



GCU
Glasgow Caledonian
University
School of Engineering and Built Environment

Prize Giving Ceremony 2014

GCU
Glasgow Caledonian
University
School of Engineering and Built Environment

Glasgow Caledonian University
Cowcaddens Road,
Glasgow, G4 0BA

T: **+44 (0) 141 331 3000**
E: **schoolebe@gcu.ac.uk**

www.gcu.ac.uk/ebe

Congratulations to all prizewinners and a warm thank you to our sponsors.

Welcome to the School of Engineering and Built Environment



The School of Engineering and Built Environment offers a comprehensive suite of programmes spanning Civil, Mechanical, Electronic and Environmental disciplines to Gaming, Cyber Security, Software and Computer Systems Engineering. We also have industry leading programmes in Construction Management, Quantity Surveying and Property Management. In some of our

Computing courses we combine traditional engineering skills with innovative and creative design skills to produce 3D capable software and games as well as functional yet stylish products.

We are especially proud of our industry links and we are fortunate to welcome a large number of part-time students each year who bring a great deal of practical experience at undergraduate and postgraduate levels. Our well-equipped facilities and high quality teaching staff ensure that students receive a stimulating practical and theoretical learning experience that is world class. Our academic programmes are underpinned by our research which especially in the Built Environment is rated by the UK Research Assessment Exercise (RAE 2008) as 'world leading' and internationally excellent'. We have made extensive investments in our laboratories which will markedly improve our Students experience.

Our academic staff work closely with industry delivering a range of specialist consultancy and commercial research, as well as Continuing Professional Development (CPD). The School also delivers professional bespoke training through our company 'Academies'.

Professor Iain Cameron

BSc, MSc, PhD, FCIQB, FCMI, CFIOOSH, FHEA, FRSA
Acting Dean, School of Engineering and Built Environment

Welcome to Glasgow Caledonian University



It is a great privilege to welcome you to Glasgow Caledonian University and the Student Awards Event for the School of Engineering and Built Environment.

A globally networked University, GCU is committed to providing educational opportunity to talented students from a range of backgrounds and delivering research with a practical

benefit to society. Our student awards events are always a source of pride for staff and students alike and celebrate the efforts of each and every member of our University community including those who have excelled.

Central to the education we provide at the University is the support provided by Professional Bodies who accredit our courses and the input from our colleagues in business who help us co-create our curriculum ensuring our teaching is relevant in the modern day world and we are once again grateful for their considerable contributions throughout the year. These contributions come in a variety of forms: the provision of numerous student prizes; valuable guidance on curriculum design; engagement in joint research; consultancy and knowledge transfer activities, and sometimes as a critical friend offering advice and support.

I would also like to take this opportunity to thank the staff of the School who have once again shown great skill, commitment and enthusiasm throughout the year in guiding students to achieve their full potential.

I do hope that you will enjoy celebrating the success of our students.

Professor Pamela Gillies

Principal and Vice-Chancellor

Our commitment to excellence is underpinned by our industrial partnerships.

KAR Scholarship Prize

Award for Overall Best MSc Student in Built Environment
MSc Energy and Environmental Management (Oil & Gas)
Winner: **Kelly McNee**



Keppie Design

Keppie Design Prize for Best BA (Hons) Interior Design Student
Winner: **Katriona Pollock**



Knight Frank

Award for Top Student in BSc (Hons) Building Surveying Professional Studies Level 4
Winner: **Brian Reid**



Lambert Smith Hampton

Award for Top Professional Placement Student
BSc (Hons) Property Management Valuation
Winner: **Lauren Munro**



Lend Lease Construction (EMEA) Ltd

Award for Top Level 1 (FT) Student in Construction Management
Winner: **Logan Boyle**



Lend Lease Construction (EMEA) Ltd

Award for Top Level 1 (FT) Student in Quantity Surveying
Winner: **Colin McKenzie**



MAHLE Engine Systems UK

Award for Best BEng (Hons) Computer Aided Mechanical Engineering Student
Winner: **Sean Gorman**



Morgan Stanley

Award for Best Level 2 Group Computing Project
BSc (Hons) Computing (Web Systems Development)
Winners: **Martin Conway, Jordan Ferries, Kieran Harris, Jonathan Kerr, Sam Peoples**



NVT

Award for Top BEng (Hons) Networked Systems Engineering Project
Winner: **Norman MacCuish**



OPITO

Award for Environmental Regulation & State Control of Oil & Gas Module
MSc Energy and Environmental Management
Winner: **Laura Rodriguez Labajos**



Quantity Surveying Industry Advisory Group

Award for Most Improved Student in Level 1
Winner: **Stacey McArdle**

Raynesway

Award for Best Measurement Student in BSc (Hons) Quantity Surveying
Winner: **Connor O'Neil**



Ryden

Award for Best Performance Across Honours Valuation modules
BSc (Hons) Property Management Valuation
Winner: **Stephen Craig**



South Lanarkshire Council

SCQS Prize for Top Student in Measurement Module
BSc (Hons) Quantity Surveying
Winner: **Ross Gibson**



Stream Technologies

Award for Best Overall Student in MSc Advanced Computer Networking
Winner: **Yasser Farh M. Alharbi**



Stream Technologies

Award for Best Masters Dissertation in Networking and Communications Masters Suite
Winner: **Hifaa Abdul Hadi Shabin Bait Baraka**



SVM

Award for Best Overall Performance at Honours Level
BEng (Hons) Building Services Engineering
Winner: **Ewan McLean**



Sweett Group

Award for Top Individual BSc (Hons) Quantity Surveying in Interact Competition
Winner: **Lisa Shannon**



TMS CAD Centre

Award for Best Interior Design 1 Student
BA (Hons) Interior Design
Winner: **Samuel Finnigan**



TMS CAD Centre

Award for Best Interior Design 2 Student
BA (Hons) Interior Design
Winner: **Nicolle Pearston and Katriona Pollock**



TMS CAD Centre

Award for Product Design 1 Best Overall Student
Final Year
BA (Hons) International Product Design
Winner: **Greg Mcfarlane**



Trades House of Glasgow

Scottish Building Contractors Association Scholarship Prize
BSc (Hons) Construction Management
Winner: **Grant Clayton**



Trident

Harry Madden Memorial Prize
BSc (Hons) Building Surveying
Winner: **Claire Gordon**



Turner & Townsend

Award for Top Final Year Student BSc (Hons) Quantity Surveying
Winner: **Siobhan Morrison**



Veitchi Group

Award for Top Dissertation in Built Environment
BSc (Hons) Building Surveying
Winner: **Claire Gordon**



Watts Group

Award for Top Building Surveying Studies 4 Project
Winner: **Michael Harvie**



Workman LLP

Award for Best Overall Performance in Property Management Subjects
BSc (Hons) Property Management Valuation
Winner: **Chris Common**



BARR Construction
Award for Top Student Performance in the Construction Engineering and Structures Module (Setting out) BSc (Hons) Construction Management
Winner: **David Hancock**



BARR Construction
Award for Top Value and Risk Appraisal Student BSc (Hons) Quantity Surveying
Winner: **Heather McIntyre**



Brookfield Multiplex
Award for Top Student Performance in Estimating module at Level 3 BSc (Hons) Quantity Surveying
Winner: **Heather McIntyre**



Brookfield Multiplex
Award for Top Student Performance in Health and Safety in the Construction Process Management Module BSc (Hons) Construction Management
Winner: **Steven Allan Smith**



Burness Paull
Award for Best Performance in Property Legislation BSc (Hons) Property Management Valuation
Winner: **Adrian Bryan**



CBES
Award for Best Building Services Engineering student at Level 2
Winner: **David Surgeon**



CBRE
Award for Top Level 2 Student in BSc (Hons) Property Management and Valuation
Winner: **Adrian Bryan**



Clancy Consulting
Award for Best Building Services Engineering Honours Project
Winner: **Ewan McLean and James Reid**



Clark Contracts
Alan Calder Memorial Prize for Top Final Year Student (Part-time) BSc (Hons) Quantity Surveying
Winner: **Rona Hepplewhite**



Clark Contracts
Award for Best Level 3 Technology Student from BSc Building Surveying
Winner: **Jack HELLIER**



Clark Contracts
Award for Best Level 3 Technology Student from BSc Construction Management
Winner: **Thomas Doran**



Clark Contracts
Award for Best Level 3 Technology student from BSc Quantity Surveying
Winner: **Samantha Scott**



Clark Contracts
Overall winner for Best Level 3 Technology BSc (Hons) Quantity Surveying
Winner: **Samantha Scott**



CoStar Group
Prize for Top Level 1 Valuation Student BSc (Hons) Property Management Valuation
Winner: **Scott Shephard**



Create Bathroom and Kitchen Studio
Award for Best Building Surveying student in Design and regulation at Level 2
Winner: **David Main**



Currie and Brown
Award for Top Level 2 Student (Full-time) BSc (Hons) Quantity Surveying
Winner: **Aamir Mohammed**



David Avery Memorial
Award for Prize for Best Performance in Cost Studies BSc (Hons) Quantity Surveying
Winner: **Tracy Sutherland**

Doble
Award for Best Project for BEng (Hons) Electrical Power Engineering
Winner: **Stewart Hynds**



Doig and Smith
Award for Best Performance in Level 2 Core Modules BSc (Hons) Quantity Surveying
Winner: **Aamir Mohammed**



DTZ
Award for Best Dissertation BSc (Hons) Property Management Valuation
Winner: **Stephen Craig**



EC Harris
Award for Top Quantity Surveying Student in Construction and Project Commercial Management
Winner: **Rona Hepplewhite**



FMC Technologies
Award for Best Masters Dissertation in Networking and Communications Suite
Winner: **Ehigiator Peter Osamudiamen**



Focus Technical
Award for Best Overall Student for BSc (Hons) Forensic Investigation
Winner: **Jacob Crisp**



GVA James Barr
Prize for Top Student in Valuation Module in Level 2 BSc (Hons) Property Management Valuation
Winner: **Adrian Bryan**



Hays
Award for Best Overall Performance at Level 1 in BEng Building Services Engineering
Winner: **Paul McAllister**



Historic Scotland
Award for Best Conservation Student BSc (Hons) Building Surveying
Winner: **Ian Thomson**



Howden
Award for Best Honours Student (Full-time) BEng (Hons) Mechanical Electronic Systems Engineering
Winner: **Craig William Pazikas**



IBM
Award for Top Computing Student in Level 1 BSc (Hons) Computing (Web Systems Development)
Winner: **Amandine Eap**



JB Brickwork
Award for Best BSc (Hons) Quantity Surveying Student in Negotiation Module
Winner: **Alistair Lauder**



Jones Lang LaSalle
Award for Top Honours Level Student BSc (Hons) Property Management Valuation
Winner: **Stephen Craig**



KAR Scholarship Prize
Award for Overall Best Honours Student in Built Environment BSc (Hons) Building Surveying
Winner: **Claire Gordon**



Prize giving ceremony

- 5.30 **Drinks reception**
- 6.00 **Welcome**
- 6.15 **Professional Body Prize Ceremony**
- 6.45 **Alumni Achievement Award to Christopher To**
- 7.00 **Starter and Main Meal**
- 7.30 **Company Prize Ceremony**
- 8.30 **Dessert**
- 9.00 **After dinner speaker – Brigadier P K Harkness MBE**

Menu

Roast Celeriac & Thyme Soup with home baked bread rolls

Roulade of Corn fed Chicken stuffed with Basil & Sun dried Tomato with a Tarragon & Red Wine Sauce

or

Feta Cheese, Spinach & Olive pancake Roll with spiced Tomato Chutney and a caper & citrus salad (v)

Mango & Passion fruit Bavarois with Raspberry Sauce

After dinner speaker



Brigadier Paul Harkness was commissioned into the Queen's Own Highlanders in September 1987. He was subsequently posted to the Ministry of Defence as the Assistant Military Assistant to the Assistant Chief of the General Staff.

On promotion to Major he was attached to Headquarters Sector South West in Bosnia as part of the Joint Commission Military Executive Committee in Bosnia, before returning to The Highlanders as a Company Commander in Northern Ireland and subsequently as the Royal Guard at Balmoral.

On promotion to Lieutenant Colonel he was posted to Iraq as part of Headquarters 3rd Division. In June 2005 he assumed command of the 1st Battalion The Royal Highland Fusiliers in Cyprus, where they formed the TELIC (Iraq) Reinforcement Battalion. On finishing command he deployed again to Iraq as the Deputy Chief of the Iraqi Security Forces in MND(SE).

On promotion to Colonel he became a Divisional Director at the Army Division of the Joint Services Command and Staff College. He was selected to deploy at short notice to be the Chief of Operations for General Petraeus at HQ ISAF in Kabul.

He assumed his current appointment as Commander 51 (Scottish) Brigade in August 2012, now Headquarters 51st Infantry Brigade and Headquarters Scotland.

Brigadier Harkness is married to Jacky and has two sons.

Alumni Achievement Award - Awarded for leadership in Arbitration and work on Zero Carbon Building technology



Christopher Wing To, Executive Director - Construction Industry Council and Chairman of the Chartered Institute of Arbitrators (East Asia Branch)

Christopher Wing To is currently the Executive Director of the Construction Industry Council and Chairman of the Chartered Institute of Arbitrators (East Asia Branch). He is a Chartered Arbitrator, an Accredited Mediator, a Chartered Engineer

and a Chartered Information Technology Professional. He is also a Council Member of the Hong Kong International Arbitration Centre, Vice-Chairman of the Hong Kong Institute of Directors, a Committee Member of the Hong Kong Corporate Counsel Association, At Large Council Member of the Inter-Pacific Bar Association, Member of the International Chamber of Commerce Commission on Arbitration and ADR and a Member of the Secretary of Justice Steering Committee on Mediation. Christopher was fortunate to be awarded Director of the Year 2001 by the Hong Kong Institute of Directors, awarded Young Global Leader by the World Economic Forum 2007 and recently he was awarded Mediation Lawyer of the Year by the Finance Monthly Global Awards 2014.

Christopher had a big role to play in the world's first energy plus/zero carbon building (ZCB) that showcases state-of-the-art eco-building design and technology to the construction industry, and, at the same time, raises awareness of sustainable living in Hong Kong. The multi-award-winning building goes back to basics, and makes full use of the free, natural elements, including air circulation, wind direction, solar energy, the use of shades, and harvesting rainwater and natural light. The building actively feeds electricity back to the grid and makes use of biodiesel made from waste cooking oil. ZCB is a place where cutting-edge technology is mixed with using bamboo for scaffolding and Christopher's job is to marry old-school skills with the new technology and push the ever-hanging Asian city to new limits. A skill he learnt while studying at Glasgow Caledonian University.

British Computer Society
Award for Best Project Award in Computing Honours Year
BSc (Hons) Computer Games (Design)
Winner: **Heather MacGill**



Chartered Institute of Arbitrators
Award for Top Student in Dispute Resolution
BSc (Hons) Quantity Surveying
Winner: **Alistair Lauder**



The Chartered Institute of Building (CIOB)
Graduate Prize for Top Management Student in Core Modules at Honours Level
BSc (Hons) Construction Management
Winner: **Grant Clayton**



The Chartered Institute of Building (CIOB)
Certificate of Excellence Prize to Top Honours Student (Full-time)
BSc (Hons) Quantity Surveying
Winner: **Siobhan Morrison**



The Chartered Institute of Building (CIOB)
Certificate of Excellence Prize to Top Honours Student (Full-time)
BSc (Hons) Building Surveying
Winner: **Brian Reid**



The Chartered Institute of Building (CIOB)
Certificate of Excellence Prize to Top Honours Student (Full-time)
BSc (Hons) Construction Management
Winner: **Joseph Barnes**



Institution of Civil Engineers
Scottish Geotechnical Group Prize
BSc (Hons) Environmental Civil Engineering
Winner: **Sandra Amadi**



Institution of Civil Engineers
Institution of Civil Engineers Prize
BSc (Hons) Environmental Civil Engineering
Winner: **Claire Robertson**



Institution of Structural Engineers
Award for Top Structural Engineering Student
BSc (Hons) Environmental Civil Engineering
Winner: **Greg Trainor**



Scottish Hydraulics Group
Award for Excellence in a Final Year Project in Hydraulics
BSc (Hons) Environmental Civil Engineering
Winner: **Ali Fareed Al-Arrayed**

The Institution of Engineering & Technology
Best Student Award in an Accredited Programme
BEng (Hons) Electrical Power Engineering (Part-time)
Winner: **Michael McGarrity**



Institution of Engineers & Shipbuilders in Scotland
Best Student Award in BEng(Hons) Computer Aided Mechanical Engineering (Final Year)
Winner: **Jonathan Irwin**



Institution of Engineers & Shipbuilders in Scotland
Best Student Award in BEng(Hons) Mechanical Electronic Systems Engineering (Final Year)
Winner: **Yingchen Liu**



Institution of Engineers & Shipbuilders in Scotland
Best Student Award in BEng (Hons) Electrical Power Engineering
Winner: **Andrew Stevenson**



Institution of Engineers & Shipbuilders in Scotland
Best Student Award in BEng (Hons) Mechanical & Power Plant Systems Engineering
Winner: **David Bell**



The Institution of Mechanical Engineers
Frederic Barnes Waldron Award (Best Engineering Design and Analysis 4 student)
BEng (Hons) Mechanical Electronic Systems Engineering
Winner: **Savio Jude Pereira**



The Institution of Mechanical Engineers
Best Student Award in BEng(Hons) Mechanical-Electronic Systems Engineering (Part-time)
Winner: **Simon Reynolds**



The Institution of Mechanical Engineers
Best Project Award in BEng(Hons) Mechanical Electronic Systems Engineering
Winner: **Allan Murray**



The Institution of Mechanical Engineers
Outstanding Project Award in BEng (Hons) Computer Aided Mechanical Engineering
Winner: **Calum Kelty**



7 Elements
Award for Best Dissertation
BEng (Hons) Digital Security, Forensics and Ethical Hacking
Winner: **Ross Bingham and Christopher Watson**



Adams Consulting Group Ltd
Award for Best Project
BA Occupational Health & Safety Management
Winner: **Donald Angus McIver**



AECOM
Award for Excellence in BSc (Hons) Fire Risk Engineering
Winner: **Douglas Young**



AGM Group
Award for Top Building Surveying Level 3 Project
Winner: **Leanne Miller**



Altus Group Ltd
Prize Best Combined Management Performance
BSc (Hons) Building Surveying
Winner: **Raymond Galloway**



AmeyCespa
Award for Best Dissertation in MSc Waste Management
Winner: **Zephanhiah Mikwa Kivungi**



Argyll and Bute Council
Award for Best Overall Building Control Pathway
BSc (Hons) Building Surveying
Winner: **Mark Hannah**



Axiom
Award for Dissertation Demonstrating Excellence
BSc (Hons) Quantity Surveying
Winner: **Robin Jardine**



Baillie Gifford
Award for Top Computing Student at Level 3
BSc (Hons) Computing (Web Systems Development)
Winner: **Jamie Couperwhite**



Balfour Beatty
Award for Top HND Direct Entry Student to Construction Management Level 3
BSc (Hons) Construction Management
Winner: **Khyara Pieraccini**

