

# New Student Service Centre

A key milestone to enhance the student experience

# Winners of the Spirit of Heriot-Watt Awards

Recognition to staff members for their outstanding contribution to the University

# Graduation Summer 2010

Honorary Graduates, Graduation Prizes and other important awards

# Welcome to the University

Visits from a number of important guests during the semester

# Welcome

# Welcome to the summer 2010 edition of Network

This has been another busy semester, full of news of activities, events and achievements from all campuses.

We are delighted with the ongoing enthusiasm from all departments and Schools to share their news with us. We are committed to celebrate and appreciate everyone's unique and positive contributions to the University, so do keep sending in your news and photos to news@hw.ac.uk and look out for regular news updates in the University's electronic newsletter.

This issue focuses on the opening of the new Student Services Centre which is under construction at the Edinburgh Campus as part of a major £1.8m refresh of the Hugh Nisbet building. This ambitious project is a key milestone in the ongoing developments to enhance the student experience.

The University has also been host to a number of important guests over the last semester, including: John Swinney, MSP, Ansar Ali, Managing Director of Caterham Cars Ltd and Jock Clear of Brawn GP, former Formula 1 engineer and Heriot-Watt graduate.

We report on the winners of the Spirit of Heriot-Watt Awards and also have a fascinating blog written by a colleague who was part of a group invited to a reception at Buckingham Palace. You can also read about one of our PhD students who chose the University Chaplaincy as the venue for his wedding last year.

We hope you enjoy reading Network and look forward to your forthcoming contributions.

The Internal Communications Team

# **Share your news**

#### Network

If you have any news you would like to see added to the next edition of Network, please get in touch with us at news@hw.ac.uk

#### Correction and comments

We will try our best to report your stories accurately, but if you believe any information has been misrepresented or we have made a mistake, please forward your corrections or comments to news@hw.ac.uk

#### E-newsletter

Don't forget that if you send any of your stories to us throughout the academic year at **news@hw.ac.uk** we will circulate this information via the electronic newsletter and/or post your event, scholarship, grants, funding or news stories to the relevant pages on the Heriot-Watt website.

## **Contact us**

0131 451 3618 or news@hw.ac.uk

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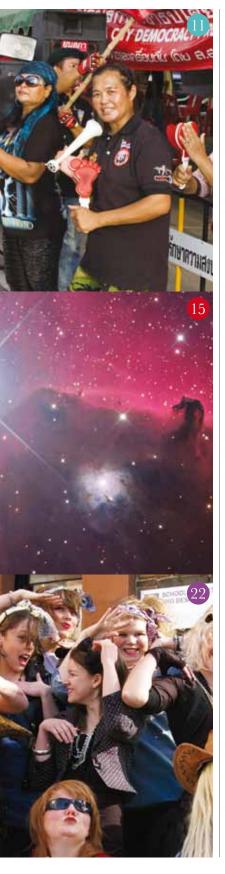
Information on the latest University research including details of a study of the impact of stalking.

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Find out about a story written by a colleage about her visit to the Buckingham Palace and different recognitions and awards won by students and staff during the semester.



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# Spirit of Heriot-Watt

The winners of the Spirit of Heriot-Watt Awards, the centrepiece of this year's launch of the University's Values Programme, were announced at an event in June.

The Values Programme was established under the People Theme Team to 'develop and embed a shared understanding of University core Values (and associated behaviours) to help foster a supportive and inspiring learning and research environment'. In April 2010, following a year of development, the Principal formally launched the University's Values and 'The Spirit of Heriot-Watt Awards' to acknowledge and recognise the outstanding contribution of staff members, who have gone the extra mile and demonstrate, the attributes linked to each of the Values.

The Awards generated some 170 nominations from staff and students across the University's campuses. Each category demonstrated the great efforts to which our staff go to ensure that the Heriot-Watt experience is excellent for the entire University community.

The Principal said, "These Awards have been a resounding success. I was proud to see the range of fantastic nominations for those members of staff who take these Values to the heart of their work. The awards have demonstrated that our Values help make us the kind of inspiring institution we are. I'm already looking forward to acknowledging members of staff who have gone that extra mile in 2011."

## Award winners:

## Valuing and Respecting Everyone

Margaret Stobie,

Deputy Facilities Manager, School of Life Sciences

#### **Pursuing Excellence**

Alan Forster (Joint winner), Lecturer School of Built Environment Margaret Austin (Joint winner), Research Grants Officer, Finance

#### Pride and Belonging

Jacqui Baird, Hospitality Services

#### Shaping the Future

The Technicians Team, School of Textiles and Design

#### **Outward Looking**

Eva Day,

European Research Manager, TRS

More information: www.hw.ac.uk/ equality/Values/Values%20Index.htm



# University receives prestigious KTP award

Professor James Ritchie, from the School of Engineering and Physical Sciences, and Logistics MSc graduate, Andreas Holter, received the award at the Knowledge Transfer Partnerships (KTP) Awards held recently at the London Marriott.

The KTP Awards recognise and reward the work of three-way partnerships between businesses, academic institutions and graduate associates who work together to tackle the current and emerging challenges faced by today's economy.

The successful knowledge transfer project involved the design of a bespoke web-based transport management system for the recycling firm Caledonian Alloys. The system has saved the firm £2.1 million in operating costs with predictions that will increase to £3.9 million in the next three years.

Awards were presented to a wide range of businesses from a variety of industry sectors including engineering, manufacturing, construction, medicine and IT. The winners were congratulated by Ian Gray, Chief Executive of the Technology Strategy Board and Tim Waterstone, Chancellor

of Edinburgh Napier University and founder of Waterstone's Booksellers.

The University has participated in 20 KTPs over the last 10 years with outstanding results. In 2008 a similar knowledge transfer partnership between the University and Caledonian Alloys won three awards at the UK Awards ceremony, the first triple award made under the KTP programme.

Professor James Ritchie said, "Central to the success of this project was the collaboration and co-operation between the School of Engineering and Physical Sciences and the School of Management and Languages. The benefits to the company, the associate and the University were substantial and reflect the considerable opportunities available to organisations through participation in the KTP Scheme."

# WINNING PARTNERSHIP 2010 And Associate Andreas Holter (L) and Professor James Ritchie delighted to win the KTP award

# An inspirational visit

Jock Clear, of BrawnGP, recently visited the Department of Mechanical Engineering. He is a former graduate of the School and in 2007 was awarded the honorary title of Doctor in Engineering in recognition of his remarkable success in applying engineering to F1. Jock gave a seminar to first year students, where they discussed the specific issues of engineering in the context of cutting edge automotive technology.

"To be able to speak one-to-one with someone like Jock who has gone on to such a hugely successful career in an engineering field is an invaluable experience and an inspiration for our young mechanical engineers", commented Dr Jon Shephard from the Department of Mechanical Engineering.

Jock Clear has pursued a highly successful F1 career. He has worked as engineer for, amongst others, Jacques Villeneuve and David Coulthard at Williams F1. Most recently he has been race engineer to Rubens Barrichello at BrawnGP; the team went on to win the F1 Constructors World Championship in 2009 in their debut year.

During his visit Jock commented, "I am keen to make sure young students are aware of the opportunities that are out there for them. I was thrilled to meet such a positive and enthusiastic group, and to share some of my experiences with them. The Formula Student project is one which I am sure will be of great value to the students, and one in which I intend to take a keen interest over the forthcoming months and years."



# Dubai student wins Grazia and Swarovski Young Designer Award

Kimberly Alphonso, Fashion Design student, won the Crystallized™ - Swarovski Elements Young Designer of the Year Award.

Kimberly and Krupa Vyas, another student at the Dubai Campus, were amongst eight finalists competing to win the prestigious award and made the final after judges considered a range of sketches from students at four of the leading design schools in the region

Kimberly received the prize at the Grazia Style Awards in Dubai. As part of her prize, she will travel to Austria to work with the design team at the Swarovski headquarters.

Kimberly said that her designs "Embody modern Arabia – traditional fashion with a modern touch."

Krupa received an offer of a work placement at Swarovski in Dubai.





The Herald Digital Business Awards recognised Scholar, the online learning and teaching programme for Scottish students, as the best in the education sector, using digital platforms to enhance learning. Scholar is one of the largest online learning programmes in the world with over 100,000 registered students.

The programme brings together the best innovative learning with tried-and-tested educational approaches to a range of subjects including business, modern languages, and most recently Mandarin.

Professor Phil John, Dean of Science and Engineering at the University and Executive Chair of the Scholar Forum, said: "We are delighted to receive this award. The programme was originally devised to encourage the take up of science, technology, engineering and mathematics subjects but it has grown continually over the past 10 years and we now support Scottish students working towards higher and advanced higher in almost 30 courses."

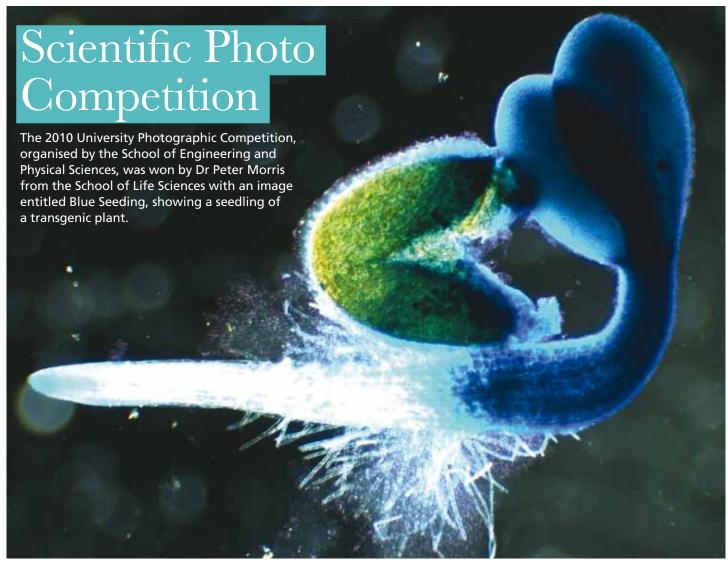
# League table results

Heriot-Watt has performed well in the recent 2010 newspaper league tables.

In the Independent, Heriot-Watt rose five places to 34th in the UK. The University did even better in some specific subjects, ranked 6th in the UK and 1st in Scotland for Building subjects and 6th in the UK and 2nd in Scotland for Art and Design. These subjects also did well in the Times and Guardian league tables, and were positioned in the top ten in the UK.

Other subjects that were ranked in the UK first quartile by the Guardian were business management (including accountancy and finance), psychology and sports science. As in other league tables, the Guardian also ranked Heriot-Watt very high for graduate employment, 14th in the UK, out of the 118 universities listed.

Commenting on the results the Principal, Professor Steve Chapman, said, "These are very positive results which demonstrate our commitment to enhancing the learning experience of our students. We aim to create the leaders of tomorrow, and we equip our graduates with the skills to achieve their ambitions. We will continue to increase our links with businesses and the professions to realise our ambitions."



# A big success for the School of Textiles and Design

The first combined Graduate Exhibition and Fashion Show, 'Representation: Presentation', of the School of Textiles and Design at the Dovecot in Edinburgh was a tremendous success.

The events included a public exhibition directed by Mark Eley of renowned fashion and design duo Eley Kishimoto, which featured a curated selection of students' work over the course of the year.

Following on from the opening of the exhibition, Dr Colin McDowell, one of the world's top fashion commentators and chief fashion writer of the Sunday Times, presented the first lecture in the Oliver Lecture Series in conversation with Dr Britta Kalkreuter and Professor George Stylios of the School.

The finale to 'Representation: Presentation' came with the Graduate Fashion Show, which showcased 19 final year fashion students, three knitted textile design students and coats created by third year fashion students for the Mackintosh Scottish Academy of Fashion project.



# 40th anniversary bowl

A 40th anniversary deserves a special commemoration and the bowl which John Ruickbie, Electrical Services Manager, made to commemorate the anniversary is certainly that. As mentioned in the last edition of Network, John's hobby is wood turning, specifically the more complex art of ring blocking, or gluing blocks of wood together to form a pattern and then turning the assembled piece to produce a smooth finish which shows the pattern off to perfection.

The 40th anniversary bowl is made from 305 separate pieces and incorporates a variety of woods which represent different areas of the University over the past 40 years, all of which would have gone to waste if John had not collected and transformed them into an enduring work of art.

The base of the bowl is mahogany, from old weaving equipment at Borders Campus. Other sources include a suspended ceiling between the Hugh Nisbet and James Watt buildings, a dado rail in the Scott Russell building, a banister from the Borders Campus and wood stripped out of lecture theatre four during the recent refurbishment. The bowl also incorporates sycamore and cedar of Lebanon taken from trees blown down on the Edinburgh Campus. John presented the bowl to the Principal on behalf of the University at the Graduation dinner, and it will be on permanent display in the University Museum.



# Your view counts

'Points for the Principal' was launched this semester to promote a participative communication approach across the University. The initiative has achieved positive participation with more than 50 questions and suggestions received since its launch. Staff can submit questions or make suggestions for the Principal via the Points for the Principal mailboxes located on the Edinburgh and Scottish Borders Campuses or through the Points for the Principal webpage: www.hw.ac.uk/internal/principal/form.htm

# **CIMA Competition**

Congratulations to the School of Management and Languages Dubai team who were runners-up in the UAE country final of the CIMA Global Business Challenge Competition held in June. The team were commended by Barclays PLC on their team spirit and professionalism in this competition. The CIMA competition attracts over 1,400 universities world-wide across 18 countries.





# Minister of Finance visits planning students

John Swinney MSP, Cabinet Secretary for Finance and Sustainable Growth, visited the School of Built Environment in March. The visit is part of Mr. Swinney's activities to engage with young planners of the future and to raise the profile of planning and planning education across the country.

Mr Swinney was received by the Principal, the Vice-Principal, Professor Gareth Pender, Head of School of the Built Environment, and Professor Alan Prior, Acting Head of School of Life Sciences. Mr Swinney was accompanied on the visit by Carrie Thomson who is the Senior Planner for the Scottish Government, Directorate for the Built Environment and also a former postgraduate student at the School.

The Minister spent time with planning staff and students and discussed a range of topics including the students' project work, spatial planning policy and sustainable development.

# New Student Service Centre



A new Student Service Centre is under construction at the Edinburgh Campus as part of a major refresh of the Hugh Nisbet building.

The new Centre is designed to improve the student experience by bringing together a wide range of support functions within one central location, for easier access. The development is in direct response to feedback received from students on the current service provision.

The Student Service Centre will provide student facing services for the Academic Registry, Finance Office and the Hospitality Services Cash Office, and the team in the Centre will be trained to cover all of these areas. The Centre will be located in a completely modernised and refurbished area of the main concourse which was formerly the venue for Scholars restaurant, the old snooker room and the hairdressers (which has already been moved to the other side of the concourse). It will have a fully glazed frontage, and include a waiting area, counter and interview rooms, as well as PC access points. The re-development will include widening the concourse to allow for better circulation along the corridor and provision of new toilet/washroom facilities.

The Centre is scheduled to open in September 2010 and will provide students with one location from which to manage a wide range of interactions with the University including, for example, making enquiries about enrolment, examinations and graduations, change requests for programmes and courses of study, transcripts of examination results, payment of accommodation invoices and other financial transactions. It will also offer arrangements for scholarship payments, requests to change address or update other personal details in the student system, and a point of submission for postgraduate research student theses. Each member of staff working in the Centre will be trained to assist with the whole range of enquiries managed within the Centre.

In parallel with the development and opening of the new Centre, the Student Support and Accommodation Office just across the corridor will expand from its existing location into the space previously occupied by the Development and Alumni Office team who have moved to a new location. As well as modernising and improving waiting areas, this additional space means that the international student advisors (currently in the Lord Balerno Building) can be co-located with other student advice staff, again providing a much more cohesive service to our students.

# **Student Services**

Student facing services for the Academic Registry, Finance Office and Hospitality Services Cash Office

New waiting area, PC access points, counter and interview rooms

New 'Venue' area for food and drink





As part of the wider refresh of the Hugh Nisbet building, there will be a new 'Venue' area, next to the new Student Centre, offering food and drink, including Starbucks coffee, freshly squeezed orange juice and the popular range of take-away pizzas. There will also be power sources for plugging in laptops.

Further along the corridor, the 'Microbyte' is being be refurbished over the summer. The dividing wall between the Microbyte and the old Lectern bar will be removed and the whole area will be re-designed to provide a stylish, clean and accessible range of eating, social and study spaces. The old Lectern bar can then also be utilised again, as and when required. Principal Steve Chapman said:

Our students are really important to us. I am delighted that, despite the financial challenges facing all Higher Education Institutions in the UK, at Heriot-Watt we are able to provide these improvements to the student experience and the working environment as part of the University's rolling programme of developments and improvements. The overall refresh of the Hugh Nisbet building will provide more modern surroundings, and bring together the provision of key, student-facing services in the Centre in order to provide a better service to our students at all stages of their time at Heriot-Watt.

Kathy Patterson, Academic Registrar and Deputy Secretary, said, "Bringing together all the student-facing elements of the Academic Registry, Finance Office and the Cash Office within Hospitality Services in a central location with upgraded facilities, and closely located to other improved student service areas, should make it easier for students to access the services they need and provide a more pleasant environment. Having a dedicated and specially trained team to deal with a wide range of student issues will also be of benefit to the students."

Thomas Day, General Manager of Hospitality Services, said, "The new 'Venue' outlet will provide old favourites and new options designed to cater for students' busy schedules. The refurbishment of the Microbyte and Lectern areas will offer attractive and sophisticated surroundings for flexible use, designed to provide a social space for students and staff in a 21st century university."

# Honorary Graduates 2010

The founder of Biba, leading journalists and broadcasters, top academics and Britain's only 10th Dan judo expert all featured among the University's 2010 honorary graduates.



- 01 **Barbara Hulanicki** Designer and Founder of Biba
- 02 **Dr M R Sarangapani Reddy** Chairman of Eikon International Holding
- 03 Lawrie Haynes Leading Engineering Industrialist
- 04 **Quentin Cooper** Leading Science Journalist and Broadcaster
- 05 **Professor Jeremy Peat**Economist and Director of the
  David Hume Institute
- 06 Robert Peston Award Winning Economics Journalist

- 07 **Professor Alastair Gillespie**Former Head of the School of Mathematics at the University of Edinburgh
- 08 **George Kerr**British Judo Association President and 10th Dan
- 09 Dr Jeremy Leggett Environmental Campaigner and founder and Chairman of Solar Century
- 10 Professor Sir Peter Knight Distinguished Optical Physicist and Deputy Rector of Imperial College

# KT Scotland Policy and Practice

Professor Alan Miller, Deputy Principal for Research and Knowledge Transfer, welcomed over 300 delegates to the third annual 'KT Scotland: Policy and Practice' conference, which took place at the University for the first time in April.

The conference brought together early career researchers with research managers, KT practitioners, policy makers and research funders to discuss how knowledge transfer is evolving and the challenges and opportunities it presents the research community in Scotland. More than 50 invited speakers and over 30 organisations showcased their KT initiatives at the conference exhibition.

KT Scotland 2010 was chaired by Quentin Cooper of BBC Radio 4. A 'KT Training Day' and 'Impact Poster Competition' generated further engagement by early career researchers.

The conference was sponsored by the Scottish Funding Council, the Scottish Government, Scottish Enterprise, Vitae, the University of St Andrews and Heriot-Watt University.

Dr Ruth Neiland, who initiated the conference three years ago in her role as Deputy Convener of Universities Scotland Research Training Sub-Committee, said, "I am delighted to see that so many researchers have benefited from the expanded KT Scotland programme at Heriot-Watt University and that the conference topic continues to attract the interest and support of so many national funding bodies and academic colleagues."

For more information visit: www.hw.ac.uk/ ktconference/index.html



# Travel troubleshooters

Volcanic ash clouds, demonstrations in Bangkok countered by armed resistance, pandemic flu outbreaks: just three of the natural and man-made causes of severe travel disruption over the past year.



As a University with many international connections, staff and student business travel covers three quarters of the world, individually and in groups. Luckily most of these trips go smoothly, but if there is a problem the University has a duty to manage all risks related to its business activity, including travel.

To do that the Group Risk Office needs to know which staff and students are where in the world at any given time. This means that anyone planning a University business trip should complete a travel authorisation form and the online risk assessment process. This may take a little extra time but it can greatly benefit travellers, and indeed the University, in the long term. Lorraine Loy, Group Risk Officer said, "Take the initial major disruptions caused to air travel by the Icelandic volcanic ash cloud. This stranded over 150 of our staff and students. all of whom needed advice and support. In too many cases, almost a third, we didn't even know they were there.

"Where people had given us all their details, we could contact them quickly by phone or email to check how they were doing, and what support they needed, then help them to make alternative travel arrangements or offer support with visas and linking back colleagues and students in Scotland.

"Among those people we didn't even know were stranded were students whose visas were on the point of expiring and staff who needed to get back for urgent family or University business, and it was that much harder, and took us that much longer, to give them the support they needed."

Also from the University's point of view, people trying to sort their own problems, completely independently, could mean financial implications for the University's own insurance and budget arrangements and reputation.

Using the University's own approved travel partner, Alba, is also very important. The current travel and expenses policy is under review and is expected to be agreed shortly.

The University current travel policy can be found by visiting:

http://he-purchasing.hw.ac.uk/internal/ TravelPolicyfinal240310.pdf

The travel risk assessment on-line form and various other useful information can be found by visiting:

www.hw.ac.uk/insurance/travel.htm

# Department name changes

# **Business Management**

The Department of Business Management is the new name for the Management Department in the School of Management and Languages.

# **Executive Support Service**

Executive Support Service is the new name for the Management Services Team.

## **Academic Enhancement**

The Academic Enhancement Team is the new name for the Educational Development Unit in the People and Organisational Development Department

# Information Technology

University Information and Computing Services (UICS) is now known as Information Technology (IT).



Claire McInally, a recent graduate from the School of Textiles and Design, was selected by the leading fashion retailer Oasis as one of the designers of their 2010 Designer Collective. The top store incorporated Claire's four textiles into garments and accessories of the "Paper Doll" collection which is being sold online and in stores across the country.

Last year Claire exhibited her collection at the New Designers Exhibition in London and Oasis buyers were attracted by her fresh approach to traditional Scottish textiles. About her studies Claire said, "I was lucky enough to be able to take advantage of the textiles-based facilities of the University and experiment with different techniques until I found my signature style."

Claire has started her own label and has also been invited to participate in the New Designers One Year On exhibition in London where she will present her new collection.



# Win for prospectus design

The University's Media Services section won an award at the annual UK University Print Managers National Design and Print competition. The team was victorious in the In-House Design category for the University's undergraduate prospectus.

Dunan Hurst, Head of Media Services, said, "I am absolutely delighted for my staff particularly Balazs Kral, our graphic designer, who was responsible for the concept and the design and for the members of the Corporate Communications team who worked with us on the project."

This latest victory now makes a total of 14 various national design and print awards which Media Services has won over the last seven years.



# Learning and Teaching Prize

The Learning and Teaching Award 2010 was awarded jointly to Dr. Robert Weston from School of Mathematics and Computer Sciences and Alan Smith from the Careers Advisory Service.

They received the Award for the development of a third year module designed to equip students with the skills essential for success in the graduate employment market and in their subsequent careers.

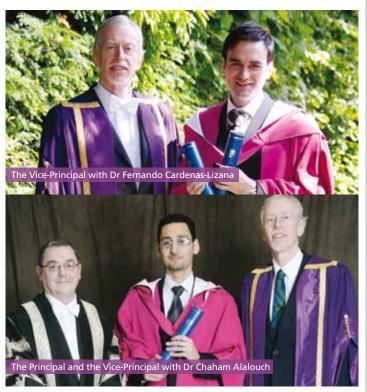
They were presented with a Certificate of Achievement and the Prize of £1,000 at the Degree Ceremony for the School of Mathematical and Computer Sciences on Thursday 24 June. They will also be giving a presentation at next year's Heriot-Watt University Learning and Teaching Conference.



# MacFarlane Prize

Dr Chaham Alalouch, from the School of the Built Environment, and Dr Fernando Cardenas-Lizana, from the School of Engineering and Physical Sciences, have been awarded the MacFarlane Prize.

This prize commemorates the contribution to the University of Professor AGJ MacFarlane during his tenure as Principal and Vice-Chancellor of the University and recognises the outstanding contribution of PhD graduates to the research of Heriot-Watt.



# New development areas in the People and Organisational Development team

The Academic Enhancement Team, led by Professor Rob Pooley, is now part of the People and Organisational Development (POD) team. The area retains responsibility for PG CAP and an expanded role in support of the Academic Enhancement Framework Project.

Researcher Development, led by Rob Daley, will be part of the Organisational Development Team. Ruth Neiland also joined the team with responsibility for Knowledge Exchange Development, as part of the 'Working with Industry' Project.

The development teams will be located at the Postgraduate Centre in Edinburgh Campus and provide an integrated mix of development activities and professional career development for members of staff across the University.

# The visit of a motoring icon

The Leadership Programme has welcomed Ansar Ali, Managing Director of Caterham Cars Ltd, as the key speaker of the Leadership Masterclass this year.

In "Driving the Good Stuff" Ansar Ali explained the successful story of the Caterham 7, the original British lightweight sportscar. Originally created as the Lotus 7, the company has continued to refine and enhance the design while always respecting the heritage of the original formula.

Students and staff had the opportunity to listen to Ansar Ali's experience as a leader on the development of the Caterham superlight R500 and learn from one of the most inspirational leaders in the motoring industry. About his visit to the University, Ansar Ali said:

It was an honour to be invited by Heriot-Watt University to speak to the innovators and entrepreneurs of the future. I hope to show how, as a small but fiercely British company, we have been able to create cars that merge classic design with the very latest technology which can rival and beat some of the most expensive machines created by the world's biggest motor manufacturers.

The Principal, Professor Steve Chapman, welcomed Ansar Ali to the Campus and outlined the importance of the programme, "The Leadership Programme aims to identify and support tomorrow's leaders in academic, business and civic life, and embed the promotion of leadership skills at every level of University activity."



# Scottish rock beds for carbon storage

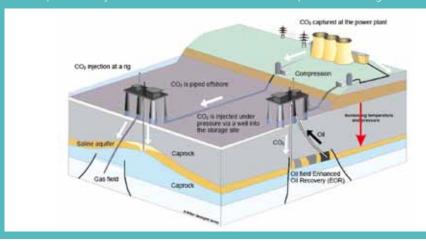
A consortium of Scottish Government, research organisations and industry, including Heriot-Watt, has funded a study to test the suitability of sandstone rocks beneath Scotland's Moray Firth as a specific site for carbon storage.

The site, called Captain Sandstone, which is more than half a mile below the seabed and 30 miles offshore, is one of many sandstones filled with salt water that provide more than 95% of potential  $\mathrm{CO}_2$  storage capacity beneath the UK's waters.

The Scottish Centre for Carbon Storage (SCCS), a partnership between the British Geological Survey, the University of Edinburgh and Heriot-Watt, is making a detailed examination of the site for its capacity, technical feasibility and commercial viability as a CO<sub>2</sub> store.

The study examines the potential of this sandstone to hold the  $\mathrm{CO}_2$  equivalent of decades of output from a coal-fired power station. Computer modelling of  $\mathrm{CO}_2$  injection into the rocks will test the long-term performance of the rocks to ensure  $\mathrm{CO}_2$  remains permanently locked in.

Dr Eric Mackay from the Institute of Petroleum Engineering commented, "Scotland is fortunate in having half a century of expertise through development of the oil and gas fields and this will prove invaluable in realising the potential for carbon capture and storage."



# Marine Sciences net £74.7 million investment

The Marine Alliance for Science and Technology for Scotland (MASTS), a marine science research pool with researchers from 10 universities and research institutes including Heriot-Watt, received funding for seven years as part of a total investment of £74.7 million.

The research pool will carry out world-class research, training and knowledge exchange. Among its key areas of research MASTS will pool existing strengths to look at areas including biodiversity, marine predators, sustainable mariculture, and fisheries.

Dr Hamish Mair from the School of Life Sciences said, "Scotland's seas are among the most biologically productive in the world. We have 25% of Europe's total tidal and offshore wind resource and 10 per cent of Europe's potential tidal power. We look forward to building on Scotland's existing reputation for marine science and hope to place the country as a global leader in this field."

# Poverty and Social Exclusion in the UK

Heriot-Watt is part of the UK's largest ever research project on Poverty and Social Exclusion to identify the causes and outcomes of poverty and social exclusion and to find solutions to tackle these problems.

The University is collaborating with seven other leading universities and research institutions to investigate recent trends in Scottish poverty in order to discover if Scots face different kinds of deprivation from people living in other parts of the UK.

Professor Glen Bramley from the School of the Built Environment, said, "This research will let us examine whether poverty levels are higher in Scotland than in the rest of the UK, and establish whether people in Scotland face different kinds of deprivation to the rest of the UK. We will also look closely at the role of housing, fuel costs, debt and the contribution of local services to easing or eradicating poverty."

# Forging links with California

The University is part of SU2P, a new venture between academic institutions in Scotland and California aimed at extracting economic impact from their joint research portfolio in photonics and related technologies.

The three-year programme is designed to create new businesses in Scotland and to reinforce industry links by offering businesses in the UK and the US a platform for exploring new prospects for transfering university research into commercial opportunity and working with researchers to identify and solve problems and challenges facing industry. Applications include life sciences, renewable energy, communication technologies and semiconductors.

The partnership has been established through a £1.6 million grant from Research Councils UK, as part of its Science Bridges awards. It has also received £99,000 from the Scottish Funding Council and £250,000 from Scottish Enterprise. All of these awards are over three years.

# Green Logistics

The Logistics Research Centre (LRC) in the School of Management and Languages has recently been awarded a grant of £258,000 from the Engineering and Physical Sciences Research Council for a two-year study of the opportunities for reducing carbon emissions from the distribution of goods by deep-sea container. The study, carried out by Professor Alan McKinnon and Dr Dong Wook Song, focuses on the contribution that companies sending freight can make to the 'decarbonisation' of their shipping operations.

This research will build on the work undertaken by the LRC on the four-year, multi-university Green Logistics project, also funded by the EPSRC, which was completed in June 2010.

# Understanding stalkers

Research on stalking by Dr Lorraine Sheridan from the School of Life Sciences found that the impact of stalking is not confined to victims. She found that in each case an average of 19 people were adversely affected and the vast majority of victims lost more than £5,000 as a direct result of hours lost at work and legal expenses. She investigated victims from more than 40 countries, including 700 from Scotland. Dr Sheridan said, "Considering Scotland is a relatively small country. I was amazed at the numbers who contacted me."

Additional research by Professor Adrian North and Dr Lorraine Sheridan examined people's attitudes to their favourite public figures, different types of 'celebrity worship', how these celebrities behave and how attractive they are perceived to be. The research has revealed stalkers are more likely to target people deemed ordinary or ugly than glamorous, beautiful targets.

Professor Adrian North commented, "We all have this idea that it is the most attractive public figures who attract the most attention, but that doesn't seem to be the case when it comes to the most intense and disturbing forms of attention, such as stalking."

# Understanding how the universe works

Heriot-Watt is leading a European-wide consortium which will help early-stage Astrochemistry researchers embark on a research career. The project, LASSIE (Laboratory Astrochemical Surface Science in Europe) is an Initial Training Network (ITN) funded under Marie Curie Actions within the European Commission's 7th Framework Programme. It will receive funding of €6.1 million (£5.5 million) over the next four years.

LASSIE seeks to address the key issue of the interaction of the astronomical gas phase with the dust that pervades the Universe. The gas-grain interaction, as it is know, has been recognised by astronomers as crucial in promoting chemistry.

Professor Martin McCoustra, from the School of Engineering and Physical Sciences, with Dr Eva Day (TRS) and colleagues from Leiden University and University College London, successfully secured this prestigious award after a very competitive selection procedure. It was one of the largest sums ever secured, almost double the level usually awarded.



# Sports triumph at Heriot-Watt

The University has achieved excellent participation in a variety of sports this semester. Students and teams have come back victorious from many competitions.

## Cricket

The Cricket team from the University's Dubai Campus won the University Preston Cup in a closely fought 20/20 match final against the American University of Sharja (AUS).



# Rugby

Two University Rugby scholars, Lee Jones and Struan Dewar, were selected to play for the Scotland 7s squad in the IRB 7s World Series Tournaments in New Zealand and the United States this year.

Lee, a fourth year Mechanical Engineering student, and Struan, a second year Construction Project Management student, are part of the 10 Rugby athletes who the University supports through Sports Scholarships.

Lee commented, "The academic flexibility offered by the University is something that has benefited my rugby training and competition immensely and for that I am thankful."



## Karate

The University's team achieved a gold medal for the third consecutive year at the British Universities and Colleges Sport Karate Championships. Members of the winning team also won medals separately:

- Calum Robb, PhD in Comparative Immunology, came first in the senior heavyweight +84kg category
- Stevie McCann, Interpretation and Translation Studies, took silver in the senior -67kg category
- Mark Wyllie, Electrical and Electronic Engineering, obtained bronze in the senior -67kg category

# Rowing

Two students picked up medals at the British University Rowing Championships.

lain Docwra, Sports Science student, collected a bronze medal in the Men's Championship Lightweight Single Scull. He has been selected for the British Universities team which will compete at the European Universities Rowing Championship in August.

James Scott, a Structural Engineering with Architectural Design student, took silver in the Beginner's Single Scull. He has played a significant role in helping the University retain the Scottish Universities Indoor Rowing Championship title. James and lain also had success at the Scottish Rowing Championships, where Heriot-Watt students brought home a record haul of seven championship titles.



# Formula One Ferrari visits the University

The Institute of Petroleum Engineering, together with Shell, organised a training session which included a Pit Stop Challenge. Students put their teamwork skills into action by changing the wheels on a Formula One Ferrari racing car in the fastest time possible.

Students enjoyed the challenge and the photographs show that it was a great learning experience.



# Helping pupils to flourish

West Lothian Council's Big Business Breakfast has recognised the University for its commitment to the Work Placement Programme. Every year, West Lothian Council holds the event to gather organisations offering placements, sponsoring schools and pupils.

The Work Placement Programme has contributed to the development of enterprise and employability skills of young people in a work environment. Procurement Services has been participating in the scheme since 2008, providing one week work placement opportunities in different roles across the University.

# A palace blog

In March staff and students from the School of Textiles and Design were invited to a reception at Buckingham Palace, hosted by The Queen and the Duke of Edinburgh. The event recognised individuals who have made a significant contribution to the British clothing industry. One of the attendees, Professor Sheila Mary Carruthers, wrote this following blog about the experience...

"Behind the façade is a very empty quadrangle, which led to the covered entrance. Cameras, coats and mobiles had to be left in the very glorious cloakroom in the equally impressive entrance hall. Loads of mirrors, gold, red covered sofas and pictures everywhere. Whilst waiting for those who went to the ladies (wooden seats and marble apparently!), we greeted all the Scottish Manufacturers: David Ogilvie, Robin Deas, David Breckinridge and the likes. Colin McDowell was met and kissed and John Rocha spotted.

Red carpeted stairs, mirrors, candelabra, sparkle, the palace has huge high ceilings, and seems very gold but in an okay way. We picked up badges very easily and then were gently ushered into the throne room. More red, two thrones, embroidery, real masterpieces on the walls, trays of champagne, (Mumm Cordon Rouge,) orange juice or water.

Everywhere there were famous people... mainly honorary graduates of Heriot-Watt!

Jasper Conran, George Davis, Zandra
Rhodes, Twiggy, Erin O'Conner, David Bailey,
Bruce Oldfield, Betty Jackson,
Lisa Armstrong (Fashion editor of The Times),
Elizabeth Emmanuel, Philip Tracy, Richard
James, Christopher Kane, and Tammy, who
sent love to all, especially Sandra and Ray
Oliver. These were only the people I spotted,
but suspect there were many more.

What was extraordinary was that all the famous designers couldn't be prima donnas because they, a) had no team around them to protect and b), the Queen was the real star, and all seemed to be in awe. There was little very extraordinary dress, most men seemed to be in very conservative suits, and women lots of black, of course, apart from Zandra, who was as usual printed and pink.



Much to my surprise, we were gently and very discretely ushered into a slight queue to meet the Queen and HRH Philip. They shook hands, smiled and had a word with everyone....truly amazing and surprisingly quick. Prince Philip seemed to recognise Heriot-Watt, or perhaps was just being polite, probably that, but good anyway.

Again, gentle ushering and were all mixed up into another room and after all the shaking Her Majesty and Prince Philip and Sophie, Countess of Wessex (Edward's wife, who is very petite and pretty) and Princess Michael of Kent (who is very tall) all came to talk informally with everyone. I think almost everyone would have had a chance to be in a group with at least one of them...they just sort of appeared at your side and started talking. Truly extraordinary! Then there were all the fascinating staff, archivists, curators and general palace employees who also talked, and made sure that we realised we were looking at the Vermeers, Holbeins etc which literally covered the walls.

The Queen is very petite, looks amazing, and was wearing a brocade dress and jacket in whitish/silverfish, and Prince Philip was much smaller than I imagined, very energetic, well informed and apparently interested.

This was the first unique Fashion Textiles Reception apparently, a great success we thought, just marvellous to have been invited and to experience. Heriot-Watt seemed very well represented, nine of us, only saw two RCA, and only one from Nottingham. Didn't see any other universities think we were the overwhelming majority.

It really was memorable, and I feel very lucky that my name came out of the hat, thanks for this opportunity."



# Tessa nominated for Impact Award

Tessa Padden, from the Centre for Translation and Interpreting Studies, was shortlisted for the Newcomer of the Year section of the 2010 Impact Awards.

The Impact Awards recognise people and groups who have made outstanding contributions to society and the economy through innovation.

A spokeswoman for award organisers PraxisUnico said, "Tessa was nominated for her work in advancing public policy development on Deaf issues. Just one example of how her work as a Knowledge Exchange Associate has led to a real living exchange of knowledge between policy makers and the Deaf community was when the First Minister of Scotland, Alex Salmond, delivered a talk, 'Choosing Scotland's Future', in the 2009/10 Edinburgh Lectures programme. Tessa asked the organisers to provide BSL/English interpretation and publicised the accessible event through the growing network of BSL:UPTAKE associates."

Tessa said about her nomination:

I was delighted and surprised to be shortlisted for the Newcomer of the Year. BSL:UPTAKE is a great all-round team project and as the Knowledge Exchange Associate and the on-screen 'face' of the project I can only pull together and present the sum of our collective efforts. But I feel it is a great honour for the project, the department and Heriot-Watt University that the Impact Awards have recognised our work in this way.





Four Heriot-Watt representatives were amongst the new UK and International Fellows, announced by the Royal Society of Edinburgh.

Professor of Physics, Gerald Buller; Professor of Autonomous Systems Engineering, David Lane; Head of the Energy Academy, Patrick Corbett, The Rt Hon Lord George Penrose, Chair of Heriot-Watt University Court were all made Ordinary Fellows.

# RSC prize

Chemistry Lecturer Dr Scott Dalgarno, has been awarded the Harrison-Meldola Memorial Prize by the Royal Society of Chemistry.

The Prizes are awarded to a chemist aged under 32 who has demonstrated 'the most meritorious and promising original investigations in chemistry and published results of those investigations'.

Professor Douglas Greenhalgh,
Head of the School of Engineering
and Physical Sciences said, "This is the
RSC's highest award for early career
scientists and previous winners have all
gone on to become leading international
figures, many gaining further accolades
including the Nobel Prize for Chemistry.
It clearly demonstrates the international
importance of Scott Dalgarno's research
and we at Heriot-Watt celebrate his
achievement and wish him every success
as he continues to develop his career
with us."

# Leadership Awards

Leaders at Heriot-Watt University recently received awards from the Institute of Leadership and Management (ILM).

The group was put through its paces by the ILM throughout last year with awards achieved in Team Leading by: Olly Robertson (Sports and Exercise Centre), Yelena Bruce and Marta Grosman (Hospitality Services), Alison Morrison (Library Services, SBC), Janet Patterson (Finance), Clare Cameron (Converge Project TRS) and Jennifer Rossa (formerly Management Services).

The following leaders achieved awards in Leadership and Management Skills: Rowena Forbes (SML), Jackie Baird (Hospitality Services) and Beth Johnson (TRS).

The ILM programmes are run in collaboration with five other higher education institutions across Edinburgh. For further information about the leadership qualification please contact organisational.development@hw.ac.uk.



# Outstanding student achievement award won by SBE student

Kathryn Gilchrist took the honours in this year's Royal Town Planning Institute (RTPI) awards for education and lifelong learning.

Kathryn, who completed her MSc in urban and regional planning with an average score of 76%, received the award for 'Outstanding Student Achievement in Planning Education' at the RTPI Planning Awards in London in February. Kathryn is going on to study for a PhD. Her lecturer, Sarah McIntosh, said, "These two examples provide evidence of the high quality and wide range of Kathryn's work. She has performed strongly throughout the year, both in individual assignments and group work. We are delighted that she has decided to continue her studies."



# Most valued teachers celebrated

Some of the most valued teachers at Heriot-Watt University were recognised at a ceremony hosted by the Principal at Hermiston House

Nine teachers were nominated by their School or Institute to receive a 'Most Valued Teacher Award'. The awards scheme is organised by the Academic Enhancement team.

Well done to the award winners: Vicky Goodfellow, SLS, Paul Cyphus, SLS, Jim Somerville, IPE, Monica Farrow, MACS, Ann McFall, SML, James Douglas, SBE (retired), Jeremy Raemaekers, SBE, Britta Kalkreuter, TEX and Peter Cumber, EPS.

## **ICE Presidential address**

Professor Paul Jowitt, President of the Institution of Civil Engineers (ICE) and Professor of Engineering Systems in the School of the Built Environment, delivered his Presidential address in February in the Postgraduate Centre, Edinburgh Campus.

The Heriot-Watt Professor of 22 years and SISTech Executive Director, celebrated 'the proudest moment of his career' in November last year, becoming the Institution's 145th president.

# Deputy Principal to advise government

Professor Julian Jones, Deputy Principal (Strategy and Resources) has been appointed to the Scottish Science Advisory Council (SSAC). This group of 19 experts provides the Scottish Government with independent advice on a range of science-related topics.

Also a member of SSAC is Ian Ritchie CBE, who is a Heriot-Watt honorary graduate and former President of the Watt Club.

# **Appointments**

#### **University Secretary**

Ann Marie Dalton has been appointed as the new University Secretary. She takes up her post in December 2010 but has been working as Secretary Designate at the University since May.

Before joining Heriot-Watt, Ms Dalton was University Secretary and Registrar at Thames Valley University. Previously she also had responsibility for Planning and Management Information Services, Student Services and Academic Development.

Ms Dalton said, "I very much look forward to being part of one of the UK's most successful institutions and working with colleagues to deliver the University's strategy."



#### Vice-Principal

Professor Julian Jones has been appointed Vice-Principal from August 2010 to July 2012, as Professor Andy Walker's period of office comes to an end this July.

#### Vice-Principal Dubai Campus

Professor Ammar Kaka has been appointed the Vice-Principal of the Dubai Campus following Professor Brian Smart's retirement from the University.

#### MACS Director of Learning and Teaching

Dr Nick Gilbert was appointed as Director of Learning and Teaching, School of Mathematical and Computer Sciences.

#### Dean of Arts, Humanities and Social Sciences

Professor John Sawkins, School of Management and Languages, was re-appointed as Dean of Arts, Humanities and Social Sciences.

#### Sub Dean

Professor Bob Christie, School of Textiles and Design, has been appointed as Sub-Dean to Professor John Sawkins from this October.

# Memorial

An event was held in May at the Edinburgh Campus in memory of Dr Alison Cawsey, Senior Lecturer in Computer Science.

Alison was remembered by colleagues and her family at the planting of a tree in the millennium garden and the unveiling of a memorial bench outside the Earl Mountbatten Building. Current and former staff and students raised the funds for the memorial. Alison's father, David said "It was a lovely, memorable day."

Alison passed away in June 2009 after a long and courageous struggle with cancer.



# Retirals



Roddy MacLeod retired in December 2009, after over 30 years working in Heriot-Watt Library. Roddy is an enthusiast for the application of new

technologies and IT tools to information work and is known nationally and internationally as the founding editor of the Internet Resources Newsletter. His contribution to librarianship was recognised in 2000, when he was named as Information Professional of the Year by Information World Review. Colleagues wished him well at a retirement party as he leaves to spend more time with his beloved VW campervan.



Agnes Ferry, Domestic Assistant, in Catering Services, retired from the University after 30 years. Colleagues held a retirement event to wish her well.

# University wedding

Heriot-Watt PhD student Festus Oderanti chose the University Chaplaincy as the venue for his wedding to bride Adesola in November last year. This was the first wedding in the Chaplaincy for the University Chaplain Rev Dr Alistair Donald, who took up his post earlier in 2009. Guests included Festus' supervisor Professor Phillipe de Wilde together with many of the couple's Nigerian and Scottish friends.

Rev Dr Donald said, "It was a wonderful, joyful occasion, with enthusiastic singing not only during the service but also at the reception afterwards in the Chaplaincy lounge. We have much to learn from our Nigerian friends about life and worship."



# Book sale staff thanked

The Principal recently thanked a group of staff for their fundraising efforts. Joyce Robb, Andrew Smith and Jacqui Baird have been organising charity book sales at the Edinburgh Campus for around 14 years.



They estimate they have sold around 100,000 books over the years, raising between £40,000 and £50,000 for St Columba's Hospice in Edinburgh and the Children's Hospice Association of Scotland (CHAS). Jacqui says, "We usually sell around 40% of the books, CDs and DVDs. The most popular is general fiction but students are always delighted to find a bargain text book." Andrew said:

Because we regard St Columba's/CHAS as very worthwhile causes we are happy to take annual leave to run these sales and we hope that staff and students agree with us and continue to support us by donating books and coming to the sales to purchase a new supply. We think the book sale has become a bit of an institution and we know that many students and staff members really look forward to the sales.

Our latest sale in May raised £1,037 which is an excellent result as this is usually our quietest sale. We'll be planning another sale in the next months so look out for announcements in the electronic newsletter."

# Recognition for brewing Profs

Two Heriot-Watt Emeritus Professors in Brewing and Distilling have been recognised and commended by the brewing and distilling industry. In the last year Geoffrey Palmer was awarded Honorary Doctorates by the University of Abertay and, this summer, by the Open University.

Meanwhile, Graham Stewart was awarded the Institute of Brewing and Distilling's 2009 Horace Medal Award, the American Society of Brewing Chemist's 2009 Award of Distinction and the Master Brewers' Association of the America's 2010 Award of Merit.

# Hospitality raise funds

Hospitality Services raised £554 for the University's sports scholarship programme under a new fundraising scheme operated by Coca Cola Enterprises.

The money was raised through the sale of Abbey Well Mineral Water through the University catering outlets.

## Race for Life

Three colleagues from the Edinburgh Campus' Café Brio completed the Race for Life in Edinburgh in June. The ladies were spotted and photographed by Stuart Telford from the School of the Built Environment.



# Peter's challenge

Well done to Peter King from the School of Mathematical and Computer Sciences who completed the Caledonian Etape in aid of Macmillan Cancer Support. Peter took four hours and 46 minutes to cover the 81 miles of this closed road cycling event.





# Madonna's Mile!

Students and staff from the School of Textiles and Design raised £1000 for Sport Relief in March by running up and down stairs in their High Mill building 28 times, dressed as Madonna. Lecturer Lisa Macintyre said, "The event was a huge success and the Madonnas had so much fun that several more staff (including an eminent Professor of Colour) and students joined in on the day by borrowing key elements of Madonna costumes from the original participants.

Most of the Madonnas were inspired by her early 80s persona but there were also several from the all-American cowgirl era, one in full leotard inspired by 'Hung Up', an 'off-duty' Madonna and, of course, a Gaultier Madonna.

# Indian in-country representative

As part of the University's developing internationalisation strategy, Anita Abbi has been appointed as Heriot-Watt's first Indian in-country representative. She will be responsible for increasing student recruitment from India and will be developing proposals for in-country activities such as partnerships and the proposed campus development.

Anita is a graduate of the University of Delhi and has extensive experience in promotion and recruitment for international universities in the Indian market. She will be based in Heriot-Watt University's new offices in New Delhi and will report to Recruitment & Admissions Service.

About her new role, Anita commented, "India currently is a high potential market for overseas education with the second largest number of students after China. Our priority will be to promote and create awareness of the University in the country. We will be developing constant presence of the University in career fairs, visits to schools and working extensively with established agents and partners as well as developing new market opportunities".



# One Young World

A Heriot-Watt student attended the inaugural One Young World summit held in London in February.

MSc Business Management student Aditya Ranjan represented his home country of India at the global leadership summit for young leaders aged 25 and under. Counsellors at the summit included Koffi Annan, former Secretary General of the UN; Desmond Tutu, Nobel Peace Prize winner; Sir Bob Geldolf, activist and musician; and John Kerry, US Senator and Chairman of the United States Foreign Relations Committee.

Find out more about One Young World at: www.oneyoungworld.com

# Correction previous edition

Network reported in the winter 2009 edition the Emerald Literati Network Award for Excellence. The report ommitted to note that the principal researcher and main author of the winning paper was Dr Alan Forster from the School of the Built Environment.



# HWUSA's 'Oscars'

Well done to the staff who were recognised at the Students' Association's 'Learning and Teaching Oscars'. The following winners, who were nominated by students, were announced at an event earlier this year.

### **Kathy Waite**

Master/Mistress of Vision Award - which rewarded a staff member for innovative use of VISION.

#### Sheila Young

Support Staff Award - which rewarded a member of staff for administrative or practical lab support.

#### **Des Johnston**

Refreshing Award - which rewarded a member of staff for doing things a bit differently, and making things creative and interesting for students.

#### Susan Dewar

Thinkers Award - which rewarded a member of staff for challenging students and making them think and do some independent learning.

#### Jennie Hansen

Guiding Hand Award - which rewarded an academic mentor or supportive lecturer for going that extra mile with helping students.

#### Lisa Macintyre

Switched On Award - which rewarded an enthusiastic and dynamic lecturer for making the difficult, easy, and engaging students.

A special award was also presented to Martin Wilkinson, as he was nominated in every single category.

# Oystercatchers

A member of staff from the School of Engineering and Physical Sciences was instrumental in the protection of some oystercatcher chicks that were born in a car park next to the Edinburgh Campus's Colin Mclaurin Building.

Brian Harding built a barricade around the bird's nest to protect the family from traffic. The innovative barrier served as a nesting area to the happy mother of two chicks.

Brian said: "The barrier was a joint effort between myself and Alastair Houstin. I then made up some signage to warn sightseers and basically left the birds to do what they do."



# Swans

The Edinburgh Campus swans have also increased in number thanks to the arrival of nine cygnets.



# 40th anniversary competition

Network is holding a special competition to mark the 40th anniversary of the University's Edinburgh Campus with a very special prize – a specially commissioned Ruickbie bowl, created by John Ruickbie, the University's electrical engineer. John's skill as a wood turner was featured in the previous edition of Network and on page seven of this edition.

The Prize bowl is turned from spalted sycamore from the Avenue of the Edinburgh Campus. The lid is cedar of Lebanon from the large tree behind Leonard Horner Hall, and the filial is mahogany from weaving equipment from the Scottish Borders Campus.

To enter the competition answer the questions opposite. Answers can be found by visiting the exhibition on the 40th anniversary in the Archive Museum.

- 01) Where was the Corslet originally located?
- 02 What was on the original site of the library?
- 03 What was Heriot-Watt University the first in Europe to develop?
- 04 Who designed the Chaplaincy building?
- 05 Who developed the landscaping at Riccarton?

Entrants should send their answers to news@hw.ac.uk
The winner will be announced in the winter edition of Network.



# Quiz Winner

Congratulations to Kristi Hayes, Employer Liaison Coordinator at the Careers Advisory Service, who is the winner of the quiz in the last issue of Network. She won Amazon vouchers worth £50. Kristi is pictured receiving her voucher from Theresa Merrick, Director of Corporate Communications.



# Dates for your diary

19 August: Knowledge Festival Lecture. Professor Tom Devine, the renowned historian and author will give a talk on: The Scottish Enlightenment: A Puzzle from Knowledge of the Past. 7.30pm, Edinburgh Conference Centre, Edinburgh Campus. Tickets £5 (£3 concessions). Tickets available from Lynne Geary at I.geary@hw.ac.uk

20 August: Knowledge Festival Lecture. Heriot-Watt University Alumnus, Jock Clear, the Senior Engineer at Mercedes Grand Prix, will give a talk on engineering knowledge and its application in Formula One. 7.30pm, Edinburgh Conference Centre, Edinburgh Campus. Tickets £5 (£3 concessions). Tickets available from Lynne Geary at I.geary@hw.ac.uk

**23 August:** Knowledge Festival Lecture. Lecturer TBC, check www.edinburgh-conference.com/Knowledge\_Festival\_2010 for updates.

7.30pm. Venue, Edinburgh Conference Centre, Edinburgh Campus. Tickets £5 (£3 concessions). Tickets available from Lynne Geary at l.geary@hw.ac.uk

**22 October:** Lunchtime Concert. Jazz Vehicles 'Best Youth Jazz Band' in 2009. 12.30pm. Venue, Zero Degrees, Students Union, Edinburgh Campus. All concerts start at 12.30pm and last for approximately 50 minutes. Food and beverages are available before, after, and during the concerts. Lunch may be taken into the venue. Free.

29 October: Lunchtime Concert.
Alison Stephens "A Mandolin Journey."
12.30pm Zero Degrees, Students Union,
Edinburgh Campus. All concerts start at
12.30pm and last for approximately 50
minutes. Food and beverages are available
before, after, and during the concerts.
Lunch may be taken into the venue. Free.

**26 November:** Lunchtime Concert. Heriot-Watt Jazz Ensemble. 12.30pm. Venue, Zero Degrees, Students Union, Edinburgh Campus. All concerts start at 12.30pm and last for approximately 50 minutes. Food and beverages are available before, after, and during the concerts. Lunch may be taken into the venue. Free.

**10 November:** 40th Anniversary Fireworks Finale, 7.00pm Edinburgh Campus. See e-news for further details