95		546.00	
AGM & Dinner				
Income	840.00			
Venue& equipment hire				
Refreshments	(1,126.51)			
Net income/expenses		286.51		311.04
Science Book Club				
Subscriptions	506.00			
Net income/expenses	506.00		1,889.20	
Lectures & meetings				
Room & equipment hire	(575.00)			
Other expenses	(53.60)			
Net income/expenses		628.60		647.50
Science and Technology Fair Prize		1,000.00		1,000.00
Communications				
Printing & Stationary	(65.95)			
Postal services	(181.60)			
Net income/expenses		247.55		650.80
Administration Expenditure				
Book keeping services	(125.00)			
Other expenses	(632.46)			
Net income/expenses		757.46		211.60
Other expenses (see notes)		2516.00		
Total income/expenses	5,324.02	5,436.12	8,283.29	2,820.94
Net surplus(loss)			<u>(112.10)</u>	<u>5,462.35</u>

MEMBERSHIP

As at 31 August 2011

Total 155 (167). The numbers in brackets are as at 31.8.11

Ordinary, Family and Retired members 125 (138)

Life 3 (4)

Emeritus 23 (21)

Honorary 4 (4)

*Indicates a Family Member

Members

Mr F P Andrews	Prof M J Crozier	Ms Marilyn Head
Dr R A Arnold	Prof N F Curtis*	Dr D D Heath
Mr W M Arnold	Mrs Y M Curtis*	Dr Jim Hefford
Dr Jim Baltaxe	Mr J Daniels	Dr R H Herzer
Dr S C Bannister	Prof C H Daugherty	Dr J Hickman
Dr H Barr	Dr Rose G Davies	Ms G Higgs-West*
Mr J J Bartlett	Dr W Dickinson	Ms LM Horwood
Ms Claire Basham	Prof R G Downey	Dr M Ingham
Dr C Bassett	Mr N Dowrick	Dr J B Jones
Dr E G Bassett	Dr B H Easton	Dr Ruth Knibbe
Mr J Bathurst	Mr J E Eldridge	Mr M H Lehner
Prof M V Berridge	Cdr D P Fairfax	Dr P Lester
Dr B D Bibby	Ms K A Fairweather	Mr B J Lett*
Dr H M Bibby	Mr J E Field	Mrs E Lett*
Mr Barry Blackett	Mr Glyn Filer	Glenda Lewis
Ms M Bobbett*	Dr J E C Flux*	Dr David Lillis
Ms C Bobbett*	Mrs M Flux*	Dr G L Lyon
Ms H Bright*	Mr Murray Forbes	Dr V H McCann
Miss G L Brown	Dr Lucy C Forde	Donald S McDonald
Mr D C Calhoun	Mr Walter Freitag	Dr A D McEwen*
Mr D S Capper	Mr Ian Goodwin	Dr W M McEwen*
Mr N Challands	Dr M E Gordon	Mrs B McFadgen*
Dr P T Chester*	Dr V R Gray	Prof Don McGregor
Dr D A Christoffel	Dr P A Greet*	Dr Mark McGuinness
Mr Frank Cook	Mr J G Gregory	Dr A H McIlraith
Ms Kate Coolahan	Dr A J Haines*	Dr W L McLea
Mr P R Cowley	Dr E M Haines*	Mr D A McNeill
Mr J H J Crawford	Prof J F Harper*	Dr D V Madle
Mr R S Cretney	Dr M A Harper*	Mr E A Mason
	Dr Sally Hasell	Ms A Milburn

Dr D C Mildenhall
Dr I J Miller
Ms B Mitcalfe
Dr Alex Mitchell
Mr Owen Moore
Dr Syd Moore
Mr V R Moore
Dr E I F Pearce
Ms Suzi Penny
Mr R Persse*
Dr E M Poulter*
Dr W L Power
Dr G F Preddey
Dr J I Raine*
Mr C B Rampton
Dr M E Reyners
Dr G F Risk
Mr C J R Robertson
Prof M K Savage
Dr R I Skinner
Mr Cam Smart
Ms J R Smith
Prof E G C Smith
Dr M Staines

Dr M K Stewart
Dr R P Suggate
Dr C M Sutton
Mrs H M Tobin
Dr P Tortell
Prof Matt Visser
Prof R I Walcott
Dr G J Weir
Prof J B J Wells
Mr I F West*
Dr G V M Williams
Dr David Wratt

Emeritus members

Dr K R Allen
Mr K W Cory-Wright
Mr Paul Cotton
Dr J W Dawson
Dr R R Dibble
Dr G W Gibbs
Dr G W Grindley
Dr J R Hulston
Mr C E Ingham
Mr F B Knox

Dr D Lovatt
Mr W J P MacDonald
Dr A Malahoff
Mr R J Munster
Mrs Sheila Natusch
Dr J J Reed
Dr E I Robertson
Mr L J Rollo
Dr T M Skerman
Dr I G Speden
Dr G R Stevens
Prof L D Swindale
Dr W A Watters

Honorary members

Dr O Bauer
Dr G G C Claridge
Dr R B Miller
Mr G L Jones

Life Members

Mrs H R Hughes
Dr B G McFadgen
Dr D Spiller

EVENTS

Since the recent temporary closure of Science House for renovation and extension, special lectures hosted by the Branch have been held in lecture theatres on the nearby Pipitea campus of Victoria University of Wellington. Two well-attended lectures were hosted this year, namely the RSNZ Leonard Cockayne Memorial Lecture on 21st March and the RSNZ Wellington Branch Hudson Lecture on 25th July.

RSNZ LEONARD COCKAYNE MEMORIAL LECTURE

2012

Ever green but seeing red?

Deciphering the palette of New Zealand's flora.

Professor Kevin S. Gould

School of Biological Sciences, Victoria University of Wellington

In a lively interactive talk, Kevin Gould showed that New Zealand's forests, though evergreen, nevertheless possess the same pigments that adorn the dying leaves of deciduous trees. Such pigments are abundant in shoots and roots throughout our flora, and these have begun to yield intriguing scientific stories. Far from being an extravagance without a purpose, the crimsons, carmines, purples and pinks have been implicated in a variety of vital functions, and are currently attracting keen attention from scientists worldwide. In some instances, the pigments serve as visual signals that warn approaching herbivores that the plants are well defended. Kevin presented evidence for this from his research group, and showed also how species lacking such chemicals could benefit by leaf mimicry of those species in which red pigmentation was indeed associated with defence chemicals. In other instances, pigments effectively camouflage shoots against the background colours of the forest understory. Red pigments also appear to protect plants from the onslaught of numerous environmental stressors such as strong light, UVB, drought, and free radical attacks.

The Leonard Cockayne Memorial Fund was established by public subscription to commemorate the life and work of Leonard Cockayne by encouraging botanical research in New Zealand. The award is presented every three years and includes a lecture tour by the recipient.

HUDSON LECTURE 2012

Invasion of the Wasps: Predation, Competition and Conservation Biology Associate Professor Phil Lester, School of Biological Sciences, Victoria University of Wellington

Invasive species are currently contributing to one of the highest biodiversity extinction rates the world has known. Phil Lester examined wasps in New Zealand as a case study, since invasive social wasps form one group of invaders that reach massive densities in New Zealand beech forests - the highest known densities anywhere. This situation arises from the abundance of honey dew produced by aphids that feed on the beech tree sap, and from the ability of introduced wasps to displace native birds almost completely as the honey dew consumers. Phil used results from his research team to show how wasps also destroy forest invertebrates such as spiders and moth caterpillars in obtaining the protein part of their diet, and reduce ant numbers by competition and aggression. Phil concluded the lecture by considering our management options for invasive wasp control. He showed how a high level of mortality is needed to produce an adequate effect by chemical control, and that attaining this level is not feasible over such a wide area. This leaves biological control as the only option to pursue, despite the challenges to date.

The Hudson Lecture is the RSNZ Wellington Branch's premier annual lecture. It recognises the achievements of the lecturer in the advancement or promotion of science and technology. It honours George Vernon Hudson (1867 - 1946) who was a distinguished amateur naturalist and scientist. An original Fellow of what is now Royal Society of NZ, he was on its Council from 1923 to 1946. He was President of this branch (then Wellington Philosophical Society) in 1900-01 and 1911-12. A formal obituary and photograph appear in the Transactions and Proceedings of the RSNZ 76: 264 - 266.

ANNUAL GENERAL MEETING 2011

The AGM was held at Carter Observatory on 23rd October, 2011 following the usual dinner. The speaker for this event was **Peter Griffin** of Science Media, who gave a talk on "**Science Communication**".

Peter Griffin is the former Technology Editor of the New Zealand Herald and spent nearly eight years covering business and technology for the paper as a reporter and columnist, winning numerous awards. He was the technology columnist for the Herald on Sunday and a commentator for TVNZ, radio New

Zealand and Radio Live while as a freelancer he wrote widely on technology for magazines such as PC World, Idealog and the New Zealand Listener. In 2005 he relocated to Wellington to complete a masters degree in creative writing at Victoria University's Institute of Modern Letters.

CAFÉ SCIENTIFIQUE

There are two Café Scientifique meeting series organised, one at Te Papa (Wellington) and one at Mediterranean Food Warehouse (Lower Hutt). Both series were again well attended this year.

SCIENCE EXPRESS @ TE PAPA

The Science Express discussion group in the Café Scientifique format is held at the Espresso Café on Level 4 at Te Papa on the first Thursday evening of each month, supported by GNS Science, Te Papa, and the Royal Society of New Zealand Wellington Branch.

September 2011: Near Earth Objects

John Field

March 2012: Riding the Waves To A New Energy Future

Dr John Huckerby

April: From Stress to Strength

Gaynor Parkin

May: Rena – The Oil Spill

Dr Chris Battershill

June: Transits of Venus

William Tobin

[lecture in Transit of Venus series instead of Café meeting, since Thursday 3rd May was the transit of Venus date]

July: End of Oil? No Fraccin' Way!

Dave Bennett

August: The Role Of The Environment In New Zealand's History

Brian Easton

September: Mad On Radium - NZ In The Atomic Age

Rebecca Priestley

CAFÉ SCIENTIFIQUE LOWER HUTT

These meetings are held at the Mediterranean Food Warehouse, Lower Hutt, on the last Thursday evening of each month, supported by GNS Science, Industrial Research Ltd, Hutt City Council, the Royal Society of New Zealand Wellington Branch and the Mediterranean Food Warehouse (since May 2012). Before May 2012 the meetings were held at Wholly Bagels, Lower Hutt.

September 2011: World Cup Special - Rugby, Physics & Innovation	Dr Geoff Willmott
October: Seeking More Environmentally-Friendly Cements - Do The Egyptian Pyramids Provide A Clue?	Prof Ken MacKenzie
November: Air Quality - How Clean Is The Air That We Breathe?	Dr Bill Trompetter
February 2012: From Stress To Strength - The Science Of Resilience	Gaynor Parkin
March: How Did You Sleep Last Night? - Sleep Disorders and How They Change During Our Lives	Rosie Gibson
April: Understanding NZ Earthquakes	Dr Martin Reyners
May: Kiwimars - Can NZ Contribute To A Space Programme, And Should We?	Haritina Mogosanu & Elf Eldridge
June: Does NZ Have Future In Nanotech?	Dr John Watt
July: How Safe Is Our Food? - Food Risks And The Regulatory Environment	Mike Clear
August: Could It Be The Higgs Boson?	Prof Matt Visser
September: Flips & Wiggles - The Mystery Of Earth's Magnetism	Dr Gillian Turner

THE ORAL HISTORY PROJECT

Please refer to the President's Report (page 4). In addition we are pleased to report that Robert Persse, formerly a member of the Branch Council, has now been trained in interviewing and abstracting. He has abstracted the recordings of Peter Webb – Antarctica. He works closely with the Oral History Centre of the Turnbull Library to ensure that all work meets their standards.

While our first priority is to get disks to the scientists who were interviewed, we are hopeful that we can proceed to abstract all existing tapes and then consider interviewing a second tranche of researchers.

MAINLY SCIENCE BOOK CLUB

The Mainly Science Book Club successfully made the transition to kindles this year. This has considerably reduced the work involved with both books and money, and has increased the flexibility and independence of the two strong groups that continue to meet monthly. The library itself has been gratefully received by the National School Library Service and Onslow College has established its own Mainly Science Book Club as a result of the availability of these books. Many thanks to Wellington Science for its support, especially for the web link: <http://wellington.rsnzbranch.org.nz/bookclub.htm>

Marilyn Head

THE 48th NIWA WELLINGTON REGIONAL SCIENCE AND TECHNOLOGY FAIR

Chairman	John Warriner
Science Fair consultants	Lorraine Warriner
Entries	Gren Higgs
NIWA Liaison	Sylvia Nichol
Programme	Michael Pallin
Accounts	Lesley Young
Royal Society Liaison	Yvonne Curtis
Chief Judge	Gillian Turner
Sponsors and special prizes	Sylvia Nichol, Nick Julian
Secretary	Brian Belworthy
Website coordinators	John Warriner & Gren Higgs
Website Advisor	Tim Price
Victoria University liaison	Dr Gordon Heeley, Helen Rowley

The 2012 NIWA Wellington Regional Science and Technology Fair was again very successful with over 400 entries. Entries were of a very high standard.

The top winners were:

First in Class 1	Keiran Lewellen	The Beaches are Moving	Wellington Home Education Network
First in Class 2	Merryn Thompson	Do Different Seaweeds Affect the Growth Rate of Blackfoot Paua and What Effects Will Global Warming Have?	Northland School
First in Class 3	Danielle Watson; Olivia Macrae	Mighty Magnets	Tawa College
First in Class 4	Adrina Venayagam	Wood ash to the rescue	Tawa College
First in Class 5	Lydia Hingston	Antibiotics versus Probiotics	Queen Margaret College

Wellington Branch of the Royal Society of NZ Prize for Best Overall Exhibit:
Lydia Hingston: Antibiotics versus Probiotics. Queen Margaret College.

A full schedule of Prize winners can be viewed on the Science Fair website at:
www.sciencefair.org.nz

Wellington Regional Science and Technology Fair

Financial Accounts

for the year ended 31 March 2012

Certification of Accounts

I certify that these accounts have been chosen to be prepared to comply with generally accepted accounting practice (GAAP) for the financial period ending 31 March 2012 for the Wellington Regional Science & Technology Fair (Organising Committee).

The accounts represent an accurate representation of the financial affairs of the Committee for the period.



Lesley Young, CA
Hon Treasurer

26 June 2012

Date

Verification of Accounts

I have viewed the accounts and supporting papers for the financial period ending 31 March 2012 for the Wellington Regional Science & Technology Fair (Organising Committee).

The papers presented to me represent an accurate representation of the financial affairs of the Committee for the period.



Sandy Dayal
Chartered Accountant

20/8/12

Date

NIWA WELLINGTON REGIONAL SCIENCE & TECHNOLOGY FAIR

A Section of the Royal Society of New Zealand - Wellington Branch Inc
(a Regional Constituent Organisation of the Royal Society of New Zealand)

**STATEMENT OF FINANCIAL PERFORMANCE
FOR THE YEAR ENDED 31 MARCH 2012**

	2012	2012	2011	2011
INCOME				
NIWA Sponsorship	\$6,500.00		\$6,500.00	
Other Donations	\$6,105.00		\$5,308.02	
Interest - Bank	\$702.96		\$294.45	
Total Income		\$13,307.96		\$12,102.47
EXPENDITURE				
Prizes	\$10,415.83		\$8,204.81	
Printing	\$2,157.40		\$2,110.50	
Entertainment - deductible	\$1,149.94		\$1,251.36	
Entertainment - non-deductible	\$0.00		\$0.00	
Labour	\$695.95		\$667.00	
Stationery	\$59.95		\$76.77	
Photocopying	\$236.41		\$95.80	
Bank Fees	\$5.00		\$0.00	
Miscellaneous Expenses	\$184.00		\$53.66	
Total Expenditure		\$14,904.48		\$12,459.90
NET (LOSS)		(\$1,596.52)		(\$357.43)

**STATEMENT OF FINANCIAL POSITION
AS AT 31 MARCH 2012**

	2012	2012	2011	2011
ASSETS				
Bank Account - General Fund	(\$446.77)		\$3,440.74	
Bank Account - HD Gordon Memorial Fund	\$2,427.10		\$2,441.64	
		\$1,980.33		\$5,882.38
Interest Receivable from NBNZ		\$245.00		\$0.00
Term Deposit		\$12,000.00		\$10,000.00
Accounts Receivable		\$0.00		\$0.00
TOTAL ASSETS		\$14,225.33		\$15,882.38
LIABILITIES				
Accounts Payable	\$0.00		\$261.36	
Accrued Expenses - Unpresented Cheques	\$640.00		\$439.17	
Total Liabilities		\$640.00		\$700.53
EQUITY				
Retained Earnings - General Fund	\$12,754.75		\$13,097.64	
Retained Earnings - HD Gordon Memorial Fund	\$2,427.10		\$2,441.64	
(Loss)/Income for the Year	(\$1,596.52)		(\$357.43)	
Total Equity		\$13,585.33		\$15,181.85
TOTAL LIABILITIES AND EQUITY		\$14,225.33		\$15,882.38
cross check		(\$0.00)		\$0.00

WELLINGTON SCIENCE FAIR

Trial Balance	31/03/2011	DR	CR	31/03/2012	
INCOME					
NIWA sponsorship			(6,500.00)	(6,500.00)	
Other donations - received in bank			(6,105.00)	(6,105.00)	
Rebate for Display Boards			0.00	0.00	
Interest - Bank			(702.96)	(702.96)	702.00
EXPENSES					
Prizes awarded	10,855.00	(439.17)		10,415.83	
Printing	2,157.40			2,157.40	
Entertainment - deductible	1,411.30	(261.36)		1,149.94	
Entertainment - non deductible				0.00	
Labour	695.95			695.95	
Stationery	59.95			59.95	
Photocopying	236.41			236.41	
Bank fees	5.00			5.00	
Misc expenses	184.00			184.00	
ASSETS					
Bank account - National Bank	5,882.38	640.00	(4,542.05)	1,980.33	bank stmt
Interest receivable from bank	0.00	245.00		245.00	1,980.33
Accounts Receivable	0.00			0.00	
Term Deposit	10,000.00		2,000.00	12,000.00	
LIABILITIES					
Accounts Payable	(261.36)	261.36		0.00	
Accrued expenses - unpres chqs 31 March 2011	(439.17)	439.17	(640.00)	(640.00)	
EQUITY					
Retained Earnings	(15,181.85)			(15,181.85)	
YTD Net Income	0.00			0.00	
TOTAL	0.00	17,190.54	(17,190.54)	0.00	
			0.00		

Notes:

1. Accrued \$640.00 in unrepresented cheques for the 2011 awarded prizes
2. Wrote off \$439.17 in unrepresented cheques for the 2010 awarded prizes

3. H D Gordon account

Opening balance	2,441.64	
Prize awarded	(100.00)	
Interest for the year (term deposit 3.50%)	85.46	
	<u>2,427.10</u>	(446.77)

4. Entertainment expense - the catering at the Fair is 100% deductible

5. Reverse the accrual for the Warriner's catering costs at Science Fair August 2010 (100% deductible) - now come thru

DR Accounts Payable	261.36	
CR Meals		261.36

6. Accrue for interest on term deposit

		12,000.00	
Term deposit from August to May 12 (9 mth term)	3.5% pa	315.00	
Accrue from August to March 12 interest	7 mths	245.00	
DR Interest Receivable from Bank		245.00	
CR Interest - Bank			245.00