

THE CARNEGIE TRUST  
FOR THE UNIVERSITIES OF SCOTLAND

ONE HUNDRED AND FOURTH  
ANNUAL REPORT  
2004-2005

THE CARNEGIE TRUST  
FOR THE UNIVERSITIES OF SCOTLAND  
(Incorporated by Royal Charter)

**ONE HUNDRED AND FOURTH ANNUAL REPORT**

For the year to 30 September 2005

Submitted by the Executive Committee  
to the Trustees on 27 February 2006

CAMERON HOUSE ABBEY PARK PLACE  
DUNFERMLINE FIFE KY12 7PZ

Tel: 01383 622148  
Fax: 01383 622149  
e-mail: [jgray@carnegie-trust.org](mailto:jgray@carnegie-trust.org)  
web: [www.carnegie-trust.org](http://www.carnegie-trust.org)  
Scottish charity SC015600

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**THE CARNEGIE TRUST FOR THE UNIVERSITIES OF SCOTLAND  
THE ONE HUNDRED AND FOURTH ANNUAL REPORT OF  
THE EXECUTIVE COMMITTEE TO THE TRUSTEES**

**CHAIRMAN'S INTRODUCTION 2004-05**

Although it took place four days after the end of the year to which this Report relates, I must start by mentioning the Ceremony held in the Scottish Parliament on 4<sup>th</sup> October 2005 at which Carnegie Medals of Philanthropy were presented to six outstanding philanthropists. The occasion was universally agreed to have been an unqualified success. This could not have been achieved without a great deal of detailed planning and we are particularly grateful to our colleagues in the Carnegie United Kingdom Trust for shouldering the heaviest part of the burden.

The Medals event provided the opportunity for the trustees and staff of Carnegie endowments worldwide to get to know each other, share experiences and develop fruitful relationships for the future. We spent a day together in Dunfermline and, again, we are particularly grateful to the Carnegie Dunfermline Trust and Lauder College for making the day such a success.

The Scottish Universities arranged for a corps of student helpers to be available to look after our visitors, and a quartet from Napier University played at the closing dinner. Our visitors went away with a very high opinion of the quality of our student body.

These events involved monthly meetings of the Planning Group, of which the Secretary and Treasurer (Andrew Miller) and I were members, and the Secretary and Treasurer was also a member of the panel which selected the recipients of the Carnegie Medals.

In parallel with these meetings, the Secretary and Treasurer, the Bursar (Kate Ellis) and I have been involved in monthly meetings of the "Co-location Working Group" which is planning the construction of a new building to house the four trusts based in Dunfermline (our Trust, the Carnegie UK Trust, the Carnegie Dunfermline Trust and the Hero Fund). At the end of the financial year, we had reached the stage of signing a Minute of Agreement with the other Trusts, selecting a firm of architects, working up the design, and costing the project in detail. It has become clear that realisation of this project at a cost acceptable to the Trusts will not be easy and is likely to involve a substantial additional workload for our small staff.

I would like to pay tribute to the purposeful way in which, since taking up office, the Secretary and Treasurer has played a full part in these activities while ensuring that the regular work of the Trust runs smoothly and efficiently. He has maintained the reputation of the Trust as a grant-giving body that is friendly, encouraging and eager to help applicants to make the most of their case.

The Bursar has become a key member of the Co-location Working Group with responsibility for financial control of the project on behalf of all the Trusts, while continuing to ensure that the financial affairs of our Trust are in good order.

We were very saddened to hear of the death of William McDonald who served as Bursar from 1990 to 2001.

Behind the scenes, the everyday work of the Trust has been kept going with customary efficiency by the Assistant Secretary (Jackie Gray) and the Clerical Officer (Julianne Black). As in previous years, I feel it is worth stressing that very few charitable funds dispense £2 million a year in grants to several hundred beneficiaries with a staff of two part-time and two full-time employees.

Over the year, the capital value of the endowment has climbed back almost to the level from which it fell in 2000 and the income available for distribution to £2 million. For this we are extremely grateful to our investment managers, Martin Currie, and the members of our Investment Committee under Calum MacLeod.

The Audit Committee under Eileen Mackay have continued to guide our thinking and, with their help, we have been able to focus our reserves policy as described in the Secretary's report. While the instructions of the Founder are to distribute the annual income of the endowment to universities and students, we must keep sufficient in reserve to ensure that all the schemes are sufficiently funded throughout the year and that no beneficiary fails to receive an approved grant when it is needed. We have also felt it necessary to retain sufficient in reserve to meet our share of the ongoing costs of the co-location project, especially given the current uncertainty as to the eventual total cost. The level of reserves has not, however, affected any of the schemes, and indeed we awarded three more Carnegie Scholarships (which involve a three-year outlay of £17,000 a year to each scholar) than last year.

Looking to the future, the Secretary and Treasurer has completed a review of all the Trust's activities which will be presented for "first reading" at the meeting of the Executive Committee at the end of November, with a view to consideration at the Annual Meeting of Trustees in February 2006. The provisional conclusion is that the Trust's existing schemes are all of value, although capable of improvement on points of detail. Any major extension of the Trust's activities would involve raising additional funds and the advantages of doing so will need to be weighed against adding to the already heavy burden of work involved in the co-location project.

The funds of the Trust were, however, augmented to the extent of £134,850 by legacies and voluntary donations and we are most grateful to all those who mark their appreciation of the Trust's work in this way.

There have been substantial changes in the body of Trustees. We were distressed to hear of the sudden death of Robin Buchanan-Smith who will be greatly missed both for his wise advice and for his warm and genial personality. The Earl of Elgin and Ewan Brown both resigned as trustees in the course of the year and I would like to record our gratitude to both of them for their wise advice and encouragement.

There were already three vacancies in the body of Trustees and I am delighted to say that all of those who were approached to fill our vacancies agreed to do so with some alacrity. They are Mr Richard Burns, Lord Kerr of Kinlochard, Rev. Charles Robertson, Dr Janet Lowe, Dr David Smith and Dr Ian Sword.

I believe that we can now draw upon a very wide range of talent and experience which will be of value to all aspects of the Trust's activities.

While it was the Founder's intention, reflected in the Charter, that the work of the Trust should be carried out by the Executive Committee, all Trustees are now invited to attend the thrice-yearly meetings of the Committee. This is the best way in which they can be introduced to the sometimes complex details of the work of the Trust.

Finally, I would like to express my personal thanks for all the help and encouragement I have received from my fellow-Trustees and from the staff of the Trust over what has been an exceptionally busy but interesting year.

**Voluntary Repayments by beneficiaries, including legacies: 2004-2005**

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Mr A C Boswell	£120	Donation (Gift Aid)
Mr D S Collins	£205.59	Donation (Royalty Repayment)
Jacqueline Dow	£120	Donation
Mr Norman Excell	£3000	Donation (Gift Aid)
Mr William Jack	£1000	Donation by daughter
Dr Norman Marshall	£2500	Donation
Dr Imtiaz Shah	£300	Donation (Gift Aid)
Mahesh Singh	£100	Donation
Mrs Elizabeth Kerr-Waller	£80,000	Legacy
William Albert Watt Maney Trust	£47,154.93	Legacy
Dr Francis Weir Wigzell	£350	Legacy
Total	£134,850.52	

**Professor Sir David Edward**  
*Chairman*

## THE CARNEGIE TRUST FOR THE UNIVERSITIES OF SCOTLAND

2004-05

### TRUSTEES

#### Nominated Members of the Trust

**Professor Sir David Edward** KCMG QC LLD Drhc DUniv FRSE - Chairman March 2003-. Trustee since 1996. Judge of the European Court of Justice 1992-2004. He is an honorary professor of the University of Edinburgh where he was formerly Professor of European Institutions and Director of the Europa Institute. He is a trustee of the Industry and Parliament Trust, of the Trier Academy of European Law and of the Hopetoun Foundation. He is President of the Franco-Scottish Society and a Vice-President of the British Institute for International and Comparative Law, the United Kingdom Association for European Law and the International Association for Business and Parliament. He is a member of European Studies committees in several British universities

**The Hon. The Rev. Robin Buchanan-Smith** MA ThM. Trustee 1986-2005. *Deceased April 2005.*

**The Rt Hon. Lady Balfour of Burleigh** MA DPhil LLD DLitt FRSE. Trustee since 1994 . Non-executive Director of the Scottish American Investment Trust plc, the Scottish Oriental Smaller Companies Trust plc; Murray International plc and Stagecoach plc. Chairman of the Nuclear Liabilities Fund Ltd; Fellow of the Royal Society of Edinburgh, a Trustee of the National Library of Scotland, the Stewart Ivory Foundation, the City/Whitehall Seminar, and the March Dialogue.

**Ewan Brown** CBE MA LLB CA DUniv FRSE FCIBS. Trustee 1991-2004. *Resigned November 2004.*

**Richard Burns Esq** MA LLB. Trustee since 2005. MA from Oxford in Modern History at Merton College and LLB from Edinburgh University where he for some years tutored students completing the Diploma in Legal Studies. Joint senior partner of Baillie Gifford & Co, investment managers in Edinburgh.

**The Rt Hon. Lord Cameron of Lochbroom** PC FRSE. Trustee since 1980. Retired Senator of the College of Justice; graduate of the Universities of Oxford and Edinburgh; Chancellor's Assessor for the University of Edinburgh and ex officio member of the University Court.

**The Right Hon. The Earl of Elgin and Kincardine** KT MA LLD DLitt. Trustee 1970-2005. *Retired February 2005.*

**Sir Tom Hunter** BA DUniv. Trustee since 2000. Founded West Coast Capital ("West Coast"), the private equity partnership, in March 2001 following the successful sale of his first business, Sports Division. Provided funding support for the formation of the Hunter Centre for Entrepreneurship at Strathclyde University. Co-founder with his wife Marion of The Hunter Foundation (THF) in 1998, a venture philanthropy targeting investment in education and enterprise across Scotland. Director of the Princes Scottish Business Youth Trust (PSYBT), Schools Enterprise Scotland – leader of a fundraising campaign to deliver enterprise education for all of Scotland's primary school children. Chairman of the Make a Wish Foundation in Scotland.

**The Rt Hon. Lord Kerr of Kinlochard** GCMG. Trustee since 2005. Educated at Glasgow Academy and Pembroke College, Oxford. A Diplomatic service career included spells as Permanent Representative to the EU, Ambassador to the USA, and Foreign Office Permanent Under Secretary (when he was a member of the British Council Board). Now Chairman of Imperial College, Deputy Chairman of the National Gallery and Royal Dutch Shell plc, and a Director of Rio Tinto plc and the

Scottish American Investment Company. Also a member of the Rhodes Trust and the Fulbright Commission. A crossbench peer since 2004.

**Janet Lowe** CBE. Trustee since 2005. Retired in 2005 after 10 years service as Principal of Lauder College. Previous posts were at Hull University, Napier University and Duncan of Jordanstone College of Art. Has served as a member of the Court of Heriot Watt University and is currently a member of the Court of the University of Dundee. Has been appointed to the new Scottish Funding Council for Further and Higher Education.

**Eileen A Mackay** CB MA FRSE FRSGS FCIBS. Trustee since 2000. Graduate of Edinburgh University. Formerly a civil servant with the Scottish Office. Current non executive appointments include The Royal Bank of Scotland Group plc and British Library. Previous appointments include court of University of Edinburgh and Economic and Social Research Council. (Married to Sir Muir Russell, who is Principal and Vice-Chancellor of the University of Glasgow).

**Calum A MacLeod** CBE MA LLB LLD. Trustee since 1997. Graduate and former Chancellor's Assessor of the University of Aberdeen, Chairman of Aberdeen Development Capital plc and of Grampian Television. Vice Chairman of the UHI Millennium Institute and a Trustee of the University of Aberdeen Development Trust.

**The Reverend Charles Robertson** LVO JP MA. Trustee since 2005. Minister of Canongate Kirk (The Kirk of Holyroodhouse) since 1979 and a Chaplain to Her Majesty The Queen. Formerly Chaplain to Moray House College of Education and Edinburgh University. One time member of the Broadcasting Standards Council and of Historic Building Council for Scotland. Justice of the Peace for the City of Edinburgh since 1980 and Governor of St Columba's Hospice, Edinburgh, since 1986. Editor of hymn books and liturgical works for the Church of Scotland.

**Sir Lewis Robertson** CBE LLD DUniv DBA LLD FRCSE FRSE. Chairman 1990-2003. Trustee since 1963, Industrialist and Administrator. Sometime Treasurer, The Royal Society of Edinburgh. Chairman, Eastern Regional Hospitals Board, Scottish Arts Council. Formerly Chairman or director of numerous companies, member of Monopolies and Mergers Commission, Restrictive Practices Court, British Council.

**David B B Smith** OBE Dr hc MA LLB FRSA FIoD NP. Trustee since 2005. Graduate of, formerly Vice Convener of Court, Edinburgh University, and currently Chairman of University Trusts and Talbot Rice Gallery. Board Member, NHBC UK and Chairman NHBC Scotland. Trustee Carnegie Dunfermline and Hero Fund, and Carnegie UK Trusts. Formerly Director and Chief Executive Dunfermline Building Society and Vice Chairman Scottish Opera.

**Ian P Sword** CBE PhD FRSC FRSE FRCPE. Trustee since 2005. Trustee Royal College of Physicians Edinburgh, Council Member Royal Society of Edinburgh, Treasurer Edinburgh Drug Absorption Foundation, Chairman Lux Biotech Ltd, Director Archangel Informal Investment Ltd, Chairman Steering Group, Dundee University MBA Life Science Industries. Formerly: Chairman of Inveresk Research Group Inc, Senior Executive Vice President SGS Geneva, Governing Member Caledonian Research Foundation, Director Stem Cell Sciences Holdings Ltd, Member of Edinburgh University Court (Member of Audit Committee and Director of ERI Ltd), Director Scottish Enterprise Edinburgh and Lothian, Member Medical Research Council, (Chairman of MRC Collaborative Centres, Mill Hill and Edinburgh), Member Scottish Higher Educational Funding Council, (Chairman Research Policy Advisory Committee).

**The Rt Hon. Lord Wilson of Tillyorn** KT GCMG PhD FRSE. Trustee since 2000. Chancellor of the University of Aberdeen and Master of Peterhouse Cambridge. Formerly Governor of Hong Kong and Chairman of Scottish Hydro Electric plc (later Scottish and Southern Energy plc). PhD in Modern Chinese History and a Fellow of the Royal Society of Edinburgh.

## **EX-OFFICIO TRUSTEES**

### **Principals and Vice-Chancellors of the Universities of Scotland**

Aberdeen University - Professor C Duncan  
Rice MA PhD FRSE

Abertay Dundee University - Professor  
Bernard King CBE MSc PhD CIMgt FIWSc  
CBiol FIBiol

Dundee University - Sir Alan Langlands BSc  
DUniv FRSE FRCP FRCSE FRCPS FRCGP  
FFPHM FCGI FIA

Edinburgh University – Professor Timothy M  
M O’Shea BSc PhD FRSE

Glasgow University – Sir Muir Russell KCB  
FRSE

Glasgow Caledonian University - Dr Ian A  
Johnston CB BSc PhD CCMi FCIPD

Heriot-Watt University - Professor John S  
Archer CBE BSc PhD FEng FRSE

Napier University – Professor Joan Stringer  
CBE BA PhD DLitt FRSA FRSE

Paisley University - Professor John Macklin  
BA PhD -- retired February 2005. Professor  
Seamus McDaid CA MBA - from February  
2005

Robert Gordon University - Professor William  
Stevley CBE BSc DPhil FIBiol

St Andrews University - Dr Brian Lang MA  
PhD FLA

Stirling University - Professor Christine  
Hallett MA PhD FRSE

Strathclyde University - Professor Andrew  
Hamnett BA DPhil FRSE FRSCHEM

### **The First Minister\*, Scottish Executive**

Assessor for the First Minister - E J Weeple CB MA - from February 2005 until January 2008

### **The Lord Provosts of Edinburgh and Glasgow**

\*The First Minister replaced the Secretary of State for Scotland as a consequence of devolution in Scotland and from the inception of the Scotland Act.

### **EXECUTIVE COMMITTEE**

Professor Sir David Edward - Chairman -  
Lady Balfour of Burleigh  
Ewan Brown – resigned November 2004  
Lord Cameron of Lochbroom  
Dr Calum A MacLeod - representing the  
Investment Committee  
Dr David Smith – from February 2005

The Principals and Vice-Chancellors of the  
Universities of Scotland  
The voting powers of Ex-Officio Trustees  
exercised by  
The Principals and Vice-Chancellors of  
Edinburgh, Glasgow, Glasgow Caledonian and  
Heriot-Watt – February 2003 to January 2005

### **INVESTMENT COMMITTEE**

Dr Calum MacLeod – Chairman  
Ewan Brown – resigned November 2004  
Professor Sir David Edward  
David J Kirkpatrick BSc FFA

David C Ritchie BSc FFA  
Edward A W Tulloch BSc  
Maxwell C B Ward MA

### **AUDIT COMMITTEE**

Eileen A Mackay – Chairman  
Ewan Brown – resigned November 2004  
Lord Cameron of Lochbroom  
Professor Sir David Edward

Professor Joan Stringer  
Dr Ian Sword – appointed May 2005

**Secretary and Treasurer**

Professor Andrew Miller CBE BSc MA PhD FRSE

**Assistant Secretary**

Miss Jackie Gray

**Bursar**

Miss Kate Ellis BSc FCA

**Clerical Officer**

Miss Julianne Black

**Auditors**

Henderson Loggie, 10 Great Stuart Street, Edinburgh EH3 7TN

**Bankers**

Lloyds TSB Scotland plc, Henry Duncan House, 20 George Street, Edinburgh EH2 4TS

**Investment Managers**

Martin Currie Investment Management Ltd, Saltire Court, 20 Castle Terrace, Edinburgh EH1 2ES

**Solicitors**

Lindsays WS, 11 Atholl Crescent, Edinburgh EH3 8HE

## **THE TRUST'S CONSTITUTION AND POWERS : A SUMMARY**

The Trust was incorporated by Royal Charter on 21st August 1902. This Charter was replaced on 10th July 1978 by the present Royal Charter, which, with its By-Laws, governs the operations of the Trust.

The ex-officio Trustees are: the Principals of the Universities of Scotland; the Secretary of State for Scotland; the Lord Provosts of Edinburgh and Glasgow. There are fourteen nominated Trustees, who are elected or re-elected at the Annual Meeting of Trustees. In accordance with the provisions of the Royal Charter and its By-Laws, the administration and management of the Trust are the responsibility of the Executive Committee. This consists of five nominated Trustees and four of the Principals of the Scottish Universities in rotation. Other Principals may attend meetings but may not vote.

Nominated Trustees are proposed by the Universities, existing Trustees and others knowledgeable in Higher Education. They are appointed by the Executive Committee on the advice of a nominations sub-committee which works to ensure an appropriate range of experience in the Trust. Trustee induction takes place through provision of relevant background information and early involvement as a participant or observer in the committees of the Trust.

### **Objects of the Trust**

By the Royal Charter, one half the net income is to be applied to the improvement and expansion of the Universities of Scotland and one half to the payment of fees of students of Scottish birth or extraction in respect of courses leading to a degree of a Scottish University. The Executive Committee has complete discretion over the disposal of any surplus under either head towards these objectives and may transfer any unexpended income to a reserve fund.

The activities undertaken by the Trust in fulfilling these objects are described in the Secretary and Treasurer's report.

The Trustees are required to constitute an Investment Committee of not less than four members, of whom not less than three shall be persons who are qualified by their ability in and practical experience of financial matters. The Investment Committee keeps the Trust's investments under constant review.

The Trustees' investment powers are governed by the Royal Charter, which permits them to invest in a broad range of investments issued by any government or municipal or public authority authorised to borrow money or any company with limited liability and to invest in property in Scotland, England, Wales and Northern Ireland.

The Executive Committee has constituted an Audit Committee, comprising five Trustees, of whom three shall be nominated Trustees, one an ex-officio Trustee drawn from the Executive Committee and one a nominated Trustee from outside the Executive Group.

Copies of the Royal Charter and of its By-Laws may be obtained from the Secretary of the Trust on payment of a reasonable charge. The charity registration number of the Trust is SC 015600.

## **THE SECRETARY AND TREASURER'S REPORT 2004-05**

### **Introduction**

I am delighted to start this report by noting that the Chairman of the Trust has been awarded a Royal Medal by the Royal Society of Edinburgh for 2005. The Royal Medal is the highest accolade of the RSE and is only awarded in recognition of the highest academic distinction.

The regular activity of the Trust in achieving its objective of supporting the Universities of Scotland and their students has continued apace, including awarding grants and scholarships, assisting with students' fees, appointing the Centenary Professorships and contributing to the development of the Scottish Universities.

The increase in income referred to below has allowed an increase in the level of support given and this has been successfully delivered by our small number of staff, notwithstanding the impact of the plans – mentioned briefly in last year's Report – for the Trust to dispose of their present building Cameron House and to co-locate with the other three Dunfermline-based Carnegie Trusts in a new, bespoke building. Further details are set out below.

During my first full year as Secretary and Treasurer, I have taken the opportunity to start a strategic review of all the schemes operated by the Trust to assess the extent to which they are meeting its charitable objects of furthering the development of the Scottish Universities and meeting the needs of what Andrew Carnegie called the 'deserving and qualified' University students in Scotland. Suggestions from this Review will be taken to the Executive Committee in the first two meetings of the 2005-6 session with a view to having a revised set of schemes in place for the 2006-7 session.

### **Financial Statements**

The balance sheet discloses that net assets increased by 17.6% from £49 million to £58 million. The majority of this increase arises from the pleasing recovery of the Trusts investments from £47.9 million to £56.5 million. This is close to, but not yet in excess of, the peak total reached in September 2000 before markets fell. The Trust again expresses thanks to the Investment Committee for their input in setting challenging targets for our investment managers and sound advice to the Executive Committee.

The targets set, although challenging, have been duly met in the year to September 2005. The income from investments has shown growth and gross income from investments exceeded £2million for the first time. After costs of investment management the net incoming resources available for charitable application amounted to £1.845 million, nearly 8% up on the previous year.

As a result the Trust was able to increase its support of the Universities of Scotland and their students by 10.4% overall. The majority of this increase was through schemes under Clause A of the charter in support of the Universities which amounted to £1.404 million. Expenditure under Clause B in support of students remained broadly static after adjusting for the effect of refunds received of money unspent from previous years.

Support costs shown in note 4 to the Accounts amounted to £160,000 including £9,000 of non-recurring expenditure on preliminary legal and other costs incurred prior to the start of the main co-location project. The total of support costs and management and administration was £193,000 or 10% of net incoming resources; of this less than 2% relates to management and administration.

The net operating surplus for the year on General Fund was £21,536 and the total including larger legacies of £127,000 credited to the Endowment Fund and movements on designated funds amounted to £157,578.

The Executive Committee have begun the process of reviewing the Trust's policy on reserves. This will continue to be under review as the effects on decisions made on the strategic development of the Trust are quantified. The first stages include the following:

- It has been agreed that £350,000 of the General Fund should be designated as a Property reserve in support of the investment to be made in new co-located premises.
- The amount and purpose of the Centenary fund has been reviewed and as a result £1 million of the balance has been returned to General Fund. This leaves approximately £1.5 million, the income from which will be used to partly fund the Centenary Professorships, recognising that the Centenary Fund is likely to be slowly depleted as the professorships are assimilated into the core activities of the Trust. As in previous years the surplus on the Centenary Fund in the year has also been returned to General Fund

The resultant General Fund balance is £2 million and increases in expenditure are planned to reduce this balance. As a first step the number of postgraduate scholarships awarded in 2005, to take up post in October 2005, was increased by 25% from 12 to 15 and the stipends were increased to £13,000 from October 2005.

In reviewing reserves it was agreed to revert to the previous treatment of larger legacies received and to credit these to the Endowment Fund (in accordance with Clause 7a of the Royal Charter). Legacies received in the year were £127,000 and those received in the previous 3 years since adoption of SORP 2000 and the separation of the General and Endowment Funds were £145,000 and this amount has been transferred to the Endowment Fund.

### Activity Report 2004-2005

The table below shows the pattern of awards in the year to September 2005 for the Trust's different schemes. The Executive Committee approved the award of a total of £1,667,540 to fulfill its programme of support for the Universities of Scotland through the current schemes.

Awards made in 2004-2005

		Number of Applications	Number of Awards	Amount Awarded £*
Clause A				
	Research Grants (up to £1000)	56	46	£29,450
	Research Grants (up to £2000)	213	195	£287,320
	Larger Grants	16	7	£173,271
	Carnegie Scholarships Awarded in 2004	133	15	£472,827
	Scholars in post during year		33	
	Expeditions	13	12	£23,500
	Development Grants		13	£440,000
Clause B				
	Fee Assistance	211	163	£183,667
	Vacation Scholarships	116	89	£57,505
Total				£1,667,540

\*It should be noted that the amount awarded may not be claimed in full by the applicant; the net expenditure for 2004-2005 is recorded in the annual accounts.

The continuing level of annual support awarded under **Clause A** of the Charter is of significant importance to the Universities in Scotland and the Trust is grateful to the University Principals for their interest and support.

Since its inception, the Trust has provided capital support for the Universities and this is continued through the **Development Grant**. This year £440,000 was allocated for this purpose.

The scope of projects approved by the Chairman for individual Universities was, as usual, considerable. A synopsis of how Universities have applied these grants this year is shown on page \*\*. These annual grants may also be used to match other monies and, when accumulated over several years, may enable Universities to carry out significant improvements to teaching facilities and student amenities. Over time the impact of this scheme has been to establish the Trust as a key benefactor for all the Scottish Universities. In many cases the nature of the capital development offers the opportunity for Universities to attribute the Carnegie name to the project.

The **Scholarship scheme**, which is regarded highly by the Universities, provides three years of financial support for postgraduate students, who have achieved a first-class honours degree from a Scottish University, at a level that compares well to that provided by the Research Councils. Since Scholars are appointed across the full range of subjects in the University curriculum, the scheme provides seed corn for the training of future academic staff within the Scottish Universities. The Trust continues to be extremely grateful to the network of 30 subject advisors who assist with the selection of Scholars and who also play a mentoring role for Scholars in their subject area over the three years of PhD study.

Members of staff of the Scottish Universities are eligible to apply for support from the **Research Grant scheme**; this is open also to graduates of the Scottish Universities provided that the research project is clearly of benefit to the University research base in Scotland. These relatively small grants of up to £2000 support research visits within the UK and around the world as well as awards towards book publication and colour illustrations. The Carnegie Research Grants provide a valuable source of travel and subsistence in support of archival research and field-work. The following are highlights for 2004-05.

- A total of 241 applicants benefited from awards totalling £314,870
- These consisted of 184 current staff members, 24 post-graduates, 12 post-doctoral researchers, 9 retired staff, 5 independent researchers and 6 Scholars of the Trust plus one Caledonian Scholar.
- Most recipients (112) were in Arts and Humanities, 28 were from Business and Social Studies, 51 from Physical Sciences and 50 from Biological Sciences.
- £23,500 was awarded to 12 expeditions

During the year the Trust received 50 publications in books and journals that derived from previous grant awards.

The **Larger Grant scheme** was introduced in 1996-7 to encourage the Universities to work in collaboration in areas where Scottish scholarship could make a significant impact and where the crosscutting nature of the project made it unlikely to fit the remits of the Research Councils. In the past year 7 such grants to a value of £173,271 were awarded for work in the programmes listed on page \*\* .

Under **Clause B** of the Charter the extent of support for individual students is now less than it was in the early days of the Trust. The availability of state support for fees from the Scottish Executive means that the Trust now receives applications for fee support only from students who for various reasons are not eligible for State support. In the past year 163 students received £183,667 in assistance; this compares with expenditure of £185,360 in support of 154 students in 2004; and £164,690 in support of 140 students in 2003. The Trust has again taken steps to find out whether some students in receipt of Fee Assistance might be in such straitened financial circumstances as to be eligible for further assistance from the Trust's Special Supplementary Fund and a total of 31 students have received additional financial help this year at a total cost of £12,100.

The competitive scheme for **Vacation Scholarships** to assist students in second or third year to benefit from a period of research experience continues to be heavily subscribed and this year 87 awards totalling £57,505 were made from of a field of 133 applicants.

The **Centenary Fund** was established by the Trust to fund projects to mark the centenary of Andrew Carnegie's benefaction made in 1901 to the Scottish Universities.

The income from the fund (approximately £80,000 per year) currently supports the appointment of up to two Centenary visiting Professors per year. Competition for these awards is intense and in making the appointments the Chairman and the Secretary are assisted by a small group of four leading academics acting as independent Stewards, as well as up to two nominated Trustees. Because of the long lead-in time required to arrange such visits, Centenary Professors are chosen two years prior to taking up their appointment.

Professor Mario Livio, Head of the Space Telescope Science Institute who was hosted by the University of St Andrews, made his second visit during 2005. The Chairman and Secretary along with Lord Cameron attended a lecture given by Professor Livio in the University of St. Andrews on 13 May.

There were two appointments made for 2005. Professor Paul Bushkovitch, nominated by the University of Aberdeen arrived in July for a six-month tenure. His Centennial Lecture was held on 5 October in Aberdeen entitled *From Moscow to Petersburg: Culture, Power and Capital Cities in Early Modern Russia*. He also held a lecture at Edinburgh University with the same title on the 27 October to which the Chairman and Lord Cameron attended. Professor J F (Fraser) Stoddart, nominated by the University of Edinburgh, arrived in Edinburgh in October 2005 for a four month stay. His Centennial Lecture entitled *Nano Toys and Nono Art: How Fun and Beauty Inspire Creativity* was held on 3 November. The Secretary and Dr Ian Sword attended and the Secretary chaired the lecture.

The appointments made for tenure in 2006 were Professor James A Piper, Professor of Physics at Macquarie University, Sydney, nominated by Heriot-Watt University and Professor Prasanta Pattanaik, Professor of Economics, University of California, nominated by the University of Stirling. The appointments made for tenure in 2007 were Professor Peter Hall from the Australian National University, who is one of the foremost theoretical statisticians in the world and was nominated by the University of Glasgow, and Professor William I Miller, nominated by the University of St Andrews. Professor Miller is the Thomas G Long Professor of Law at the University of Michigan and is one of America's leading law professors.

### **The events of the year**

The Robertson Medal was presented to James Ferguson, a mathematics student, by Sir Lewis Robertson at a special lunch held by Principal Sir Muir Russell at the University of Glasgow on 26 May 2005. The Secretary was in attendance as was the Chairman who made a short speech explaining the origins of the medal.

### *Photo of presentation*

The Trust contributed towards the Royal Geographical Society *Scotia* expedition to Antarctica to mark the centenary of the famous expedition led by Bruce in 1903. In recognition of this event a Dinner was given in the Palace of Holyrood by Princess Anne and the Secretary attended on behalf of the Trust. The Secretary also attended a dinner in Aberdeen to mark the retiral of Professor Bill Stevely, Principal of Robert Gordon's University.

It is with sadness that we note the death of Bill MacDonald who served as Bursar of the Trust from 1990-2001. The Secretary and Assistant Secretary attended his funeral in Edinburgh.

### **Co-location- project**

This has moved ahead rapidly. In May this year the Trust entered into a Minute of Agreement with the other Dunfermline-based Carnegie Trusts setting out the basis of the co-location project. The Trust Chairman then chaired a Panel which selected the architects Page and Park to manage the design team for the new building and discussions have now moved to examination of architects' drawings and to consideration of the necessary planning permission to be sought. A detailed timetable has been drawn up which culminates in the occupation of the building in summer 2007. A crucial stage will be when the tenders are invited from construction companies who are interested in realising the building. This project will keep the staff and the Chairman busy over the next year. Kate Ellis has been appointed accounting officer to the joint co-location project.

In the office in Cameron House, the staff have been thinking about how the move can be made to new premises without interrupting the regular work of the Trust. A Staff Appraisal scheme has been put in place to help clarify roles and expectations in our daily tasks and this will help to ensure that priorities are clear and disruption may be minimised.

### **Medals ceremony**

In addition, considerable effort has been expended on the arrangements for the award of the Carnegie Medals of Philanthropy on 4 October 2005. The two day event was attended by some 500 distinguished people from round the world. The first day was based in Dunfermline and the events at Lauder College mentioned in the 2003-4 Report were supplemented by a ceremonial unveiling of a plaque on the site of new building and also a seminar for representatives of the Carnegie family of some 23 Trusts and Foundations from throughout the world. This allowed the Trusts to hear more about the overall work of the 'family' of Trusts and to explore opportunities for collaboration. The second day, which included the Award Ceremony, was held in the Scottish Parliament building in Edinburgh, and this was preceded by a very important series of debates on the relevance of philanthropy to some of the key issues of our time.

I am grateful for valuable input to this Report from the Bursar and from the Assistant Secretary.

**Andrew Miller**  
*Secretary and Treasurer*

## Statement of the Executive Committee's Responsibilities

Under the Royal Charter dated 10 July 1978 and the by-laws of the Trust and the Law Reform (Miscellaneous Provisions) (Scotland) Act 1990 and The Charities Accounts (Scotland) Regulations 1992, the Executive Committee of the Trustees is required to prepare accounts for each financial year which show a true and fair view of the state of affairs of the charity and of the disposal of the income of the Trust.

In preparing those accounts, the Executive Committee is required to:

- select suitable accounting policies and then apply them consistently;
- make judgments and estimates that are reasonable and prudent;
- ensure that the recommendations of the Statement of Recommended Practice (Accounting by Charities), have been followed;
- state whether the accounts comply with the Royal Charter and the by-laws of the Trust subject to any material departures disclosed and explained in the accounts;
- prepare the accounts on the going concern basis unless it is inappropriate to presume that the charity will continue its activities.

The Executive Committee is required to act in accordance with the Royal Charter and the by-laws of the Trust, within the framework of trust law. It is responsible for keeping proper accounting records which disclose with reasonable accuracy at any time the financial position of the charity and to enable them to ensure that the accounts comply with the Charities Regulations, Scotland. It is also responsible for safeguarding the assets of the charity and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

The Executive Committee has met these requirements.

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### Operating policies of the Trust

#### Reserves policy

The General Reserve is an unrestricted fund, which the Trustees are free to use in accordance with the charitable objects of the Trust. The Trustees have reviewed the requirement for reserves to support management and administration costs, including the cost of new office accommodation, and protect charitable expenditure from unexpected fluctuations in income and to enable the Trust to respond to additional demands for charitable expenditure which the Trustees anticipate could arise from changes in the higher education environment. They believe that the current level of the Reserve may be more than is required and are budgeting for deficits over the next three to five years to reduce the reserve in line with the likely requirements. The actual requirement can only be assessed in conjunction with an ongoing strategic review of activities. The Trustees will accordingly revise the reserves policy and the level of reserves required to give effect to the policy in the light of that review.

Centenary Fund – a fund designated to provide funding for projects following the centenary of the Trust in 2001.

Special Supplementary Fund - consists of sums placed at the disposal of the Trustees for existing students in exceptionally necessitous circumstances.

Property reserve fund- a fund reserved to support the future investment in the project to co-locate with the other UK based Carnegie Trusts

The Endowment Fund represents the original endowment, together with surpluses and deficits to date, larger legacies received and the fixed assets held in Cameron House.

#### Investment policy and performance

The Trustees' investment powers are governed by the Royal Charter, which permits them to invest in a broad range of investments issued by any government or municipal or public authority authorised to borrow money or any company with limited liability and to invest in property in Scotland, England, Wales, Northern Ireland.

The objective agreed with the Trust's investment managers is to achieve real growth in both income and capital, within the investment guidelines in respect of type of investment and asset allocation

contained within the discretionary management agreement with the investment managers. The current guidelines set asset allocation as follows:

	<b>2004-05 Benchmark and Range</b>	<b>2005-06 Benchmark and Range</b>
Fixed interest	15%(+/-5%)	10%(+/-10%)
UK Equities	85% (+/-10%)	90%(+/-10%)
Cash	<5%	<5%

The flexibility on changing the asset allocation depends on the Investment Manager's requirement to grow the income in real terms. The types of investment permitted include UK equities, convertibles, preference shares, UK and European fixed interest securities, unit trusts and investment trusts. Foreign equity investment is permitted through unit trusts, investment trusts, investment companies' schemes for collective investments or other such pooled vehicles. Underwriting or sub-underwriting of issues or offers for sale of securities is permitted but the funds may not, without permission of the Trust, include securities where an issue or offer for sale was underwritten managed or arranged within the previous twelve months by the Investment Manager. Investments in tobacco companies are not permitted.

The Investment Committee meets quarterly with the Investment Managers to review performance and to monitor the risk strategy for investments in respect of business risk and portfolio risk. As part of the quarterly reporting the Investment Managers report on internal compliance with risk management procedures, with an annual review of such risk management arrangements being carried out by the Bursar and Secretary and Treasurer.

### **Grant making policy**

In accordance with Andrew Carnegie's wishes, the Royal Charter enables the Trust to support the 13 Universities of Scotland, their staff and students. The current schemes of support are described below.

Fee Assistance may be provided to support entering undergraduates to first degree courses who are not eligible for support through the SAAS. A competitive Vacation Scholarship scheme is operated to assist undergraduate students who wish to undertake research in the summer vacation. Undergraduate groups from Scottish universities can apply for support with Expeditions.

At the postgraduate level, a prestige scheme of Scholarships supports a limited number of graduates with first class honours degrees who will pursue three years of postgraduate research leading to a PhD.

Members of Staff and graduates of Scottish Universities are eligible to apply for the Trusts Research Grant Scheme which awards grants of up to £2,000 for personal research, and support towards illustration and publication costs.

A competitive Larger Grant Scheme (grants up to £30,000) encourages applications for joint programmes of collaborative research projects from groups within the Scottish Universities.

The Scottish Universities are invited to compete for up to two Carnegie Centenary Professorships per year to encourage World Class scholars to spend a sabbatical period in Scotland.

The Trust allocates Development Grants to each of the Scottish Universities in support of projects aimed at the improvement of facilities for students and research. Projects are subject to approval by the Chairman of the Trust

### **Statement re risk management**

The Trustees have examined the major strategic, business and operational risks which the Trust faces and confirm that systems have been established to monitor and control these risks to mitigate any impact on the Trust.

## CARNEGIE CENTENARY PROFESSORSHIPS

### **Report on the visit of Professor Paul Bushkovitch by his host and mentor Professor Robert Frost, Aberdeen University.**

*Photo of Prof. Bushkovitch*

#### **Visiting Carnegie Centenary Professor, University of Aberdeen**

The School of Divinity, History and Philosophy of the University of Aberdeen is extremely grateful to the Carnegie Trust for its generosity in awarding a Visiting Carnegie Centenary Professorship to Professor Paul Bushkovitch of the University of Yale to enable him to spend six months in Aberdeen from July to December 2005. Professor Bushkovitch is a distinguished historian of Russia in the early modern period, with particular expertise on the reign of Peter the Great. Since arriving in Aberdeen, he has been particularly active in working with Professor Robert Frost and Dr Karin Friedrich, both experts in the history of Poland-Lithuania in the same period. He has delivered public lectures at the University of Aberdeen and the University of Edinburgh, and will deliver another later this month at the University of Glasgow. The lecture in Edinburgh was attended by Professor Sir David Edward, Chairman of the Trust, and the Rt Hon Lord Cameron of Lochbroom. Professor Bushkovitch has also lectured in Trinity College Dublin and the University of Cambridge during his stay. In November he gave a paper to the History Department research seminar in Aberdeen, and is actively participating in the Sawyer Seminar, financed by the Mellon Foundation, on Citizenship and Identity in a Multi-national Commonwealth: Poland-Lithuania in Context, c. 1500-1750, which has attracted substantial interest among historians of early modern Eastern Europe. An additional bonus for the University of Aberdeen has been that Professor Bushkovitch has been accompanied by his wife, Professor Maija Jansson, from the Yale Center for Parliamentary History, who gave a seminar paper to the Centre for Early Modern Studies on the Long Parliament. She developed excellent links with Professor Allan MacInnes and Dr Micheál Ó'Siochrú in particular, both of whom have strong research interests in the 1640s. Both Professor Bushkovitch and Professor Jansson have benefited greatly from the Aberdeen Special Libraries and Archives, and their expertise has been of great help to scholars working on materials held there. Building on the excellent relations established during their stay, research collaboration will continue, with Professor Frost planning to visit Yale in a year's time.

**Professor J F (Fraser) Stoddart** nominated by the University of Edinburgh. Professor Stoddart's mentor at Edinburgh would be Professor David Leigh. Professor Stoddart's visit was delayed until October 2005 due to personal reasons. His Plenary Lecture was held on 3 November 2005. A report on his visit will appear in next year's Annual Report.

## DEVELOPMENT GRANTS

The Trust allocates Development Grants to each of the Scottish Universities in support of projects aimed at the improvement of facilities for students and research. Projects are subject to approval by the Chairman of the Trust

University	Development grant £440,000
Aberdeen	£39,134
Abertay Dundee	£13,731
Dundee	£33,241
Edinburgh	£64,095
Glasgow	£68,497
Glasgow Caledonian	£38,639
Heriot-Watt	£19,964
Napier	£31,059
Paisley	£23,920
Robert Gordon	£24,180
St Andrews	£16,055
Stirling	£18,137
Strathclyde	£49,348
Total	£440,000

Not all Universities have yet applied to the Chairman for approval of specific projects. Some are accumulating the funds against a future development. However the following is a synopsis of the way in which Universities have applied these funds in 2004-5.

Aberdeen University towards the renovation and expansion of their Library

Abertay Dundee is accumulating its grants towards a new Student Centre

Dundee University towards refurbishment works in the Bonar Hall, which is used for a wide variety of educational, social and cultural functions

University of Edinburgh towards a cyber café in the basement of the main library, George Square the purchase of audio-visual equipment for the Fimbush Resource Centre, Fimbush Point Field Centre.

Glasgow University towards the enhancement of the accommodation and scholarly materials for their Library.

Glasgow Caledonian University towards the construction of a large lecture theatre, to be named the Carnegie Lecture Theatre.

Heriot Watt University will continue to use their grant to fund student 24 hour access to educational computing within their residences.

Napier University towards the development of the Business School at Craiglockhart.

Robert Gordon University towards a significant project within the Georgina Scott Library to secure and catalogue the University's valuable archives and paintings collection.

St Andrews University will continue to use their grant for the enhancement of student teaching and learning in different locations across the University.

Stirling University will continue to accumulate its awards over a five year period.

Strathclyde University towards the cost of remodelling the accommodation of the Department of Computer and Information Science.

The Chairman attended the opening of the Carnegie Lecture Theatre at The Glasgow Caledonian University in June of this year.

The Carnegie, Caledonian and Henry Dryerre Scholarships are open to graduates of a Scottish University with a first-class honours degree to undertake three years postgraduate research. The Carnegie Scholarships are tenable within the United Kingdom (most usually in Scotland), the Caledonian Scholarships are only tenable in Scotland and the Henry Dryerre Scholarship is offered triennially for three years postgraduate research in medical or veterinary physiology at a Scottish Institution.

The Carnegie Trust administers the Caledonian Scholarships on behalf of the Caledonian Research Foundation and the Henry Dryerre Scholarship on behalf of the Royal Society of Edinburgh.

There were 133 new applications in March 2005. Fifteen Carnegie Scholarships and two Caledonian Scholarships were offered and accepted. There were 24 applications for renewal of Carnegie awards (1 subsequently decided not to renew and 1 was in suspension for 2005-6). Renewal of Caledonian Scholarships was offered to 5 individuals and all accepted re-appointment. The Henry Dryerre Scholarship was offered and accepted.

Reports from current scholars and their supervisors have been received and assessed by the Trust's Advisors. The following list of current scholars indicates the degree obtained, place and year of graduation followed by the first year of appointment in brackets.

### **Carnegie Scholarships held during 2004-5**

#### **Biochemistry and Microbiology**

Lang, Pauline, BSc, 2004, Glasgow (2004)

How are stream CO<sub>2</sub> loads affected by photosynthetic and respiratory response of aquatic macrophytes  
In Glasgow (SUERC and Aberdeen) under Dr Kevin Murphy(Glasgow), Dr Susan Waldron (SUERC)  
and Professor Chris Soulsby (Aberdeen)

Smith, Karen, BSc, 2001, Strathclyde (2003)

Molecular mechanisms used by clinically important bacteria to develop antimicrobial and antibiotic  
resistance

In Strathclyde under Professor I S Hunter & Professor J G Anderson

#### **Biological and Molecular Sciences**

Walsh, Patrick, MSci, 2003, Glasgow (2004)

Life histories and reproductive biology in amphibians

In Glasgow under Professor Pat Monaghan and Dr J Roger Downie

#### **Celtic**

Dymock, Emma, MA, 2003, Edinburgh, MSc, 2004 Edinburgh (2004)

A study of symbolism of the landscape in the poetry of Sorley MacLean

In Edinburgh under Professor Donald Meek and Dr Anja Gunderloch

#### **Chemistry**

Kay, Euan R, MChem, 2002, Edinburgh (2002)

Synthesis and study of mechanically interlocked organic molecules

In University of Edinburgh under Professor D A Leigh

Simpson, Michael, MChem, 2004, Aberdeen (2004)

Atom transfer cyclisations: their mechanism and synthetic utility

In Aberdeen under Dr John Storey

#### **Earth Sciences**

McLeod, Graham, BSc, 2003, Glasgow (2003)

Silicic volcanism and epiclastic processes in the British Palaeogene Province

In Glasgow under Dr B R Bell

### **Engineering**

Wilson, Mark J, BEng, 2002, Heriot-Watt (2003)  
Broadband processing for split spectrum imaging in classical sonar  
In Heriot-Watt under Mr R McHugh

### **English**

Duggett, Thomas J E, MA, 2002, St Andrews (2004)  
Building The Recluse: Wordsworth and the Gothic  
In St Andrews under Professor Nicholas Roe and Dr Susan Manly

Paul, Colette, MA, 2000, Glasgow (2003)  
Narrative strategies in the fictional works of Alice Munro and Margaret Atwood  
In Strathclyde under Ms Z Wicomb

### **History**

Churchill, Paul, MA, 2002, St Andrews (2003)  
The collapse of grand narrative in anglophone historiography  
In St Andrews under Professor M Bentley

Heywood, Sophie L, MA, 2003, Edinburgh (2004)  
The Comtesse de Ségur (1799-1874)  
In University of Edinburgh under Professor James F McMillan

Peers, Sarah A, MA, St Andrews (2004)  
Panopticism, Power and Protest: Geographies in the cotton mills communities of England and New  
England, c. 1790-1860.  
In Oxford under Dr John Langton

Rudge, Lindsay V, MA, 1998, St Andrews (2002)  
The development of continental women's monasticism from the sixth century to the ninth  
In University of St Andrews under Dr J H Smith

### **History (Scottish)**

Glover, Katharine, MA, 2000, Edinburgh (2003)  
Women and the 'Change of Manners' in Scotland in the mid-eighteenth century  
In Edinburgh under Dr Alex Murdoch and Dr Stana Nenadic

Swan, Claire, BA, 2003, Dundee, MPhil, 2004, Dundee (2004)  
Scottish cowboys and the Dundee investors: The development of Dundee business connections with  
America in the nineteenth century  
In Dundee under Professor James Tomlinson and Professor Christopher A Whatley

### **Linguistics**

Collie, Sarah E J, MA, 2004, Edinburgh (2004)  
Stress, strata and optimality theory: the need for modules in the description of English phonology and  
morphology  
In Edinburgh under Professor Heinz Giegerich

### **Mathematics and Computing Science**

Cain, Alan J, MSci, 2002, Glasgow (2002)  
Presentations for subsemigroups of groups  
In University of St Andrews under Professor E F Robertson and Dr N Ruškuc

Donaldson, Alastair, BSc, 2003, Glasgow (2003)

Applying symmetry to temporal logic model checking  
In Glasgow under Professor M Calder and Dr A Miller

Ferguson, James T, MSci, 2004, Glasgow (2004)  
Non-linear systems, Frobenius manifolds and bihamiltonian systems  
In Glasgow under Dr I A B Strachan

Hutton, Gail, BSc, 2003, Strathclyde (2004)  
The development and application of stochastic process theory to the construction of share trading strategies  
In Strathclyde under Professor Eric Renshaw

Murdoch, Steven J, MA, 2002, Glasgow (2002)  
Secure storage and access to jointly-administered structured data  
In University of Cambridge under Dr Markus G Kuhn

Smith, Christopher J, BSc, 2003, Strathclyde (2003)  
Mathematical modelling of the human placenta  
In Strathclyde under Professor S Watson

### **Medicine**

Campbell, Andrew D, BSc, 2004, Dundee (2004)  
ERM (ezrin, radixin, moesin) proteins in proliferative diseases of the skin  
In Dundee, Ninewells Hospital and Medical School under Dr Sam Crouch

Menagh, Gillian, BSc, 2002, Strathclyde (2002)  
The regulation of IKKi expression and its role in the onset of bacterial sepsis  
In University of Strathclyde under Dr A Paul

### **Modern Languages**

Zyw, Helen A, MA, 2002, Aberdeen (2004)  
Trobar Clus: The Communication of Concealment. An exploration into the obscure style in Medieval Occitan Lyric Poetry of the 12<sup>th</sup> and 13<sup>th</sup> Century Troubadours, with special reference to the work of Raimbaut d'Aurenga.  
In Aberdeen under Dr G Hesketh

### **Philosophy**

Cameron, Ross, MA, 2001, MPhil, 2002, Glasgow (2002)  
Modality and Language: Exploring the boundaries  
In University of St Andrews under Professor Crispin Wright

### **Physics**

Angel, Andrew G, MPhys, 2002, Edinburgh (2002)  
Nonequilibrium statistical mechanics, specifically simple hopping particle models and their applications  
In University of Edinburgh under Dr M R Evans

Cran-McGreehin, Alexandra, MSci, 2002, St Andrews (2002)  
Auroral electron acceleration  
In University of St Andrews under Professor E R Priest

O'Leary, Ben, MPhys, 2003, Edinburgh (2003)  
Phenomenology in high-energy particle physics  
In Edinburgh under Dr M Kramer

### **Psychology**

Heng-Ru, May Tan, MA, 2001, Edinburgh (2003)  
The neural guidance of movement  
In Edinburgh under Professor D Lee

Hulse, Lynn, MA, 2001, Aberdeen (2002)  
Investigating the effects of emotion on eyewitness memory  
In University of Aberdeen under Drs A Memon and K Allan

### **Social Anthropology**

White, Benjamin, MA, 2001, Edinburgh (2003)  
The development of minority identities in Syria during the French mandate, 1920-1946  
In Oxford under Dr Eugene Rogan

### **Caledonian Scholarships held during 2004-5**

#### **Chemistry**

McIntosh, Ruaraidh, MChem, 2003, Heriot-Watt (2003)  
Supraicosahedral carborane chemistry  
In Heriot-Watt under Professor A J Welch

#### **Earth Sciences**

Sugden, Lindsay, MA, 2001, Edinburgh (2002)  
Modelling tephra transport pathways in englacial and proglacial systems  
In University of Edinburgh under Dr Nick Hutton

#### **English**

Forsyth, Vikki, MA, 2000, St Andrews (2002)  
History of the presentation of Arcadia in English and European Literature  
In University of St Andrews under Dr N Rhodes

Maxwell, Margaret L, MA, 2003, MLitt, 2004, Aberdeen (2004)  
Communication, translation, and silence in the contemporary Irish dramatists Marina Carr, Brian Friel and Tom Murphy  
In Aberdeen under Dr Shane Murphy

O'Gallagher, Niall, MA, 2003, Glasgow (2003)  
Alasdair Gray and empire  
In Glasgow under Professor W Maley

#### **History (Scottish)**

Tindley, Anne Marie, MA, 2001, MSc, 2002, Edinburgh (2002)  
The history of the Sutherland Estate c.1860-1920  
In University of Edinburgh under Dr E Cameron

#### **Mathematics**

Miller, Elizabeth C, BSc, 2004, Heriot-Watt (2004)  
Geometric group theory for inverse semigroups  
In Heriot-Watt University under Dr N D Gilbert

#### **Medicine**

Jones, Leigh A, BSc, 2003, Strathclyde (2003)  
The effect of sex and pregnancy associated hormones during infection with *Toxoplasma gondii*  
In Strathclyde under Dr Craig Roberts

### **Henry Dryerre Scholarship held during 2004-5**

Cunningham, Kerry Ann, BSc, 2002, Strathclyde (2003)

The glycosylation of the serum protein AGP during the acute phase response to infection and inflammation in domestic animals

In Glasgow Veterinary School under Professor P D Eckersall

### **LARGER GRANTS AWARDED DURING 2004-05**

The Larger Grants are intended to assist projects which involve, and are of benefit to the Scottish universities as a whole and this is seen as the principal criterion for support and applications which do not satisfy it cannot be considered. These grants are not intended for individual research projects of a kind that would be submitted to a research council, and projects that have failed to secure funding from a research council are not appropriate.

STAR Project. Professor Susan Manning, School of Literatures, Languages and Cultures, University of Edinburgh.

Field by field: the dissection of an historic farming landscape at Ben Lawers using spatially precise pollen analyses. Dr Richard Tipping, School of Biological Sciences, University of Stirling; in collaboration with several groups in Scotland, Wales and England.

'Sourcing of Lime Mortars in Scotland' A new and more comprehensive approach to research. Dr John Hughes and Dr Stuart Nisbet, Paisley University; Professor Charles McKean and Professor Chris Whately, University of Dundee; Dr Alan Hall, University of Glasgow.

An 'eco-chemical snapshot' of Scottish seabird colonies. Professor Michael Bird, School of Geography and Geosciences, University of St. Andrews.

The French Atlantic. Professor Bill Marshall, Department of French, University of Glasgow.

Liberal Peace Transitions. Dr Oliver Richmond, School of International Relations, University of St. Andrews.

The role of intrinsic fluctuations in MOSFETs due to trapped charges and structural non-uniformity of high-k gate stack materials'. Professor Richard M De La Rue, Dr Samia Cunningham, Professor Asen Asenov and Dr Jeremy Watling, University of Glasgow.

### **CARNEGIE GRANTS APPROVED DURING 2004-2005**

The Carnegie Grant scheme is open to graduates and members of staff of the Scottish Universities to undertake a short-term personal research project. Support is usually in the form of help with travel and accommodation incurred while undertaking the project. Scottish graduates working outwith Scotland can apply for a grant but their research topic must be of benefit to one or more of the Scottish Universities. As well as general grants listed below, support for colour illustrations and help with publication costs (repayable to the Trust if the publication makes a profit) also come under this head.

**APPLICATIONS FOR GRANTS.** The following applications were received and decisions made as noted.

#### **General**

Abrams, N D, BA MA PhD, Lecturer in History, Aberdeen. Research within the UK on a history study of Scotland's smaller Jewish communities.

Aguilar, M I, BA MA PhD, Reader in Divinity, St Andrews. Research in Chile on the church and state relations in Pinochet's Chile 1980-1990.

Allmendinger, P M, BSc PhD, Reader, Department of Land Economy, Aberdeen. Collaborative research in South Africa exploring new theoretical and practical approaches to public involvement and participation in urban planning in South Africa.

Ambos, B, BA MA PhD, Lecturer, School of Management, Edinburgh. Research in London undertaking an empirical re-test of location pulls in international R&D investments.

Andriopoulos, C, BSc MSc PhD, Lecturer in Management Studies, Aberdeen. Research in the US on the development of conditions conducive to creativity by successful young creative companies.

Ballantyne, C K, MA MSc PhD DSc, Professor in Physical Geography, St. Andrews. Research in Arran on glacier reconstruction and palaeoclimatic implications.

Barber, R L N, MA PHD, retired Senior Lecturer in Classical Archaeology, Edinburgh. Research in Greece to towards the publication of pottery from the 1911 excavations of the British School at Athens on Melos.

Bates, C, MA PhD, Senior Lecturer, History and Classics, Edinburgh. Research in India on adivasi (tribal) society, economy and politics in central India under colonial rule.

Benn, D I, BSc PhD, Lecturer in the School of Geography and Geosciences, St Andrews. Research in Lukla of the Ngozumpa Glacier Cave.

Bertola, V, PhD, Lecturer in the School of Engineering, Edinburgh. Grant for visits to Paris to research modelling the drainage of aqueous foams made of viscoelastic liquids.

Bird, M I, BSc PhD, Professor of Environmental Change, St Andrews. Grant towards research in Burma on sediment and water fluxes in the Irrawaddy River.

Birtwistle, G, PhD, Head of Division of Marketing, Glasgow Caledonian. Research in the UK investigating the supply chain issues facing textile manufacturers in the UK.

Bold, V, MA PhD, Senior Lecturer and Head of Scottish Studies, Crichton Campus, Glasgow. Field and library research in Canada towards a book entitled *Scotland Within*.

Bourne, A, BA MA PhD, Lecturer in Politics, Dundee. Research in Spain to examine the impact of the European Union on nationalist politics in the Basque Country and Spain.

Bown, J L, BSc PhD, Lecturer in Complex Systems, and Falconer, R E, BSc(Dundee) MSc(Abertay Dundee), Postgraduate student in the SIMBIOS Centre, both Abertay Dundee. Research in Denmark on modelling fungi in glass soil: seeing fungi grow through complex media.

Boyd, W E, BSc(St Andrews) PhD(Glasgow), Associate Professor in Geography, Southern Cross University, Australia. Research in Scotland on a fossil pollen analysis test of a post-glacial sea-level rise model for Singapore.

Bradley, J M, BA PhD, Lecturer, Department of Sports Studies, Stirling. Research in the UK to explore the national, cultural, religious and political affinities, attitudes and opinions of the supporters (The Tartan Army) of the national football team in Scotland.

Brearley, F Q, BSc PhD(Stirling), Lecturer in Plant Ecology, University of Dublin. Research in Borneo on above- and below-ground processes during secondary succession in tropical forests in Borneo.

Bremner, D H, BSc PhD, Senior Lecturer in Chemistry, Abertay Dundee. Research in Mumbai on the use of hydrodynamic cavitation for enhanced Green syntheses.

Brown, A D, BTechnol MSc(Robert Gordon), Postgraduate student in the Business School, Aberdeen. Research within Scotland on the contribution of health services to the social and economic sustainability of rural communities.

Burton, R E J, BA MA, Lecturer in Printed Textile Design, Heriot-Watt. Research in India on art textiles inspired by meditational, spiritual and healing arts of India.

Craig, T, BSc(Aberdeen) MSc, Research Fellow, The Scott Sutherland School, Robert Gordon. Research in three cities (in England) looking at desktop virtual presentations of urban development scenarios in Aberdeen.

Campbell, I, BA MA DPhil, Reader in Architectural History and Theory, Edinburgh College of Art. Research in Ireland on The Renaissances of Scotland and Ireland.

Campbell, K, BA(Glasgow) PhD(Edinburgh), Project Manager, Royal Scottish Academy of Music and Drama. Research in Slovenia comparing aspects of folk song and folk music between Scotland and Slovenia.

Carp, B L, PhD, Lecturer in American History, Edinburgh. Research in the US on the impact of destruction during the War for American Independence.

Cassidy, B F, MA PhD, Reader in History of Art, St Andrews. Research in Italy towards a book entitled *Politics and Civic Ideals in Late Medieval Italian Sculpture*.

Clarkson, E N K, MA PhD DSc, Emeritus Professor of Palaeontology, Edinburgh. Research visit to Argentina to complete a project on the ontogeny, ecology and palaeoenvironments of Argentine olenid trilobites.

Colley, Z A, BA MA PhD, Lecturer in History, Dundee. Research in the US on the impact of the arrest and imprisonment of civil rights and black power activists in the American South from the 1950s to the 1970s.

Collingridge, C A, MA MSc(Edinburgh), postgraduate student in Classics, Edinburgh. Research in Greece to complete a comparative photographic database.

Colvin, S, Professor in German, Edinburgh. Research in Germany on the 'real' and 'false' lives of the Austrian/German Jewish woman Edith Spielmann (1916-2000).

Connelly, C E, MA LLB, Senior Lecturer, School of Law, Glasgow. Research in Australia on the legal responses to domestic violence.

Cowie, J, BSc PhD, Lecturer in Department of Computing Science and Mathematics, Stirling. Research in Australia on mobile real-time multicriteria decision support for open-field triage in contingency management.

Crawford, L, BA PhD CA, Lecturer in Accounting, Dundee Business School, Abertay Dundee. Research within the UK and Ireland on mechanisms and relationships that influence inclusion of active-learning in undergraduate accounting programmes.

Crestani, F, MSc PhD, Professor of Computer Science, Strathclyde. Research in the US to design new models for automatic textual database size detection using query-based sampling.

Cronin, P, BA PhD, Lecturer in Psychology, Abertay Dundee. Research in London on police decision-making at public order events: a study of junior officer perceptions.

Crook, J, BA MSc, Professor of Business Economics, Edinburgh. Research in Italy investigating the causes and effects of household credit constraints.

Crozier, I J, BA PhD, Lecturer, Science Studies Unit, Edinburgh. Research in the US on a project to examine Eric Avery's ideas about medical science and his attempts to communicate such ideas to the public through his art.

Cummings, S N, BA MSc PhD, Lecturer in International Relations, St Andrews. Research in Central Asia on political change and succession: comparing Kyrgyzstan and Kazakhstan.

David, S J, BA(Bristol) MLitt(St Andrews), Postgraduate student in Medieval History, St Andrews. Research in Oxford, France and The Netherlands to explore the textual and literary transmission of Gerald of Wales.

DeGroot, G J, PhD, Professor of Modern History, St. Andrews. Research in the US towards a book entitled *One Giant Leap: The American Mission to the Moon*.

Desnain, V, BA PhD, Lecturer in French, Edinburgh. Grant towards research in Paris on the writings of Gabrielle Suchon and other seventeenth century texts.

Dickson, J H, BSc MA PhD. Retired Professor of Archaeobotany and Plant Systematics, Glasgow. Botanical fieldwork in North America on a detailed reconstruction of the last few days of the life of Kwāday Dān Ts'inci, the first ancient glacier mummy from North America.

Doherty, M J, BSc MSc DPhil, Lecturer in Psychology, Stirling. Research in Salzburg and Tokyo on 'How children's understanding of perspective affects their word learning'.

Van Dommelen, P, MA PhD, Lecturer in (Mediterranean) Archaeology, Glasgow. Fieldwork in Sardinia on the Punic rural settlement in the Terralba district.

Dorman, S R, BA MPhil DPhil, Lecturer in Politics, Edinburgh. Research in Zimbabwe on the civic spaces and politics from Rhodesia to Zimbabwe.

Downham, C E, MA MPhil PhD, Lecturer in Celtic, Aberdeen. Research in Ireland towards a book entitled *Vikings in Ireland*.

Drake, P, BA MPhil PhD, Lecturer in Film and Media, Paisley. Research in the US to examine important case studies of the rights of privacy and publicity in the development of the contemporary Hollywood film studios.

Duff, D A S, BA DPhil, Senior Lecturer in English, Aberdeen. Research in London and Cambridge towards a book entitled *The 1790s: An Anthology of Romantic Political Prose*.

Edwards, R, BA, Professor of Education, Stirling. Research in Australia on policy and practice in relation to literacy education to support lifelong learning in Scotland and Australia.

Esler, P F, Professor of Biblical Criticism, St Andrews. Primary research in Spain towards a monograph on the Cathedral in Tortosa.

Farrell, J, MA PhL, Professor of Italian Studies, Strathclyde. Research in Italy on Pirandello and Grottesque Theatre in Italy.

Ferguson, J D, BSc MSc, Lecturer in Computer and Information Sciences, Strathclyde. Research in Canada to investigate the use of patient online communities in the health care domain.

Fischer, M H, PhD, Senior Lecturer in Psychology, Dundee. Research in Canada on violations of Fitt's Law.

Fogwill, C J, BSc PhD(Edinburgh), Post Doctoral Research Fellow, Geography, Edinburgh, Collaborative research in Australia and New Zealand to integrate glacial records with climate changes in the Southern Hemisphere.

Ford, A, BSc MSc PhD(Napier), Part-time Lecturer and Research Associate, School of Life Sciences, Napier. Research in the US on the costs and causes of intersexuality in the amphipod, *Gammarus minus*.

Fradely, M J, BA MA PhD, Lecturer in Film Studies, Aberdeen. Research in the US for a monograph entitled *Boys in Trouble? White masculinities in contemporary Hollywood cinema*.

Francis, H, BSc PhD, Senior Lecturer, School of Management, Napier. Collaborative research in the UK and Rotterdam to develop a model of managers as *Thinking Performers* in their day to day work.

Fraser, I S, BSc MSc, Lecturer in Dundee Business School, Abertay Dundee. Research in Lithuania on a pilot study of influences affecting development and growth of Scottish small businesses and those in the border states of the EU.

Fyfe, N, MA PhD, Reader, Geography, and Reeves, A, BSc PhD, Reader, Geography, Dundee. Research in Scotland on examining different styles and strategies of environmental enforcement in Scotland.

Galbreath, D J, MA PhD, Lecturer in Politics and International Relations, Aberdeen. Research in Germany towards a book entitled *Nation-building and Minority Politics: Interests, Influences and Identities*.

Galloway, S D R, BSc MPE PhD, Senior Lecturer, Department of Sports Studies, Stirling. Research in Canada on the effect of oral carnitine ingestion on skeletal muscle carnitine content and exercise metabolism.

Gilmour, D J, MA MSc, Research Officer, Urban Water Technology Centre, Abertay Dundee. Research in Denmark on exfiltration from sewers as a major contributor to groundwater pollution.

Gondeck, M, BA(USA) MPhil PhD(Glasgow), Lecturer in Early Medieval Archaeology, Durham, and Noble, G, MA(Aberdeen) MA(London) PhD(Reading), Lecturer in Prehistoric Archaeology, Durham. Fieldwork on the Rhynie Archaeological Project.

Gotsi, D, BA PhD, Lecturer, Business School, Aberdeen. Research in the US on probing the future: mobilising foresight in multiple-product innovation firms.

Graham, E E, MLitt(St Andrews), Postgraduate student in History, St Andrews. Research in Italy on the effect of the ecclesiastical hierarchy and the Spiritual Franciscans on sainthood in the fourteenth century.

Green, M, BA MA PhD, Lecturer in Spanish, Stirling. Research in Chile on gender and sexuality in the work of Diamela Eltit.

Guo, Y, BEng MSc PhD, Lecturer in Department of Engineering, Aberdeen. Collaborative research in China in numerical modelling of complex fluid flow with fluid-structure interaction and reservoir sedimentation.

ten Hacken, H M, BA(Stirling), Postgraduate student in Spanish, St Andrews. Library research and interviews in Cádiz on the poet Pilar Paz Pasamar.

Hagan, D, BA MSc, Lecturer in Human Resource and Strategy Management, Abertay Dundee. Research in Scotland on a typology of entrepreneurs in Scottish tourism focusing on Aberdeenshire, Angus, Highland and Perthshire regions.

Hammer, P E J, BA MA PhD, Lecturer in the School of History, St Andrews. Research in London, Windsor and Oxford towards a monograph on the Earl of Essex, faction, and the politics of royal decline in Elizabethan England, 1598-1603.

Hannah, D M, BSc(Aberdeen) PhD, Lecturer in Physical Geography, Birmingham. Research in Scotland on stream temperature response to changes in Scottish forest management.

Harkness, R J, BA(London) MSc(Aberdeen), Postgraduate student in Social Anthropology, Aberdeen. Research in the US and Scotland on ecological sensibility, creativity and manual labour: building and dwelling as sites of praxis.

Hare, B, MA(Edinburgh), part-time Lecturer in History of Art, Edinburgh and Bielecka, P, MA(Edinburgh), Assistant Gallery Manager at The Fleming Collection, London. Research in the UK to investigate the history and nature of self-portraiture by Scottish artists during the period c.1600-2000.

Hartley, A J, BSc PhD, Senior Lecturer, Department of Geology and Petroleum Geology, Aberdeen. Research in north Chile on the geomorphology of the Atacama Desert (the oldest landscape on Earth).

Heal, B M, BA MA PhD, Lecturer in Modern History, St Andrews. Research in Germany for a monograph entitled *The Cult of the Virgin Mary in Early Modern Germany*.

Hird, D J, MA MSc(Edinburgh), Postgraduate student in Contemporary Chinese Studies, Westminster. Research in China on men and masculinities in Contemporary Urban China.

Hoyland, R, BA MA DPhil, Reader in Arabic and Middle East Studies, St Andrews. Research in Tel Aviv on the archaeological site of Khirbat Shuwayka, Herusalem-Ramallah, from late Roman times to early Islamic times.

Huff, W G, BSc MSc PhD, Reader in Economics, Glasgow. Library research in London on the Second World War and Southeast Asia: Economic and Political Effects.

Humfrey, P, BA MA PhD FRSE, Professor of Art History, St Andrews. Research visit to Caen and Venice to study Venetian Renaissance Painting.

Huxham, M R, BSc PhD, Senior Lecturer in School of Life Sciences, Napier. Research in Mombasa on whether turbidity affects how fish use mangrove habitats.

Inger, R, MSc, Postgraduate student in Environmental and Evolutionary Biology, Glasgow. Research in Ireland on an ecological study entitled 'Can satiation increase flock vigilance, resulting in patch departure?'

van Ittersum, M J, AM PhD, Lecturer in History, Dundee. Research in The Netherlands towards an article about the political debate over freedom of trade and navigation in the Dutch Republic during the Twelve Years Truce (1609-21).

Johnstone, S R, BSc(Glasgow Caledonian), Postgraduate student in Biological and Biomedical Sciences, Glasgow Caledonian. Research in Cardiff on the role of connexins in the coordination of cell growth.

Jones, B S G, BA MA DPhil, Lecturer in Politics and International Relations, Aberdeen. Research in Africa on the political economy of corruption in Kenya: a case study of the Goldenberg Affair.

Jones, R, BA PhD, Lecturer in Philosophy & Women, Culture & Society, Whatley, P, Head of University Archive Department, Wynne-Davies, M, BA PhD, Reader in Department of English, Dundee. Research in Groningen on Women, Culture and Society.

Jordan, E S, PhD, Hon. Fellow in Celtic and Scottish Studies, Edinburgh. Research in Scotland on the role of the shows in the rural areas in the north.

Jubb, M A, MA PhD, Senior Lecturer in Department of French, Aberdeen. Research in Paris to study manuscripts of Crusader texts in the Bibliothèque Nationale de France.

Kane, J F, BA(Napier) MA(St Andrews) MSc(Glasgow), Lecturer in Digital Imaging, Edinburgh College of Art. Archival research in the UK into life and death mask collections.

Kelly, W A, MA PhD, Hon. Research Fellow, Scottish Centre for the Book, Napier. Research in Scotland on a survey of pre-1801 Low Countries imprints in Scottish research libraries.

Kenefick, W, PhD, Lecturer in Scottish History, Dundee. Research in South Africa on The Scots and the Radical and Socialist Press in South Africa c1900 to 1922.

Kosmala, K, BCom MSc PhD, Lecturer in Management and Languages, Heriot-Watt. Research in Poland and Estonia on an exploratory study of home boundaries in professional identity formation. The Central and Eastern European focus.

Laghrouche, O, BSc MSc PhD, Lecturer in Earthquake Engineering & Structural Dynamics, Heriot Watt. Collaborative research in the development of special finite elements for wave problems in uniform flow.

Landoni, M, PhD, Lecturer of Information Science, Strathclyde. Research in the US on evaluating search engines from a user and social perspective.

Lang, P, BSc(Glasgow), Carnegie Postgraduate Scholar, Division of Environmental and Evolutionary Biology, Glasgow. Research within Scotland towards the project 'How are stream CO2 loads affected by photosynthetic/respiratory response of aquatic algae and macrophytes'.

Lasselle, L, PhD, Lecturer in Economics, St. Andrews. Research in the UK and Europe towards an assessment of local policies aimed at combating exclusion through education and training and at improving the employability of the young people.

Law, A, MSc PhD, Lecturer in Sociology, Abertay Dundee. Research in New York towards a book on understanding national identity in everyday life.

Lawson, I T, MA PhD, Lecturer in Physical Geography, Aberdeen. Research in Mývatn, Iceland on environmental history and lake sediments.

Leishman, J L, MEd PhD, Director of Academic Programmes, Abertay Dundee. Research in the US into suicide, self-harm, alcohol, drugs, sexual health problems: meeting the health needs of Scotland's young people.

Livingstone, S R, BSc(Glasgow) MSc(Edinburgh), Postgraduate student in Division of Environmental and Evolutionary Biology, Glasgow. Research in Gabon on the leatherback nest ecology with implications for sustainable conservation and a successful hatchery.

Logvinenko, A D, DSc PhD, Professor of Visual Sciences, Glasgow Caledonian. Research in New York on exploring lightness perception by using parametric multidimensional scaling.

Lyle, E B, MA(St Andrews) PhD, Honorary Fellow, Celtic and Scottish Studies, Edinburgh. Research the US to complete a manuscript study for collection of ballad papers for a book entitled *The Scottish Fairy Ballads and Other Papers*.

Macandrew, S B G, MA PhD, Reader in Psychology, Abertay Dundee. Collaborative research in the US on lexical access difficulties in Parkinson's disease and normal ageing.

McCafferty, D J, BSc PhD, Lecturer in Life Sciences, Glasgow. Research in Scotland on the effect of instrument attachment on surface temperature and heat exchange in grey seals (*Halichoerus grypus*).

McCarthy, J, BSc(Aberdeen), Retired as Deputy Director (Scotland) Nature Conservancy Council. Independent researcher. Research in the Public Records Office, Kew into a Sudanese slave, Selim Aga.

McCarthy, J P, BA BPI, Senior Lecturer, School of Town and Regional Planning, Dundee. Research in Europe reconciling tourism and amenity: the development of cruise passenger terminals in historic port cities.

McCleery, A M, MA PhD, Professor of Social and Cultural Geography, Napier. Research in Canada examining heritage tourism on the N. Atlantic Gaeltacht margin, comparing experience in St Pierre et Miquelon with Glencolumbkille and Aran(more) Island.

McCulloch, J, PhD, Lecturer in Hispanic Studies, Strathclyde. Research in Spain towards the completion of a monograph on the avant-gardist writer Ramón Gómez.

McCulloch, M, BSc MSc PhD, Lecturer, Teaching and Learning Service, Glasgow. Research in Scotland on fieldwork teaching in Scottish higher education.

Macdonald, C M M, MA PhD, Senior Lecturer in History, Glasgow Caledonian. Research within the UK on Student Politics in Scotland, 1868-1948: A History of Rectorial Campaigning and the Scottish University Seats.

MacDonald, N, MA MPhil PhD, Lecturer in Old Testament, St Andrews. Research in Israel on the diet and nutrition in Ancient Israel, 1200-587 BCE.

Macdonald, N, BSc MSc PhD(Dundee), Postdoctoral Teaching Instructor, Geography, Earth and Environmental Science, Birmingham, and Jones, P, MA MA(St Andrews) PhD, Postdoctoral Teaching Instructor, Birmingham. Research in Glasgow on sustainable drainage and planning practice: an investigation of the Clyde Waterfront regeneration.

Mackintosh, F J, MA MPhil PhD, Lecturer in Hispanic Studies, Edinburgh. Research in Buenos Aires and Asunción to investigate Scottish travellers in Latin America.

McIntosh, R, MChem, Caledonian Scholar in Chemistry, Heriot-Watt. Visit to Spain to collaborate with Professor Teixidor's group on Supraicosahedral COSAN Chemistry.

Mackenna, T, BA, Senior Lecturer, Duncan of Jordanstone College of Art and Design, Dundee and Janssen, E, Co-Director of Master of Fine Art Programme (with T Mackenna). Research in Italy on the effect that emigration has had on the small region of Molise in southern Italy and on Scottish society.

McMahon, L, BA(Abertay Dundee) MSc(Edinburgh), Teaching and Research Fellow, Town and Regional Planning, Dundee. Research in Australasia on the support provision for homeless adults with problem gambling.

McQuaid, R W, BA MSc PhD, Director, Employment Research Institute, Napier. Research visit to South Africa to initiate a joint project on the local economic development and employability in rural areas.

MacQueen, N J D, BA MSc DPhil, Senior Lecturer and Head of Politics, Dundee. Research in Spain on an evaluation of the United Nations Peace-Building Support Office in Guinea-Bissau.

Mair, D W F, BSc PhD, Lecturer in Physical Geography, Aberdeen. Research in Switzerland on modelling and measuring the location of moulins across temperate valley glaciers.

Malley, J R, BA MPhil PhD, Professor of Economics, Glasgow. Research in Europe on construction and estimation of general equilibrium models for the evaluation of fiscal and monetary policy.

Malloch, M S, BA PhD, Research Fellow in the Social Work Research Centre, Stirling. Research in Canada into the role of holistic responses in criminal justice interventions for women offenders.

Mander, R, MSc PhD, Reader in Department of Nursing Studies, Edinburgh. Research in New Zealand and Finland on perceptions of decision-making in maternity care organisation and homebirth services.

Markova, I, PhDr, Professor of Psychology, Stirling. Archival and collaborative research in the Czech Republic towards a book entitled *Social representations and language of political trust/distrust; a social psychological approach*.

Marshall, D W, BSc PhD, Senior Lecturer, School of Management, Edinburgh. Research in New Zealand exploring children's consumption experiences.

Marshall, W J, BA MA M-ès-L DPhil, Professor of Modern French Studies, Glasgow. Research in the US and France towards a book *The French Atlantic: travels in culture and history*.

Martin, N C, BA MA PhD, Lecturer in Ethnology, Edinburgh. Research in Hungary to examine the growth of invented traditions in SE Europe since 1990.

Martin, P B, BA LLB(Monash, Australia) LLM(Glasgow), part-time research assistant, Law School, Strathclyde. Research in the UK on a comprehensive review of human rights in Scotland since devolution.

Martin, R, BEng (Napier), Postgraduate student in Civil Engineering, Napier. Research in China on the radius of influence of gas wells and gas production under aged-waste heterogeneity.

Mathers, J F, BEd MEd(Glasgow) MSc(Edin), Teaching Fellow in the Department of Sports Studies, Stirling. Research within the UK on the effect of raised body temperature on putting skills in golf.

Meyerhoff, M, MA BA PhD, Reader, Theoretical and Applied Linguistics, Edinburgh. Research in the Caribbean on language variation in Bequia (St. Vincent).

Mincher, D J, BSc PhD, Reader in Experimental Chemotherapy, Napier. Collaborative research in Brussels and Amsterdam on new treatments for multiple Myeloma.

Mignard, D, MSc PhD(Edinburgh), Research Associate, Institute for Energy Systems, Edinburgh. Research visits in Italy and Germany on organo-metallic polymer electrocatalysts for the electroreduction of CO<sub>2</sub>.

de Montfort, P, PhD(St Andrews), Research Fellow, Centre for Whistler Studies, Glasgow. Research in London to develop an integrated web based resource focusing on small-scale exhibition societies and dealers in London.

Moon, D G, BA PhD, Reader in Modern History, Strathclyde. Research in Russia to investigate human impact on the environment of the Volga steppes of the Samara region in the late nineteenth and early twentieth centuries.

Morris, N J, BA MA PhD, Lecturer in Human Geography, Edinburgh. Research in Scotland on the embodied-sensuous experience and the geographies of landscape art installations.

Morrow, S, BA CA, Senior Lecturer in Sports Studies, Stirling. Research in Italy, Switzerland and the UK on the political economy of football in Europe – responding to financial crisis.

Muneer, T, BEng MSc PhD DSc CEng, Professor in Energy Engineering, Napier. Research in Pakistan on a proposed innovative design and its economic assessment for solar water heating for Pakistan's textile industry.

Murdoch, S J, BSc(Glasgow), Carnegie postgraduate Scholar in Computer Science, Cambridge. Collaboration work on software vulnerabilities and currency watermarks at RWTH Aachen.

Myant, M R, BA PhD, Professor in Business School, Paisley. Research in the Czech Republic on new developments in the study of Czechoslovak history since 1989.

Newman, M, BA MA PhD, Lecturer in History, Edinburgh. Research in the US on Northern Catholic involvement in the American South's Civil Rights Movement, 1945-1970.

Newsome, K, BA MA PhD, Lecturer in Human Resource Management, Strathclyde. Research in the US on the employment impact of organisational restructuring within supermarket supply chains.

Nichol, C J, BSc(Edinburgh) PhD, Postdoctoral Research Associate, School of GeoSciences, Edinburgh. Research in Northumberland monitoring phenology in a UK conifer forest using a new optical sensor.

Nicoll, K, BED MPH PhD, Lecturer in Education, Stirling. Research in Australia on flexibility and lifelong learning: the rhetoric of education policy.

Oberski, I, MSc PhD, Lecturer, Institute of Education, Stirling. Visit to the Netherlands and the UK to develop collaborative research with Steiner-Waldof Education Institutions.

Obokata, T, BA MA LL.M PhD, Lecturer in Law, Dundee. Research in Thailand on trafficking of human beings from a human rights perspective.

O'Farrell, P N, BA PhD, retired Professor of Economics and Assistant Principal, Heriot-Watt. Research in the UK towards a biography of Leonard Horner, educational and social reformer.

Oliver, J, BA(Glasgow Caledonian) MRes(Strathclyde) PhD(Sheffield), Hon. Research Fellow, Institute of Governance, Edinburgh. Research in Edinburgh interviewing and participant-observation at the new Scottish Parliament.

O'Regan, N, BMus MSc DPhil, Senior Lecturer in Music, Edinburgh. Research in Rome towards a book entitled Roman lay confraternities and musicians c. 1500-1650.

Ostrowska, D, BA MPhil DPhil, Lecturer in Film Studies, Edinburgh. Research in Paris in preparation of a book entitled *Cinema and Literature in France: Critical Dialogues about Art Cinema*.

Owen, S, MA MSc(Edinburgh), Postgraduate student, School of Divinity, Edinburgh. Fieldwork in Newfoundland to research two Mi'kmaq First Nations community powwows.

Palko, A J, BA MA (Stirling), Postgraduate student in English, Stirling. Research in the US to examine the unpublished works and correspondence of Stephen King.

Parr, J B, BSc MA PhD, Professor of Regional Economics, Glasgow. Research collaboration in the US on spatial interactions within City-Regions.

Patterson, C, BA MSt DPhil, Lecturer in Spanish, Stirling. Preliminary research in Galicia on Galician cultural identity in the works of Risco and Castelao.

Pawson, H, MSc MA, Senior Research Fellow, School of the Built Environment, Heriot-Watt. Research on restructuring of social housing in Australia and New Zealand.

Pearson, M, MA MSc BA, Lecturer in Mathematics, Napier. Collaborative research in Groningen in the dynamics of networks and behaviour.

Pedriali, F G, Dott.Lett(Genoa), Reader in School of European Languages and Cultures, Edinburgh. Library research in the US in preparation a book entitled *From Victorian to Postmodernist: a continuing pharmacy. Seven Italian case studies from Collodi to Calvino*.

Peers, S A, MA(St Andrews), Carnegie postgraduate scholar in Geography and the Environment, Oxford. Research in the US on the geographies of power and resistance in the nineteenth century cotton mills of England, India and the United State of America.

Pichler, H, Mag.phil, Teaching Fellow in the Department of German, Aberdeen. Research In Scotland to investigate the usage of certain morpho-syntactic and discorsal features commonly associated with either Tyneside/Northumberland or Scotland.

Porter, J W, MA BMus, Retired Professor of Scottish Ethnology, Aberdeen. Research in Europe and the UK towards a new critical performing edition of the Latin psalm paraphrases of George Buchanan as set by the French composer Jean Servin.

Poueymirou, M L R, BA MLitt(St Andrews), Postgraduate student in English, St Andrews. Archival research in the UK to examine Whistler's notebooks, letters (1862-1889) and manuscripts.

Prazeres, L M R, MEng(Strathclyde), Postgraduate student in Technology Entrepreneurship, Strathclyde. Research in London on communicating building simulation outputs to users.

Price, A A E, MEng(Edinburgh), Postgraduate student in the School of Engineering and Electronics, Edinburgh. Research in France on the application of neural control techniques to wave.

Pyper, R, MA PhD, Professor of Government and Public Management, Glasgow Caledonian. Research in London on devolution, governance and crisis management in the case of the firefighters' strike.

Reeves, C J, BA MPhil PhD, Senior Lecturer, Institute of Education, Stirling. Research in South Africa and Scotland on comparative practice-based learning for school leadership development.

Remedios, R, BA PhD(Stirling) , Research Fellow in the Institute of Education, Stirling. Research in Russia and Latvia to investigate whether Russian and Latvian students change their reasons for studying during their degree program.

Rice, C M, BA MSc PhD, Lecturer in the Business School, Abertay Dundee. Research within Scotland on learners on very part-time English for Speakers of Other Languages courses – constraints and expectations.

Richardson, C L, BEc PhD, Research Fellow in Economics, Abertay Dundee. Collaborative research in Australia on economy-wide modelling of Tayside and Scotland.

Rideout, P, BA MSc, Lecturer in Educational Studies, Glasgow. Research in Australia on the comparative curriculum development within Scottish and Australian schools.

Ritchie, W, BSc PhD DUniv DSc, Professor, Director, Aberdeen Institute of Coastal Sciences and Management. Research in the Uists on historical drainage changes and their significance for machair evolution.

Robinson, R, BSc PhD, Lecturer in Geography and Geosciences, St Andrews. Grant towards research in Burma on sediment and water fluxes in the Irrawaddy River.

Rogers, G V, BA, Senior Lecturer in French, Edinburgh. Research in France on regionalising the public services in France.

Rudge, L V, MA MLitt, Carnegie postgraduate scholar in Mediaeval History, St Andrews. Research in Europe to study manuscript evidence for the circulation of the monastic writings of Caesarius of Arles.

Sauer, E W, MSt DPhil, Lecturer in Classical Archaeology, Wilkinson, E, BA MArch MA PhD, Post-doctoral Fellow in Archaeology and Wilkinson, T J, Professor of Archaeology, all Edinburgh. Research in Iran on the history, architecture and environment of Ancient Persia's most elaborate military monument.

Scott, H M, MA PhD, Professor of International History, St Andrews. Research in Cambridge towards a book *The Formation of Europe's Aristocracy, c.1400-1750*.

Skene, K R, BSc PhD, Lecturer in Plant Ecology, Dundee. Research in Trinidad on reconstructing habitat change in the Nariva Swamp, an important RAMSAR-listed wetland.

Soulsby, S, BA PhD, Professor, School of Geosciences, C Gibbons, BSc PhD, Senior Lecturer in Hydroecology, D Tetzlaff, MSc PhD, Research Fellow in Hydrology, all Aberdeen. Research in the Italian Alps on the environmental change and the hydroecology of an Alpine floodplain.

Smith, G D, BA RGN PhD, Lecturer in the School of Health, Edinburgh. Research in Hong Kong on an examination of the impact of medically unexplained symptoms in chronic illness: a cross-cultural pilot study.

Sriram, C L, BA MA JD PhD, Lecturer, School of International Relations, St. Andrews. Research in Colombia, Sudan, Sri Lanka and New York on the inclusion of armed groups in power structures as a tool for conflict resolution.

Staines, A, BSc MSc(Abertay Dundee), Postgraduate student in the Urban Water Technology Centre, Abertay Dundee. Research in the US on and evaluation of the bathing water management model – an international perspective.

Starr, J E F, BA PhD(Glasgow), Hon. Research Fellow, Glasgow. Research in Mexico City and Oaxaca on the history of secularization of Mexican parishes in the 18<sup>th</sup> century.

van Steenberg, J, BA MA PhD, Lecturer in Arabic and Middle East Studies, St Andrews. Research in Egypt on architecture, urbanisation and political power in Mamluk Cairo, 1341-1382.

Stella, F, MA(Italy) MPhil(Glasgow), Postgraduate student in the Department of Central and Eastern European Studies, Glasgow. Research in Russia on lesbian identities and cultures in post-Soviet urban Russia.

Stephens, W E, BSc PhD, Senior Lecturer in Geology, St Andrews. Research in the US and Germany on geological history and strain as factors in the toxicity of quartz.

Stewart, R A, BSc(Glasgow). Research in the Sumaco National Reserve to study the herpetofauna of Ecuadorian Amazonia.

Stuart, N, BSc PhD, Lecturer, Edinburgh Earth Observatory, Edinburgh. Research in Belize estimating tree height and biomass in tropical savanna woodlands using synthetic aperture radar (SAR).

Summerfield, M A, BA MA DPhil, Professor of Geomorphology, Edinburgh. Research in South Africa on the rates of erosion at the Augrabies Falls (Orange River) based on cosmogenic nuclide analysis.

Summers, D McN, BSc MSc PhD, Reader, Centre for Mathematics & Statistics, Napier. Research in the US to develop an impulse model of inertial range turbulence in three dimensions.

Sutherland, P, BSc BEd MA PhD, Lecturer in Education, Stirling. Research in Australia to investigate lecturer perceptions of the nature and purpose of lectures at Australian universities.

Swift, D A, BA PhD(Glasgow), Research Fellow in Geography and Geomatics, Glasgow. Research in Iceland on the influence of glacier-bed geometry on subglacial hydrology and basal ice provenance at Svínafellsjökull, southeast Iceland.

Tinker, C, BA MPhil PhD, Lecturer in French, Heriot-Watt. Research in France on the youth culture and the popular music press in 1960s France.

Tummula, H, BSc(India) MSc(Abertay Dundee), Postgraduate student in Animal Molecular Biology, Abertay Dundee. Research in Scotland on a molecular investigation of a chicken animal model for human cone-rod dystrophy and embryonic lethality.

Tyrrell, A, MA(Edinburgh and McMaster), Reader in History, La Trobe University, Australia. Research in Scotland on the part played by advocates of aristocratic paternalism in shaping a sense of Scottish national identity during the early and mid-Victorian era.

Upton, B G J, BA MA DPhil, Retired Professor of Petrology, Edinburgh. Research in Greenland on mantle processes beneath, and magmatic evolution within, an exhumed continental rift, Tugtutôq, south Greenland.

Viergever, K M, BSc(Pretoria) MSc(Aberdeen) MSc(Wageningen), Postgraduate student in Geography, Edinburgh. Research in Belize on the biomass estimation of tropical savanna woodland using radar remote sensing.

Wagner, B A, MBA PhD, Lecturer, and Fillis, I R, BSc MA PhD, Lecturer, both Department of Marketing, Stirling. Research in Scotland on the impact of Grocery Retailers' supplier development programme on local SME producers' growth and productivity.

Wallace, R M M, MA LLB PhD, Professor of International Human Rights, Robert Gordon. Meeting and extending contacts in the US in the field of Corporate Social Responsibility.

Walsh, P T, MSci(Glasgow), Carnegie postgraduate scholar in Environmental and Evolutionary Biology, Glasgow. Research in Scotland on over-wintering in *Rana temporaria* tadpoles: isolated event or life history strategy.

Walters, R, BA MA PhD, Senior Lecturer in Criminology, Stirling. Research in Rome and Geneva to explore international law and the regulation of genetically modified food.

Watson, D C, BA(Dundee), Postgraduate student in the Department of History, Dundee. Research in the US on the relations between native Americans and British soldiers in the period from the end of the Seven Years War until the Revolution.

Watson, L, BA(Strathclyde), Postgraduate student in Psychology, St Andrews. Research in Scotland on self-referential and emotional processing: a psychophysiological approach.

Watson, R M Y, BA PhD(Dundee), Hon. Research Fellow in the Department of History, Dundee. Research within Scotland on the demographic, economic and social impact of English migration to Scotland 1841-1901.

Watt, P M L, MA(Glasgow) MSc(Iowa), Teaching Assistant in Spanish, Aberdeen. Research in Mexico on intellectuals and state violence in Mexico during and after the Mexican student movement of 1968.

Watt, R J C, MA MLitt, Senior Lecturer in English, Dundee. Library research in London and Oxford towards a book entitled *The Complete Works of John Ford*.

Wersun, A, BA MBA, Lecturer in General and Strategic Management, Glasgow Caledonian. Research in Russia on the Strategic development of firms in the Russian Federation.

Wheatley, D N, BSc PhD DSc, Retired Professor and Reader in Cellular Pathology, Aberdeen. Completion of research for a book on *About Life – the Conceptual Basis of Modern Biology*. £1650.

White, B T, MA(Edinburgh) MSt, Carnegie postgraduate scholar in Middle Eastern Studies, Oxford. Research on the development of minority identities in Syria under the French mandate.

Whyte, D, BA PhD, Lecturer in Criminology, Stirling. Research in London and Jordan to conduct a qualitative investigation on corporations and counter-terrorism.

Wilcock, C, BSc MSc PhD, Senior Lecturer in Botany, Aberdeen, and **Scobie, A**, BSc(Aberdeen), Postgraduate student in Department of Plant and Soil Science, Aberdeen. Research within Scotland on understanding the causes of reproductive failure in two Scottish rare plants, *Linnaea borealis* and *Spiranthes romanzoffiana*.

Williams, D, BA, Reader and Head of Photography Department, Edinburgh College of Art (Heriot-Watt University), Research in Japan on 'The Japanese Temples project: time, space and photography.

Williams, K B, BA MPhil DPhil, Senior Lecturer, Dundee. Research in London on a book-length study to assess H G Wells's role as the most important precursor to High Modernism's intertextuality and synergies with early cinema.

Wilson, L, BSc(St Andrews), part-time Lecturer in School of Management, Napier. Collaborative research in the UK and Rotterdam to develop a model of managers as *Thinking Performers* in their day to day work.

Wishart, R P, BA MA PhD, Post Doctoral Research Assistant in the Department of Anthropology, Aberdeen. Research in Canada on the Dene-Scots resistance to petroleum developments in the Mackenzie Delta, Canada.

Wood, I S, MA(Edinburgh), retired Lecturer in History, Napier. Research towards a chapter on *Ireland, Britain and the Second World War* in a book series *Societies at War*.

Woodward, D M, BA PhD, Director of Research, Napier. Research in Japan on the work-life balance in employment: a comparative study of women in senior university posts in the UK and Japan

Yates, C M, BSc PhD(Edinburgh), Research technician, Molecular Chemotherapy group Edinburgh Medical School, Collaborative research in Thailand on antibiotic resistance in hospital-acquired pathogens.

Zhelev, N, PhD, Professor of Medical Biotechnology and Director CMCBR, Abertay Dundee. Research in Bulgaria on the role of cyclin-dependent kinases in the development of cardiac hypertrophy.

### **Illustrations**

Cairns, J W, MA DA, Lecturer in Drawing and Painting, Gray's School of Art, Robert Gordon. Grant towards colour illustrations in a book entitled *War Tourist: A female reflection on major conflicts of the twentieth century*.

Fagen, G, BA MA, Lecturer, School of Fine Art, Duncan of Jordanstone College of Art and Design, Dundee. Grant towards colour illustrations in *Clean Hands Pure Heart*.

Fallick, A E, BSc PhD, Director SUERC, Professor of Isotope Geosciences, Glasgow, and Hon. Professor in Edinburgh and St Andrews. Grant towards colour illustrations in a research paper accepted by Trans. R. Soc. Edin: Earth Sciences.

Gould, R O, BSc PhD, Reader in Chemistry (retired), Edinburgh and Graham, C, BSc PhD, Professor of Experimental Geochemistry, Edinburgh. Grant towards colour illustrations in the Reviews in Mineralogy and Geochemistry.

Guild, D, BA, and Summerton, E, BA, both Lecturers in the School of Fine Art, Duncan of Jordanstone College of Art and Design, Dundee. Grant towards colour illustrations in a publication entitled *Guilding the Summer Town*.

Hammer, M, BA, Senior Lecturer, History of Art, Edinburgh. Grant towards cost of illustrations in a book *Bacon & Sutherland*.

Jamieson, S S R, BSc(St Andrews) MSc(Edinburgh), Postgraduate student in Geography, Edinburgh. Grant towards a colour figure in a paper entitled *Cenozoic landscape evolution of the Lambert basin, East Antarctica*.

Jonk, R, MSc PhD(Aberdeen), Senior Geologist, ExxonMobil Corporation, Houston. Grant towards 4 colour pages in the Bulletin of the American Association of Petroleum Geologists.

Liston, J J, BSc(Edinburgh), Curatorial Technician (Geology), Hunterian Museum, Glasgow. Grant towards three colour illustrations in a paper entitled *The 'other' Glasgow boys: the rise and fall of a School of Palaeobotany*.

Robb, A M, DA PGDip MA, Professor of Fine Art, Duncan of Jordanstone College of Art, Dundee. Grant towards colour illustrations in a publication entitled *An Artist in the House of Miracles*.

Shemilt, E, BA MA, Professor, Fine Art Printmaking, Duncan of Jordanstone College of Art and Design, Dundee. Grant towards colour illustrations in a book entitled *Body Memory – A European Visual Exchange Project*.

Smith, C L, BSc(St Andrews) PhD, Post-doctoral researcher, Division of Earth Sciences, Glasgow. Grant towards two colour plates in a journal *Meteoritics and Planetary Science*.

Sugden, D E, MA DPhil, Professor and Head of the School of GeoSciences, Edinburgh. Grant towards colour illustrations in a Special Issue of *Geografiska Annaler*.

Wadsworth, R, BPharm PhD DSc, Professor, Department of Physiology & Pharmacology, Strathclyde. Grant towards a colour illustration in the *Journal of Cerebral Blood Flow and Metabolism*.

Withers, C W J, BSc PhD, Professor of Historical Geography, Edinburgh. Grant towards colour illustrations for a book entitled *Placing the Enlightenment: Thinking Geographically about the Age of Reason*.

### **Publications**

Bowd, G P, MA PhD, Lecturer in French, St Andrews. Grant towards the publication of a book of essays about Kenneth White.

Chappell, T, MA PhD, Senior Lecturer in Philosophy, Dundee. Grant towards the publication of *Reading Plato's Theaetetus* by Academia Verlag.

Fontein, J, MA MSc PhD (all Edinburgh), Postdoctoral Fellow in Social Anthropology, Edinburgh. Grant towards the publication of a monograph *The Silence of Great Zimbabwe: Contested Landscapes and the Power of Heritage*.

Gifford, P, MA DL, Professor of French, University of St Andrews. Grant towards the publication of a book entitled *Love, Desire and Transcendence in French Literature*.

Hippisley, A R, BA MA DPhil, Retired Reader in Russian, St Andrews (2003). Grant towards the publication of a book entitled *Simeon Polockij's Library: a catalogue*.

Kaufman, M H, MB ChB MA PhD, Professor of Anatomy, Edinburgh. Grant towards the publication of *A History of the Edinburgh Phrenological Society*.

McKinstry, S, BA PhD, Professor, Business School, Paisley. Publication grant towards a Festschrift in honour of Dr John Frew.

Porter, J W, MA BMus, Retired Professor of Scottish Ethnology, Aberdeen. Grant towards the publication of a new edition of Jean Servin's settings of the Latin psalm paraphrases by George Buchanan (1579).

Saval, J V, MA PhD, Lecturer in Hispanic Studies, Edinburgh. Grant towards the publication of a book entitled *Toda la verdad sobre el caso Eduardo Mendoza*.

Saunders, A M, BA PhD, Carnegie Professor of French, Aberdeen. Grant towards the publication of a book entitled *Visual Words and Verbal Pictures: Essays in Honour of Michael Bath*, ed. Peter Davidson and Alison Saunders.

Sirc, S, BA(London), Retired Lecturer in German, Honorary Research Fellow, Department of German, Glasgow. Grant towards the publication of *Emblematic Tendencies in Art and Literature in the Twentieth Century*. (Glasgow Emblem Studies 10).

**Scottish University Undergraduate Expeditions.** Awards for expeditions are intended for undergraduate field training in research methods used in circumstances where exploration of new territory is a feature or where new knowledge will result. The Expedition must have a coherent programme of research and must not comprise a number of unrelated individual research projects. The expedition, which must bear the name of the University and comprise at least five undergraduates from that University. The expedition must be accompanied throughout by a member of staff or someone of equal standing acceptable to the Trust.

Aberdeen University Mexico 2005.

Aberdeen University Project Tambopata 2005.

Dundee University Natural History Society Trinidad Expedition.

Edinburgh University Project Kodok 2005.

Edinburgh University Souskiou Settlement Expedition, Cyprus, 2005.

Glasgow University Costa Rica Expedition 2005.

Glasgow University Ecuador Expedition 2005.

Glasgow University Gambia Expedition 2005.

Glasgow University Project Yabelo 2005.

Glasgow University Rio Negro 2005 Expedition.

Glasgow University Turtlewatch 2005 Expedition.

Glasgow University Turtlewatch Tobago 2005.

#### **PUBLICATIONS RECEIVED FROM BENEFICIARIES DURING 2004-2005**

Publications from grantees state the name of the grantee(s) and the journal or book reference. Lists of co-authors are not included.

Adamson, N. 2004. The Last Big Artist in Paris. *Annual Journal of the National Gallery of Victoria*, 44, 57-69.

Austin, E J. 2004. An investigation of the relationship between trait emotional intelligence and emotional task performance. *Personality and Individual Differences*, 36, 1855-1864.

Austin, E J, et al. 2005. Personality, well-being and health correlates of trait emotional intelligence. *Personality and Individual Differences*, 38, 547-558.

Batchelor, R A. 2004. More air-tuffs from the Southern Highland Group, Dalradian Supergroup, Scotland. *Scottish Journal of Geology*, 40(2), 181-184.

Batchelor, R A. 2005. Tephra-fall deposits in the Sleat Group (Torridonian), Isle of Skye, Scotland. *Geological Magazine*, 142 (2), 209-215.

Beer, S F. 2004. Information on the Edge. *Information Scotland*, 2, 5, 11-12.

Beer, S F. 2004. Information flow and peripherality remote island areas of Scotland. *Libri*, 54, 148-157.

Black, P. 2005. A Rubens Drawing for the Hunterian: The fragment of a memory exercise. *Journal of the Scottish Society for Art History*, 10, 15.

Bowd, G P. (ed.) 2005, *Grounding a World: Essays on the work of Kenneth White*. Alba Editions, Glasgow.

Böser, U. 2004. *The Art of Seeing, the Art of Listening*. Peter Lang, Frankfurt.

- Bowes, D R and Braithwaite, C J R, et al. 2004. Magma-mixing in the genesis of Hercynian calc-alkaline granitoids: an integrated petrographic and geochemical study of the Sázava intrusion, central Bohemian Pluton, Czech Republic. *Lithos*, 78, 67-99.
- Campbell, J. 2005. *Questioning Racian Tragedy*. University of North Carolina Press, USA.
- Carnegie Hero Fund Commission. 2004. *A Century of Heroes*. Carnegie Hero Fund Commission, Pittsburgh, USA
- Carruthers, A. 2004. William Morris and Scotland. *The Decorative Arts Society 1850 to the present. Arts and Crafts Issue*, 28, 9-27.
- Carruthers, A. 2005. Symbolism and politics in Morris and Co. tapestries from Melsetter House, Orkney. *The Burlington Magazine*, 383-389.
- Carruthers, A. 2004. Gang Warily: Scottish Arts and Crafts Issues. *Journal of the Scottish Society of Art History*, 9, 13-20.
- Chappell, T. 2004. *Reading Plato's Theaetetus*. Academic Verlag, Sankt Augustin.
- De Groot, G J. 2004. *The Bomb: A Life*. Jonathan Cape, London.
- Downham, C. 2003-04. The Vikings in Southern Uí Néill to 1014. *Peritia*, 17-18, 233-255.
- Edinburgh Mathematical Society. 2004. *Proceedings*, 47, part 3; 2005, 48, parts 1 and 2.
- Fagen, G. 2005. *Clean Hands Pure Heart*. Tramway, Glasgow.
- George, J-A, et al (Editors). 2005. *The Marionettes by Bahrām Beyza'i*. Poetry Salzburg at the University of Salzburg.
- Hills, Graham et al. 2004. *UHI the making of a University*. Dunedin Academic Press, Edinburgh.
- Hippisley, A et al. 2005. *Simeon Polockij's Library*. A catalogue. Böhlau Verlag GmbH and Cie, Köln, Germany.
- Houston, J (Editor), 2004. *Thomas Reid: Context, Influence, Significance*. Dunedin Academic Press, Edinburgh.
- Hughes, G (Editor). 2004, *The Collected Works of James Hogg. The Spy*. Edinburgh University Press.
- Jaspars, M et al. 2005. Shotgun cloning and heterologous expression of the patellamide gene cluster as a strategy to achieving sustained metabolite production. *Chemical Biochemistry*, 6, 1-7.
- Joshua, E. *Friedrich Leopold Graf zu Stolberg and the German Romantics*. Peter Lang AG, Bern, Switzerland.
- Liston, J J and another. 2005. The 'other' Glasgow Boys: the rise and fall of a school of palaeobotany. History of Palaeobotany: Selected Essays, *Geological Society, London, Special Publications*. 241, 197-227.
- Livingstone, D, 2005. Coevolution in hierarchical AI for strategy games. *Proceedings of the IEEE 2005 Symposium on Computational Intelligence and Games (CIG'05)*, 190-194.

- MacLeod, C J. et al. 2004. Habitat associations and breeding success of the Chaffinch *Fringilla coelebs*. *Bird Study*, 51, 239-247.
- MacLeod, C J. et al. 2005. Importance of niche quality for Yellowhammer *Emberiza citronella* nestling survival, development and body condition in its native and exotic ranges: the role of diet. *Ibis*, 147, 270-282.
- Muneer, T, et al. 2005. Sustainable production of solar electricity with particular reference to the Indian economy. *Renewal and Sustainable Energy Reviews*, 9, 444-473.
- Muneer, T, and another. 2005. Prospects for secure and sustainable electricity supply for Pakistan. *Renewal and Sustainable Energy Reviews*, xx, 1-19.
- Muneer, T, et al. 2005, Prospects of solar water heating for textile industry in Pakistan. *Renewable and Sustainable Energy Reviews*, 10, 1-23.
- O'Farrell, P N. 2004. *Heriot-Watt University: an illustrated history*. Heriot-Watt University, Edinburgh.
- Oslender, U. 2004. Construyendo contrapoderes a las nuevas guerras geo-económicas: caminos hacia una globalización de la resistencia. *Tabula Rasa*, 2, 59-78.
- Oslender, U. 2004. Fleshing out the geographies of social movements: Colombia's Pacific Coast black communities and the 'aquatic space'. *Political Geography*, 23, 957-985.
- Parr, J B and another. 2005. Transaction costs, agglomeration economies and industrial location. *Growth and Change*, 36, 1, 1-15.
- Pastor, B M. 2003. *Fashioning feminism in Cuba and beyond: the prose of Gertrudis Gómez de Avellaneda*. Peter Lang Publishing, New York.
- Puchan, H. 2004. Living 'extreme': adventure, sports, media and commercialisation. *Journal of Communication Management*, 9, 2, 171-178.
- Richmond, O P. 2004. The dilemmas of conflict resolution: a comparison of Sri Lanka and Cyprus. *Nationalism and Ethnic Politics*, 10, 185-219.
- Royal Society of Edinburgh. 2004, *Proceedings A (Mathematics)* 2004, 134, parts 5 and 6. 2004 (for 2003) *Transactions (Earth Sciences)* 94, parts 3 & 4; 2005 (for 2004), 95, parts 1, 2, 3 and 4.
- San Román, G. 2004. La Enciclopedia, Uruguay: nacionalismo paradójica. Rio de la Plata, 89-102.
- Saunders, A and another (Editor). 2005. *Visual Words and Verbal Pictures: Essays in Honour of Michael Bath*. Glasgow Emblem Studies.
- Scottish Journal of Geology, 2005, Vol. 41, Part 1.
- Sharratt, P. 2005. Bernard Salomon Illustrateur Lyonnais. Librairie Droz. SA, Geneva.
- Smith, C et al. 2004. NWA 1152 and Sahara 00182: new primitive carbonaceous chondrites with affinities to the CR and CV groups. *Meteoritics and Planetary Science*, 39, 12, 2009-2030.
- Starr, J. 2004. The Viceroy of Revillagigedo and Amarillas, Bishop Blanco y Heguero of Oaxaca and the matter of Fray Juan Amador, O.P. (deceased). University of London, Institute of Latin American Studies, Occasional Papers, New Series, 26, 1-21.

Sugden, D (Guest Editor) et al. 2005. Late-glacial glacier events in southern most South America and their global significance. *Geografiska Annaler*, 87A.

## CARNEGIE SCHOLARSHIPS

### REGULATIONS

**1** The Executive Committee is prepared to consider annually applications for Carnegie Scholarships in all subjects within the scope of the University curriculum. Awards are made for the support of full-time research extending over three years at a University within the United Kingdom and will not normally be made for a lesser period.

**2** Applicants for Scholarships must be graduates of a Scottish University, or students who expect to graduate at a Scottish University within a short time of making their application. **A degree with First-Class Honours** is a necessary pre-requisite for consideration; in Faculties which do not award Honours, e.g. Medicine, the equivalent standard will be expected.

**3** Applicants for Scholarships must be nominated by a Professor, Reader or Lecturer in a Scottish University.

**4** A Carnegie Scholarship is not tenable with a Government-funded Research Studentship, Research Council award or comparable scholarship.

**5** The annual value of a Scholarship will be £10,800 for the academic year 2004-2005 and will normally rise in line with awards funded by the Research Councils.

The Trust will also meet the cost of approved fees payable by Scholars to their Universities and/or Colleges. The Trust will not pay any additional allowances for dependants, but will help to defray special expenses incurred by Scholars in connection with the study or research, subject to a certificate from their Supervisor. Contributions will be made towards the cost of travel between place of residence and place of work.

**6** Scholars may retain, in any one year, up to a maximum of £3,000 derived from bursaries, scholarships or prizes and may also retain fees from teaching or demonstrating up to a maximum of £3,500. All income exceeding £6,500 from these sources, taken together, will be deducted in full. Income from other sources will be ignored.

**7** Scholarships will be tenable for one year in the first instance. Subject to satisfactory progress by the Scholar, they will be renewed for a second year thereafter, for a third year. The Scholars will be expected to devote their whole time to the purpose for which the Scholarship is awarded. **Applications for a period of less than three years will not be considered appropriate.**

**8** Applicants are under an obligation to report without delay any awards received after the date of their application.

**9** Scholars will be required to work under a supervisor, and half-yearly reports must be made by both Scholars and Supervisors. Payment of the Scholarships will be made quarterly, in advance, and will normally start on 1st October in each year.

**10** The Trust will be entitled to recover a fair compensation (having regard to all the circumstances) in respect of the benefit of any intellectual property rights which are or may be derived from the research to be undertaken.

**11** Nomination Forms, to be signed by the nominator and the applicant, can be downloaded from the website or may be obtained from The Carnegie Trust for the Universities of Scotland, Cameron House, Abbey Park Place, Dunfermline, Fife, KY12 7PZ, and must be returned not later than 15<sup>th</sup> March each year. The awards will be announced at the beginning of July.

## **CALEDONIAN RESEARCH FOUNDATION SCHOLARSHIPS**

The Caledonian Research Foundation is a Scottish charity which has supported independent research in Scotland since 1990. It was originally established in 1977 as a spinout from a scientific research organisation and as a charity, but the emphasis of its activities changed in 1990 and its interest now lies mainly in sponsoring and encouraging research in Scotland. The Foundation provides funding for Postgraduates Scholarships, which are awarded through the medium of the Carnegie Trust for the Universities of Scotland, and a range of post-doctoral fellowships and European Research Fellowships and other awards, which are made in association with the Royal Society of Edinburgh.

There is no preference for subject in awarding the Foundation's Postgraduate Scholarships, and at least one award each year is made in a non-scientific discipline.

The Caledonian Research Foundation Scholarships shall be under the charge and control of the Governors of the Caledonian Research Foundation, who retain the power to alter the rules from time to time and also to change the purpose and destination of the Scholarships.

### **REGULATION**

The Caledonian Research Foundation Scholarships will be offered under the same Regulations as the Carnegie Scholarships (as if references to “the Trust” in the Regulation were references to the Caledonian Research Foundation), with one exception. The Caledonian Research Foundation Scholarships will be offered only to those who wish to study in Scotland.

## **THE CARNEGIE TRUST FOR THE UNIVERSITIES OF SCOTLAND**

### **CARNEGIE GRANTS**

In terms of the Trust Deed, the Executive Committee is prepared to consider applications for grants for purposes likely to benefit the Universities of Scotland in all subjects within the scope of the University curriculum.

### **REGULATIONS**

1 An applicant must be a graduate of a Scottish University, or an established full-time member of staff of a Scottish university. The Executive Committee can also, at its discretion, consider applications from members of staff who have retired from full-time posts in Scottish Universities and who are not otherwise eligible as Scottish graduates.

2 When the applicant is a Scottish graduate working furth of Scotland applications can normally be considered only if the project is in association with, or likely to be of specific benefit to, one or more of the Scottish universities.

3 All applications must be made on a form to be obtained from the Secretary to the Carnegie Trust, Cameron House, Abbey Park Place, Dunfermline, Fife, KY12 7PZ or downloaded from the web site. The Executive Committee of the Trust meets in February, June and November and, to ensure consideration at any of these meetings, completed applications should reach the Trust Office not later than the 15<sup>th</sup> January, May or October.

4 The applications must describe the nature of the proposed research and provide a detailed estimate of the expected cost. The Trust will require to know whether application for aid in respect of the project in whole or part has been made or will be made to any other source, and will expect that application has been/will be made to appropriate organisations. Applicants are also expected first to have sought support from within their own University, whether from Travel and Research Funds or from their Faculty, Department or other cost centre.

5 Application may be made for assistance towards the cost of publication of books. Such assistance normally takes the form of a guarantee against loss on publication and is subject to such conditions as the Trust may determine in each case. Enquiry as to guarantee arrangements should be made to the Trust Office before submission of the claim. See **Publication Regulations**.

6 Grants not exceeding three-quarters of the estimated cost to the applicant may be given in aid of colour illustrations. The application must state why colour illustration is essential.

7 By accepting a grant applicants undertake to pursue the approved programme and to send to the Trust a brief report on the project on completion of the research, and copies of any subsequent publications resulting from the work. An application for a grant to be used by collaborators on the same research must be signed by each, but one of their number shall be responsible for the conduct of the research and for correspondence relating to it. A grant made to one worker for a specific purpose cannot be transferred to another worker without the consent of the Trust or used for another purpose.

8 In addition to grants for personal research, the Trust will also be prepared to consider applications for larger grants or topics that will be of benefit to the Scottish universities for which separate Regulations exist. Prospective applicants under this head should first discuss the proposed research with the Secretary of the Trust. See **Larger Grant Regulations**.

The Executive Committee establishes from time to time within the framework of the Royal Charter and the General Regulations overleaf the priorities and restrictions to be accorded to various types of research support.

Grants are intended to provide expenses for travel and subsistence, or part thereof, directly concerned with and necessarily incurred in the pursuit of a qualified individual's personal research. The normal maximum of such awards is £2000. Grants will not be awarded for full-time maintenance or for salary supplementation.

Grants can only be made to persons qualified under Regulation 1, for research undertaken by themselves; payment of research assistants, technical or secretarial help or dependants is precluded.

The Trust is prepared to consider applications for support of personal research and has an interest in approving pilot studies. Therefore established lines of research arising therefrom, and projects pursued from year to year over a period of time are not appropriate for Trust support. The Executive Committee is not prepared to consider more than three applications within any five year period.

Postgraduate students or postdoctoral workers on full-time research appointments funded by some organisation other than the Trust will not be eligible for expenses in respect of their research programme. Where the postgraduate research is supported by means of a scholarship or fellowship from one of the Scottish Universities, or is self-funded, the Executive Committee can at its discretion, consider claims for support.

Grants will not be made towards travel to or attendance at conferences, symposia and similar meetings.

When an applicant proposes to be overseas in connection with attendance at a conference or study leave, an application may be submitted for a grant towards the additional cost of travel (including subsistence)

for research purposes within the country or countries involved. Such internal travel must be concerned with the applicant's research, and costed outwith the expenses of attending the conference or of study leave.

Where an applicant is not attending a conference or other meeting, grants may be made towards the cost of travel from the United Kingdom to the country where the research is being undertaken, but applicants are expected first to have sought travel costs from other sources, including their own Universities.

There are certain specific exclusions. Costs of apparatus, consumables, equipment, bench fees, computing, radio-carbon dating and similar services will not be considered. Payments for insurance, secretarial expenses and incidental copying are not admissible. Where copies of rare inaccessible archive material are essential for study, the Trust may consider claims, but will require that the copies become the property of the applicant's University Library.

## **LARGER GRANTS**

### **REGULATIONS**

1 The Executive Committee of the Trust has introduced a category of Carnegie Larger Grants, up to a maximum of £30,000, for projects that are seen as being of benefit to the Scottish Universities as a whole or, in the case of subjects such as medicine which are studied in only a few universities, those Universities with an interest in that field. This is seen as the principal criterion and applications which do not satisfy it cannot be considered. Applications must indicate clearly the benefits to the Scottish Universities that are likely to accrue.

2 Applicants must be graduates or members of staff of a Scottish University, although the Executive Committee reserves the right to accept applications from national bodies that will create the desired benefits to the Scottish universities.

3 It is not the intention that the Trust should serve as a fifth research council, and the Trust will not consider applications that are appropriate for submission to a research council or which have been submitted to such bodies and failed to obtain funding.

4 A Larger Grant may be used to support posts, including secretarial and technical staff as well as research staff, travel and subsistence. It may be used also for the acquisition of equipment, provided that this is a minor feature of the proposed budget

5 Although a project and associated staff might be based in one of the Scottish Universities, the Trust will take into account the extent to which the support of other Universities is expressed in contributions in money, in personnel or in some other material way. Written expressions of support will not be sufficient.

6 The Executive Committee's preference is that the Trust shall not be the sole source of external funding for a project although the absence of such funding is not a barrier to submission. Applicants should indicate what other funds they have sought or obtained. They should also indicate whether the application is a new project and, if not, provide information on its origins, progress and funding to date, and expected terminal date.

7 Prospective applicants are invited to discuss their proposal with the Secretary of the Trust, who will also be prepared to advise on draft submissions.

8 There is no application form and applicants should provide sufficient details on the objectives and methodology to be used to permit an appraisal by an expert not familiar with the project. They should also provide an abstract not exceeding one sheet of A4. Applications should not exceed four pages of A4, and six copies should be provided of any supporting documents.

9 Applicants should give the names of four referees, two of them furth of Scotland, able and willing to comment on the academic/scientific merits of what is proposed. The Executive Committee reserves the right to seek the views of other experts.

10 Applications will be considered by a small working group of Principals and Appointed Members, who will make recommendations to the next meeting of the Executive Committee. Applications must therefore reach the Trust by October 1<sup>st</sup>, or March 1<sup>st</sup>, for consideration at the meetings at the end of February and June respectively. Applicants may be invited to give oral evidence.

11 Successful projects may extend over more than one year, with the grant being paid in annual instalments. The Trust reserves the right to terminate a grant if a project fails to make satisfactory progress. Grantees must submit a report at the conclusion of the project; where this extends over more than one year, an annual progress report (one sheet of A4) is required.

### **ASSISTANCE WITH THE PAYMENT OF FEES**

The scheme derives from the intention of the Trust Founder, Andrew Carnegie, 'to render attendance at the Universities of Scotland and the enjoyment of their advantages more available to the deserving and qualified youth of Scotland to whom the payment of fees might act as a barrier'.

The Trustees, having regard to the provision of the Trust Deed, have established the following regulations:

1 Application can be made only in respect of study at one or other of the Scottish Universities and, in all cases, courses of study acceptable for Trust support must be directly connected with the acquisition of a **first** Degree from a Scottish University. Access courses and those for second first degrees, postgraduate qualifications and sub-degree qualifications cannot be supported nor can those for Open University Degrees. Claims must be made only in respect of University fees. Claims for maintenance cannot be considered.

2 Applicants may receive either the full fees for the relevant year of study or such part thereof as may appear appropriate having regard to all the circumstances disclosed.

3 Applicants must be of Scottish birth or extraction (at least one parent born in Scotland), or must have had at least two years' education at a secondary school in Scotland.

4 No course of study will be recognised for fee assistance unless the applicant is required to become a matriculated student before starting the course.

5 Applicants must normally have passed the examinations relating to the previous stage of their curriculum before being eligible for further assistance. Assistance will not normally be given to students whose Students' Allowance or Local Education Authority awards have been withdrawn or suspended owing to examination failure or where the applicant has withdrawn from a course. If a claim is submitted by such applicants, full particulars must be given of any exceptional circumstances that may be held to account for such failure or withdrawal.

6 Applications should be made on the accompanying form and returned to the address overleaf after April 1st in the year in which the course starts. The Trust requires that admission to the course has been confirmed by the University. Individual claims will not be acknowledged, but applicants will be notified as soon as reasonably possible after submission of the claim. No claims can be considered after October 1st unless a satisfactory explanation for lateness is given.

7 A voucher for the appropriate amount will be sent to the successful applicants along with the letter of award. These vouchers should be presented to the University at the appropriate time.

**GUIDANCE FOR APPLICANTS.** Applicants must read the following notes before completing the application form. Application forms not completed in accordance with the notes below may not be submitted to the Trustees for consideration.

All applicants must give details of their academic record and merit, including school achievement, and must furnish the names of two referees who are familiar with the application and willing to give the Trust a confidential account of academic performance.

It must be further shown, to the satisfaction of the Trustees, that the requirement to pay fees is likely to produce such an element of hardship as might prevent study for a degree, taking all the relevant personal circumstances of the applicant into account.

Applicants who have not secured acceptance for the course of their choice will not be considered until they are in a position to sign, as the form requires, that they have been admitted.

Applicants who have also applied to some body other than the Trust, will not be given a Trust decision until the outcome of such other claims has been notified. Responsibility for notifying the Trust rests with the applicant.

Applicants should state why they think the Trust should provide assistance, having regard to the requirements of both merit and hardship and explaining why they wish to pursue the course for which they have been admitted. (This can be detailed on page 4 of the application form or on a separate sheet).

