

# UWS18

UWS Annual Review 2017-18

**95.5%**  
OF UWS GRADUATES  
IN WORK/FURTHER  
STUDY 6 MONTHS AFTER  
GRADUATING (DLHE 2016/17)

**3,200**  
INTERNATIONAL (EU AND  
NON-EU) STUDENTS

**TOP 150**  
TIMES HIGHER  
EDUCATION YOUNG  
UNIVERSITY RANKINGS



5 CAMPUSES

6 SCHOOLS

1 UWS

UNIVERSITY OF THE  
WEST of SCOTLAND

UWS



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\*Footnote: at the time of print the 2019 THE World University Rankings, just announced, have seen us climb into the 401-500 category of the Times Higher Education's assessment of the top universities globally.

# ACHIEVING TOGETHER

The 2017-18 session once again marked  
a truly remarkable period for UWS.

I continue to be immensely proud of the progress the University is making in creating the very best learning environments for our students - for example, you will read more about our fabulous new Lanarkshire Campus in this review - and in making a real difference in our communities - not just those that are home to our campuses but those that are further afield.

I am pleased to report that our hard work and efforts are paying off nationally and internationally. In 2017-18, in our second inclusion in the Times Higher Education's Young University Rankings we rose into the top 150 universities under 50 in their global rating and in THE's World University Rankings for this period were placed in the top 600.\*

In the National Student Survey in 2017-18 UWS's overall student satisfaction increased by 2% to 84.9% and we achieved a rating of 85.6% overall satisfaction in the Postgraduate Taught Experience Survey. These results are testament to the commitment of colleagues - from both our academic and professional services areas - to our students and to enhancing their learning experience.

Our research activities over the year saw us embark on an exciting partnership with the International Space School Educational Trust that will bring amazing opportunities for our PhD students and see UWS research experiments carried out in space. In 2018 our first spin-out company was also created and it is set to bring revolutionary change to the ultrasound sensor market worldwide. UWS academics' acclaimed work in health - particularly around dementia and COPD - is gaining increasing recognition, and our research in sustainability is bringing new and improved services and technologies to the marketplace internationally.

This global impact was also seen in our accreditation in 2018 as Scotland's first and only official training provider for China, through approval from SAFEA - China's State Administration for Foreign Expert Affairs.

This has been another fantastic year at UWS and I do hope you enjoy reading more about our amazing work over 2017-18 as we continue to Dream, Believe and Achieve.

**Professor Craig Mahoney**  
PRINCIPAL AND VICE-CHANCELLOR



# UWS 2017-18 IN CONTEXT



UNIVERSITY OF THE  
WEST of SCOTLAND  
**UWS**

**91%**

**of students  
satisfied with  
their experience**

(Student Barometer  
iGraduate & International  
Student Barometer)

**93%**

**OF UWS POSTGRADUATE  
STUDENTS RECOMMEND  
THE UNIVERSITY**

(2017 Postgraduate  
Taught Experience Survey)



**TOP 150**

**THE Young University  
Rankings**

**THE** WORLD  
UNIVERSITY  
RANKINGS  
2018 TOP 600

**THE** WORLD  
UNIVERSITY  
RANKINGS  
2018 TOP 150  
YOUNG

\*The 2019 THE World University Rankings have seen us climb into the 401-500 category of their assessment of the top universities globally

**95.5%**

**OF UWS GRADUATES IN WORK OR  
FURTHER STUDY 6 MONTHS AFTER  
GRADUATING (DLHE 2016/17)**

**19,053**

**TOTAL STUDENTS (HEADCOUNT)**

**3,200**

**INTERNATIONAL STUDENTS  
(EU AND NON-EU)**

**140**

**EUROPEAN PARTNERS**

**1,318**

**STAFF (FTE)**

**NATIONAL  
STUDENT SURVEY  
(NSS) 2018**

**Overall Student Satisfaction 84.9%**

**100%**

Our Aircraft Engineering, Applied Bioscience, Childhood Practice, Civil Engineering and Midwifery courses came top in the UK for overall student satisfaction



# NATIONAL & INTERNATIONAL RECOGNITION

We were proud in 2017-18 to be recognised nationally and internationally across a range of surveys and awards:

01.

September 2017

## TIMES HIGHER EDUCATION WORLD UNIVERSITY RANKINGS

ranked by THE in the top 600 category in their assessment of the world's top universities<sup>1</sup>

02.

September 2017

## GOOD UNIVERSITY GUIDE

recognised in the top 100 universities for the first time and ranked in top 3 in Scotland for teaching excellence<sup>2</sup>



03.

December 2017

## SCOTTISH DIVERSITY AWARDS

UWS named University of the Year



04.

February 2018

## SCOTTISH KNOWLEDGE EXCHANGE AWARDS

shortlisted in the 'Multiparty Collaboration' category for an innovative knowledge exchange project with CELSIS

05.

February 2018

## NORTHERN IRELAND HEALTHCARE AWARD

winner of the Asthma / COPD project of the year award for BREATH (Border and Regions Airways Training Hub) project, a cross-border partnership between UWS, Queen's University Belfast and the Dundalk Institute of Technology, to better understand and alleviate the impact of Chronic Obstructive Pulmonary Disease (COPD)

06.

March 2018

## GUARDIAN UNIVERSITY AWARDS

shortlisting for UWS Principal & Vice Chancellor, Professor Craig Mahoney, in the Inspiring Leader category

## 2018 GUARDIAN UNIVERSITY AWARDS

Professor Craig Mahoney was shortlisted as an Inspiring Leader - the only leader from a Scottish institution in the running for the 2018 award. Leaders were nominated by the Guardian University Awards judging panel and shortlisted by Guardian journalists.

UWS was shortlisted for the Course & Curriculum Design award for our School of Business & Enterprise's innovative use of digital technologies. Through their accelerated and immersive education approach, students can access content on their smartphones and engage and share almost anytime, anywhere and in any place.

theguardian  
UNIVERSITY  
AWARDS

07.

March 2018

## GUARDIAN UNIVERSITY AWARDS

shortlisted in the Course & Curriculum Design category for our use of digital technologies and our innovative pedagogical approach to teaching

08.

March 2018

## WATER INDUSTRY AWARDS

shortlisted in Health and Safety Initiative of the Year for a partnership project with Morrison Construction to develop virtual reality site inductions

09.

April 2018

## TIMES HIGHER EDUCATION LEADERSHIP & MANAGEMENT AWARDS

shortlisted in Knowledge Exchange/Transfer Initiative of the Year for our pioneering work in ultrasound sensors

10.

April 2018

## SAFEA ACCREDITATION

first organisation in Scotland to receive accreditation as an official training partner from China's State Administration for Foreign Expert Affairs

11.

May 2018

## HERALD HIGHER EDUCATION AWARDS

shortlisted in the Innovative Technology category for our immersive education approach

12.

May 2018

## HERALD HIGHER EDUCATION AWARDS

shortlisted in the Widening Access category for our early years initiative, the Wee University

13.

June 2018

## TIMES HIGHER EDUCATION YOUNG UNIVERSITY RANKINGS

officially recognised in THE's top 101-150 universities in the world under 50 (up from the previous 151-200 category)

14.

June 2018

## PIEoneer AWARDS

shortlisted in the Digital Innovation of the Year category for our immersive education

15.

July 2018

## VITAE HR EXCELLENCE IN RESEARCH AWARD

retained following a successful two-year review of our support for research staff in their career development

1. THE World University Rankings 2019, just announced, have seen us climb into the 401-500 category.  
2. Good University Guide 2019 saw us rise to 92nd position in the UK and Scotland's top post-1992 university



100%  
APPLIED BIOSCIENCE

100%  
AIRCRAFT ENGINEERING

100%  
CHILDHOOD PRACTICE

100%  
CIVIL ENGINEERING

100%  
MIDWIFERY

## TOP IN THE UK

FOR OVERALL STUDENT SATISFACTION:  
100% OF RESPONDENTS STUDYING  
THESE COURSES STATE THAT THEY WERE  
OVERALL SATISFIED WITH THEIR COURSE

National student survey  
2018 overall student  
satisfaction 84.9% (2% rise  
on 2017 and above the  
Scottish benchmark of 83%)

97%

of our postgraduate students  
in employment or further study  
within six months of graduation  
(HESA Destinations of Leavers  
from Higher Education 2016/17)

95%

of our undergraduate students  
in employment or further study  
within six months of graduation  
(HESA Destinations of Leavers  
from Higher Education 2016/17,  
full-time first degree)

# STUDENT EXPERIENCE



**Our new Lanarkshire Campus opened in June 2018 to UWS staff and students, to a hugely positive reaction.**

With its technology-rich, innovative learning and social spaces the campus is at the forefront of modern learning environments, significantly enriching the educational journey of our students.

The innovative learning suites provide hi-tech, flexible and collaborative spaces to deliver teaching in an effective and modern way. The campus represents a shift in the way learning and teaching is defined in the higher education sector in Scotland and across the UK.

# OUR NEW LANARKSHIRE CAMPUS



**What we have delivered is game-changing, both in terms of teaching and learning.**



## **Future Proofing**

Consideration of new ideas and new thinking around the world in the delivery of teaching helped create flexible learning spaces, that can change and adapt to the needs of students and staff. By embedding the latest technology, we have tried to future-proof the building for the next generation of students. In doing so, sustainability and the environment have also been important.

One of the UK's greenest education environments

- **Windfarm-generated 100% renewable power**
- **Rainwater harvesting system**



## **Enterprise Potential**

Set on the 38-acre Hamilton International Technology Park in South Lanarkshire, the campus offers students the chance to work closely with more than 80 local, national and international businesses including Scottish Power, Babcock, John Lewis, HSBC and Centrica, offering practical opportunities to gain experience during their University career. Businesses will have the opportunity to collaborate with the University on a range of research, enterprise and commercialisation activities.



# Our widening access strengths

Deputy First Minister & Cabinet Secretary for Education & Skills, John Swinney MSP, visited UWS Paisley Campus in summer 2018 to hear more about the transformational impact the University has had in promoting inclusivity and widening access to higher education in Scotland.

The Deputy First Minister met with UWS Principal and Vice-Chancellor, Professor Craig Mahoney; the University Executive; President of the UWS Students' Association, Emma Shotter; and some of UWS's inspirational students to find out more about the life-changing role UWS plays in supporting its students to succeed.

He heard how UWS' innovative student support services, personalised and flexible education delivery and interactive technology-supported learning is paying real dividends for students.

"The Scottish Government is firmly committed to widening access to higher education, and the focus cannot just be on entrants - it must also be on retention, outcomes and destinations.

**"UWS has shown great commitment in all of these areas and as a result it is supporting many students from disadvantaged backgrounds to fulfil their potential. It is very encouraging to hear how UWS' flexible, personalised approach has helped attract students who might not otherwise have continued their studies."**

**John Swinney, Deputy First Minister**



**"At UWS, there are no barriers in the way of getting the help and advice you need."**  
**Kayleigh McArthur, Tourism Management graduate, UWS**

## DELL PARTNERSHIP RAISES ASPIRATIONS IN I.T.

UWS is one of three education partners participating in an initiative by global technology group Dell to bring more women into Scotland's IT industry. The STEMAspire initiative, launched in October 2017, saw female students from science, technology, engineering and mathematics courses across UWS, Glasgow Caledonian University and City of Glasgow College kick off a year-long

programme to keep more women on track to a career in IT. Mark White, site leader for Dell in Scotland said "The gender imbalance in technology does get a little more equal every year, but as female graduates get some experience of working in our industry a number decide it's not for them. The feedback we receive is all too often based around just how male-dominated the industry feels."

The programme aims to assist women earlier in their studies: 9 students from UWS were paired with their own dedicated mentor to help bridge the gap from higher education into the workforce. Through one-to-one mentoring and a series of on-site events, the aim is to dispel the myth that IT is "just for boys" and highlight the successful role women play within the industry.

# A new approach to learning

AS PART OF THE UNIVERSITY'S ACCELERATED AND IMMERSIVE EDUCATION APPROACH, UWS SCHOOL OF BUSINESS & ENTERPRISE'S PIONEERING WORK IN DELIVERING PERSONALISED, HYPER-FLEXIBLE AND COLLABORATIVE LEARNING EXPERIENCES FOR STUDENTS RECEIVED NATIONAL RECOGNITION IN 2017-18, WITH SHORTLISTINGS IN THE GUARDIAN UNIVERSITY AWARDS, HERALD HIGHER EDUCATION AWARDS AND THE PIEoneer AWARDS.

The key players behind the School's innovative work, academics Dr Matt Frew and Theo Tzanidis, have turned the traditional learning experience on its head. Lectures are recorded with interactive touch technology and then contextualised through virtual reality, which teleports students to events or live business environments where learning can be embedded and brought to life. When hosted on Google's cloud platform and integrated with a host of social media, learning becomes a co-created experience that is visual, vibrant, virtual and viral. Most importantly, students can access all this content through their smartphones giving them a connected and digitally deep educational experience where they can engage and share almost anytime, anywhere and any place.

Bringing learning to our students that accommodates their lives, responsibilities and needs to ensure their success has been the key driver of the project. Students can consume lecture material at their own pace and self-direct their learning experience, as well as return to the materials at any time.

UWS immersive education puts students at the heart of how learning content is consumed, and most importantly, co-created.

The same technology has huge potential benefits for the commercial marketplace and the School is working on a range of projects in tourism, enterprise and events to provide a truly immersive experience for customers.







# UWS Global Engagement

**25** Transnational  
Education partners

**140** European  
partners

**38** Partners  
in China

In January 2018, UWS signed a strategic cooperation memorandum to establish an international partnership with Phoenix Education in China to provide professional training and exchange to prepare the next generation of Chinese media practitioners.



# Scotland's first training partner for China

In the first instance of its kind in Scotland, University of the West of Scotland was named an official training partner for China after receiving accreditation from China's State Administration for Foreign Expert Affairs (SAFEA).

SAFEA certifies foreign experts to work in mainland China and organises overseas training for Chinese professionals. The endorsement means UWS becomes the first organisation in Scotland to be accredited to provide technical and managerial training in China.

The announcement in April 2018 came as Scotland's First Minister visited China as part of an SDI-led trade mission, involving UWS, to further develop Scottish-Chinese business and education links.

"UWS has a strong track-record of positive engagement and cooperation with partners at a national and international level. This accreditation will help to further

strengthen Scotland's academic and cultural links with China, enabling our two countries to continue to share expertise and best practices in a broad number of areas."

**First Minister Nicola Sturgeon**

Accreditation as an Overseas Training and Collaborative Organisation (OTCO) will enable University teams to deliver and share training for Chinese partners in a broad number of areas of UWS academic expertise.

The accreditation followed a lengthy review process which began in 2016, when our first SAFEA-monitored training was delivered as a pilot by the School of Business & Enterprise to Hainan University. The application process also involved in-country training, visits to UWS campuses and meetings with staff and students.

UWS also received recommendation from the Chinese Consulate-General and the Education Department of the Chinese Embassy in London for the OTCO application.



## Student engagement with FC Barcelona

Professor Vish Unnithan, UWS Professor of Paediatric Exercise Physiology, established a Memorandum of Understanding between UWS and footballing giants FC Barcelona in 2017, opening up exciting opportunities for sports students and staff. A group visit in February 2018 allowed students to gain an insight into the club's sports science and coaching philosophy and see behind the scenes. Dr Antonio Gomes, FC Barcelona's first-team sports scientist, outlined the club's training methods, while sports medicine expert Dr Franchek Drobnic showcased FC Barcelona's extensive medical facilities.

Professor Unnithan said: "The students were a credit to themselves and UWS and got a real insight into the workings of one of the biggest clubs in world football. The knowledge that they gained will be hugely beneficial to their future learning and gave them a real understanding of the practices used in professional sporting organisations."

## Environmental Research Recognition

Professor Andrew Hursthouse, Assistant Dean (Research & Enterprise) in the UWS School of Science and Sport, was awarded the Liangcheng Friendship Award of Xiangtan City, Hunan in December 2017. The prestigious award is given every two years to individuals who have made significant contribution to the development of Xiangtan and the wider region.

Andrew is undertaking environmental research with UWS partner Hunan University of Science and Technology (HNUST) to improve the wider environment and protect human and ecosystem health. Andrew is currently a High End Expert Scholar in China supported by the Hunan Regional Government and HNUST, and has been working with colleagues in China since 2014.

# Scotland's universities welcome India

In December 2018 UWS Principal Professor Craig Mahoney was one of a delegation of 21 senior leaders from Scotland's HEIs who accompanied Scotland's Deputy First Minister John Swinney on an official visit to India. The delegation joined the Scottish Government, Scottish Development International and the British Council to meet with key Indian government officials, education policymakers and business leaders to promote the message that 'Scotland's universities welcome India.'

The visit aimed to build on existing relationships between Scotland and India and develop new partnerships in education and industry. A programme of events and presentations in Mumbai and Delhi demonstrated Scotland's excellence in research, innovation and learning. These included a fashion show event in Mumbai, jointly organised by students from Glasgow Kelvin College and their partner

Professor Mahoney met with groups of alumni from UWS and its former institutions during the visit.

institution the Women's Government Polytechnic of Guntur, and using the two countries' textile links as a core theme. The UWS Paisley Pearls digital art project, commissioned as part of the Paisley 2021 City of Culture bid, formed one of the backdrops to the on-stage show.





**Enhancing Health,  
Performance  
& Community Sport**

## UWS AND GLASGOW CONVENTION BUREAU WERE SUCCESSFUL IN THE BID TO HOST THE EUROPEAN COLLEGE OF SPORT SCIENCE CONGRESS IN GLASGOW IN 2021.

This will be the first time the event has been staged in Scotland. The 2021 Congress President, Richard Davison, is Professor of Exercise Physiology at UWS. Richard, whose own research interests lie in cycling science and the effects of exercise on Parkinson's disease, is already planning a full programme for delegates, which he hopes will show off Scotland and Scottish sports science on the world stage and illustrate how Scottish sports science research is filtering through to professional and amateur sportsmen and women.

Over 3,000 delegates are expected at the event, which will be held at Glasgow's Scottish Exhibition Campus (SEC), and will showcase Scotland and Scottish talent under the theme of Enhancing Health, Performance and Community Sport.

## Outward mobility opportunities

Across the University portfolio, students enjoy a range of opportunities for outward exchange and study abroad. From childhood studies students' insight into international early years education through nursery and school visits overseas, to community volunteering projects by social work students to improve water supplies to village schools in Southeast Asia.

Building on the formal links UWS has had in Ljubljana for a number of years, Dr Richard Thacker of the School of Science and Sport presented on pollution control at the International Summer School on Hazardous Substances at the University of Ljubljana, Slovenia in May. Students attending the course came from Albania, Romania, Serbia, Slovenia and Scotland. Erasmus+ agreements between UWS and Ljubljana see 2 students from each university undertake collaborative work and exchange annually.



## COMMONWEALTH GAMES GOLD COAST 2018

UWS students and graduates, many of them supported by UWS in their training and sporting endeavours, played their part in Team Scotland's best-ever performance in an overseas games. Swimmer Craig McNally reached finals of the 50m and 200m backstroke and led Team Scotland's relay. Karen Darke finished an impressive 4th in the para-triathlon. Jonathan Bunyan and Alasdair Fraser were in the Team Scotland basketball team that won all 3 group games. UWS graduates, David Forsyth, Lee Morton and Alan Forsyth, played in the men's hockey team that came 5th. Graduate Kirsty Gilmour won Commonwealth bronze in badminton. And we commiserated with UWS student Callum Hawkins who missed out on what looked like a certain gold in the men's marathon when he was overcome by heat exhaustion near the race end.



## Scotland & Bangladesh education symposium

In July 2018, a symposium at UWS on comparative international perspectives explored the dual experiences of educational policy, reform and development in Bangladesh and Scotland. It gave delegates the unique opportunity to hear the views and experiences of Mohammad Asif-uz-Zaman, Honourable Secretary, Ministry of Primary and Mass Education (Bangladesh) as well as the perspectives of a range of high-profile figures from the Scottish education sector.



## UWS capacity building project in Uganda

Dr Evi Viza, Lecturer in Quality Management, School of Science and Sport was awarded £20k in 2017 from the Royal Academy of Engineering to conduct research into capacity building for women involved in handcrafts in Uganda. With input from researchers from Malawi and Cote d'Ivoire along with UWS colleagues from the School of Science & Sport and School of Business & Enterprise, the research aims to establish a pilot study, working with the women to transform their informal craft-making process into a manufacturing process. This will enable the women to manufacture products cheaper and faster, market them across a wider area and, potentially, start exporting to other countries.





# RESEARCH, ENTERPRISE & ENGAGEMENT



HR EXCELLENCE IN RESEARCH

## HR EXCELLENCE IN RESEARCH AWARD

retained after a successful two-year review period recognising the priority focus on our researchers and the commitment to their career development.

## 100% KTP SUCCESS RATE IN 2017-18

**10 bids approved amounting to £1.931m - a significant rise on previous years**

## In the first project of its kind in Scotland,

**AN EXCITING NEW PARTNERSHIP WITH THE INTERNATIONAL SPACE SCHOOL EDUCATIONAL TRUST (ISSET) WILL SEE UWS RESEARCH PROJECTS BEING TESTED OUT ON THE INTERNATIONAL SPACE STATION.**

The initiative, which opens up collaboration with NASA and American academic institutions, aims to apply research to tackle the challenges we face on Earth and in space.

UWS academics will have the opportunity to exploit their knowledge in areas such as gas sensing technologies to look at optimising plant growth in a space environment; the effects of growth hormone administration on muscle mass and cognitive function; and the changes in material decomposition in space.

The project launch event held at Paisley Campus in January saw Michael Foale - the most experienced British-born astronaut in the history of human spaceflight - meet with UWS staff and students, senior academics from Scottish HEIs and with industry partners to talk about his experience in space and highlight the opportunities offered by the project.

"The partnership will bring many benefits to our academics and their research, and will go a long way in building our knowledge of what's achievable both in space and on Earth. The University is immensely proud to be part of such an important initiative, which puts Scotland firmly on the map for this type of exploratory study" said Professor Ehsan Mesbahi, UWS Vice-Principal (Academic).

3 fully-funded PhD scholarships have also been set up by UWS for students from across the world, providing the chance to be part of a unique experimental research programme in Scotland.

**"Over the next few years, ISSET, UWS and myself will mentor those students, helping them get the most out of this fantastic opportunity to put their experiments into space, furthering Scotland's position within space research."** Michael Foale





## UWS continues to make a positive impact in health, sustainability and society in the UK and beyond...

### SPIN-OUT SUCCESS

With the aim of combating the limitations of current technology and to bring cost-effective benefits to the engineering, energy and health industries, researchers in UWS's Institute of Thin Films, Sensors and Imaging developed a ground-breaking way of mass-manufacturing ultrasound sensors.

In 2018, this led to the launch of UWS's first spin-out company, novosound, to make an impact particularly in industrial inspection, and with important associated benefits for the medical and dental imaging markets.

The UWS team's revolutionary design, incorporating high-resolution imaging and high temperature operation marks the first major changes in ultrasound technology in over 40 years. The team saw the global gap in the market - one with

potentially high benefits as the ultrasound sensor market for industrial inspection alone was worth \$400m in 2017.

The UWS-designed sensors can operate at temperatures above 250°C and have potential to disrupt the \$2.6billion non-destructive testing market by enabling continuous, safe monitoring of petrochemical infrastructure, unlocking a huge commercial opportunity for novosound - forecast at £5m+ by 2022.

The UWS team, 2017's Converge Challenge Award winners, secured funding and business development support to help grow their operation. Their seed investment round raised £1.5m (double its original target) from a range of investors, including lead investor Par Equity, the Edinburgh-based venture capital firm.



In its first 6 weeks of existence, novosound had already received orders from the US and Germany for its sensors - demonstrating the industry need and excitement around the new technology.

**"We invest in high-growth, innovative technology with potential to deliver significant returns to investors. novosound is a great example of this type of venture."**

**Marcus Henderson,**  
Par Equity Investment Manager

### KTP Partnership tackles digital clutter

A 2-year KTP partnership announced in 2018, between UWS and Glasgow-based software development business Modo Systems Ltd, aims to combine collective machine learning and image analysis expertise to develop the next generation of digital content management platforms. The project goal is to alleviate the pain of digital clutter: multiple documents, photos and videos stored in the cloud, attached to email and on phones and tablets!

MODO's cloud-based software finds a user's digital files and attachments, gathers them up and organises them across all platforms and devices, regardless of source. The KTP project is being led by Professor Naeem Ramzan of the UWS School of Engineering & Computing.

"We are excited to receive this Innovate UK award and to have access to such cutting-edge research outputs from UWS. We hope this is just the start of a long and mutually beneficial partnership" said Dr Majid Anwar, Founder & CEO, MODO



### VR induction nominated for award

A collaborative project between UWS and Morrison Construction to develop virtual reality site inductions for the company was shortlisted in the Health and Safety Initiative of the Year category of the Water Industry Awards 2018.

The VR site induction allows users to immerse themselves in a virtual reality environment and become familiar with a construction site and learn about common dangers and the consequences of mistakes.

Mohamed Abdel-Wahab, Senior Lecturer in Construction Engineering at UWS, said: "VR application helps to raise awareness of on-site hazards and ensures compliance with HSE guidelines, thereby reducing the likelihood of incidents."

Morrison Construction Scottish Water Operations Director Stephen Slessor added: "We believe that virtual reality can be a powerful tool to improve safety in the industry to enhance existing induction processes. The development of this cutting-edge learning content system is a good example of the positive impact university-industry collaborations can have to address challenges in construction."

## BRINGING BENEFITS TO AGRICULTURE

The University's partnership work on a new type of imaging system for use in agriculture, with the benefits of significantly reduced costs and increased crop yield, continued its development over session 2017-18. The collaboration with University of Strathclyde, the James Hutton Institute and product design firm Wideblue aims to develop an affordable hyperspectral imaging technology to help agricultural businesses monitor and maximise crop production in fields and greenhouses.

The team's HSI system, which is being manufactured by Wideblue, uses UWS-designed linear variable optical filters to disperse light reflected from plants into specific wavelengths and colours. This spectral image data is then captured and analysed using data processing software, designed by University of Strathclyde, to provide a number of key indicators to farmers on crop conditions.

The technology will allow farmers to monitor various crop attributes including plant health, hydration levels and disease indicators and be able to: optimise the impact of fertilisation; save water by employing more efficient irrigation methods; and, critically, spot diseases and infestations at an earlier stage, allowing them to avoid blights.

The project was initially joint funded with £500k from Innovate UK and BBSRC, the government organisations that work with businesses to support innovation. UWS received an additional £600k in support from Scottish Enterprise to commercialise the linear variable optical filter technology for a wide variety of applications including gas sensing, anti-counterfeiting and hyperspectral imaging.



## EMERGENCY SERVICES PARTNERSHIP

UWS, in partnership with the Scottish Fire & Rescue Service, Police Scotland, Scottish Ambulance Service and Alzheimer Scotland, launched a pioneering training initiative in 2018 to future-proof the emergency services by providing staff with the opportunity to develop awareness of their skills and knowledge and become capable and confident in working with people with dementia in emergency situations.

Henry Simmons, Chief Executive of Alzheimer Scotland, added: "All organisations and communities have an important part to play now to help challenge the scale of dementia, so we are thrilled to work with our partners UWS and the emergency services to help transform the lives of people with dementia, their carers and families."



## Strengthening community for those with dementia

Kinections - strengthening community in care homes - a three-year project, aimed at improving the lives of those with dementia living in care homes in rural and urban communities in East Ayrshire launched in February 2018. The project, delivered thanks to £225,000 funding from the Life Changes Trust, is a collaboration between My Home Life Scotland, UWS and East Ayrshire Health and Social Care Partnership.

The funding will be used to build on the existing work of the care homes and further developing capacity to find out what community means to people with dementia and to strengthening relationships between people living in care homes and the wider community.

My Home Life sets out to support managers to create and sustain a positive relationship-centred culture in their care homes where quality of life of residents, relatives and staff can flourish. UWS, in partnership with Scottish Care, is currently delivering My Home Life to over 100 care homes across Scotland.

## AWARD FOR KNOWLEDGE EXCHANGE PROJECT

UWS received a Special Commendation Award for an innovative knowledge exchange project in the Scottish Knowledge Exchange Awards 2018 which celebrate and reward impacts achieved through collaborative business and academic partnerships.

The University project, AALART - Low-pixel Automatic Target Detection and Recognition undertaken in conjunction with multinational electrical systems group Thales UK and CENSIS (Scotland's Centre of Excellence for Sensor and Imaging Systems) saw the development of unique technology, enabling automatic detection of humans and vehicles from up to 1500m using thermal imaging.

The AALART collaborative project has many possible applications including enhanced eyesight in robots and enabling drones to spot critical defects in buildings. The study is based around the concept of "deep learning" which mimics the way human brains behave to create an artificial intelligence that learns on the job.



## UWS hosts nuclear physics conference

UWS hosted the annual (IOP) Nuclear Physics Conference at Paisley Campus in April 2018, with speakers including leading theoretical nuclear physicist, author and broadcaster Professor Jim Al-Khalili who delivered a public lecture entitled "Who split the atom?" looking back at some of the key moments in nuclear physics in the first decades of the 20th century. The IOP Nuclear Physics Conference acts as a UK showcase and offers the opportunity for PhD students from across the UK to come and present their research.





# OUR ACHIEVEMENTS...

## PIONEERING RESEARCH COLLABORATION

A €7.7m EU-funded INTERREG VA programme, launched in 2017, sees UWS academics working on a pioneering cross-border research project designed to better understand and alleviate the impact of COPD (chronic obstructive pulmonary disease). The project known as BREATH (Border and Regions Airways Training Hub) involves UWS collaboration with researchers from Queen's University Belfast and Dundalk Institute of Technology. Throughout the five-year project, over 30 researchers and doctoral students will work together not only to better understand COPD but to raise awareness of the disease to help encourage preventative measures, timely treatment and disease management. Lead UWS academics involved are Professor John Lockhart, Dr Gary Litherland and Dr Iain McLellan.

In February 2018 the BREATH project won a Northern Ireland Healthcare Award celebrating those whose exceptional expertise and contribution to their profession have transformed the provision of healthcare for the better.



BREATH presented at INTERREG Showcase Event, EU Parliament [November 2017]

WINNER: Asthma/COPD Project of the Year - NI Healthcare Awards [February 2018]

**"By better understanding this often 'invisible' killer disease, we hope to develop new and improved treatments as well as helping prevent COPD through increased public awareness."**

Professor John Lockhart, Director of the UWS Institute of Biomedical and Environmental Health Research



Left to right: presenter Atta Yaqub (actor), Naira Dar (UWS), Clare Ennis (UWS) and presenter Rupa Mooker (director of HR, MacRoberts)

In the inaugural Scottish Diversity Awards in December 2017, UWS was named University of the Year. The awards recognise the dedication and hard work of individuals, organisations and businesses across Scotland in nurturing and promoting diversity, equality, and empowerment.

"The University is committed to equality and diversity and we are delighted to have won such a prestigious award," said Naira Dar Equality and Organisational Development Consultant at UWS.

Irfan Younis, CEO of organisers Creative Oceanic said "Scotland prides itself as a welcoming country that provides space for everyone and aims to treat all people equally. These awards aim to highlight that."

## A new approach Learning, Teaching & Research Conference 2018

UWS's Learning, Teaching & Research Conference held in June was our first to combine research and enterprise explicitly with learning and teaching to reflect institutional and sectoral developments. The engaging keynote speakers were Professor Jonathan Wilson and Dr Susie Mitchell.

Professor Wilson is an award-winning academic and consultant who specialises in the 'ABCDs of Business and Culture: Advertising, Branding, Communications, and Digital.' His dynamic presentation was entitled 'Irrelevant, Irreplaceable, Irresistible? Weatherproofing for Academics and Graduates in an Uncertain Future.'

Dr Mitchell was formerly an R&D manager with the NHS, a public policy practitioner for local and national government, and Accessibility and Inclusion lead for the Glasgow 2014 Commonwealth Games. In 2016 she was recognised by Equate Scotland as a Leading Woman of Scotland for her contributions to STEM and Scotland's advancement. Her thought-provoking conference presentation was 'How do we redeploy our rich research and innovation base to create disruptive solutions to 'wicked' problems?'

Plans are already underway for the 2019 conference, building on the success and feedback from the launch event.





# In 2017-18 our students & graduates achieved great success including:



**Timur Tugalev**

Computer animation graduate Timur won a prestigious video award from National Geographic Traveller (UK) for the second year running for his Lost in Cuba visual travel documentary. Andy Skillen, judge and wildlife photographer, said: "One of the best things about this excellent short video by Timur is that, within seconds of it starting, I was utterly gripped by his use of iconic images and style."



**Kevin Reuther**

PhD student, Kevin won the award for best research presentation for his paper "Identifying Barriers to Entrepreneurship - A Systems Theory Approach" at the 24th ICE/ IEEE International Technology Management Conference in Stuttgart, Germany. The award recognised the best research paper out of approximately 200 contributions from professors, senior researchers and doctoral students.



**Michael Sinclair**

UWS Graduate Apprentice, Michael has been recognised as one of the most promising young engineers attending university in the Glasgow area after he won a Hammermen Award. As well as being in second year of his GA studying towards a BEng (Hons) in Engineering Design and Manufacture, Michael works as a Production Planner at Ferguson Marine Engineering in Port Glasgow.



**Kayleigh Haggo**

Sports coaching and development student, Kayleigh won silver as she represented Great Britain and Northern Ireland in racerunning at the Berlin 2018 WPA European Championships. Kayleigh has become an extremely successful para athlete, winning three golds in the European Paralympic Youth Games and has set 13 world and 4 national age group records in swimming, racerunning and club throw sports.



**TV Gold**

UWS students tasted success at this year's Royal Television Society's Student Awards (Scotland). Zdenek Ruzicka, Amber Saunders, Paul McGranahan and Ryan Smith won Best Short Feature for their documentary 'Poet with Punch', while Samantha Hendrie won Best Animation for her work entitled 'Expedition.'



**MA Creative Media Practice Students**

A film produced and directed by UWS MA Creative Media Practice students won two accolades at the Learning on Screen Awards 2018 in London. The film, 'Writing Home', directed and produced by Nagham Abboud, Alekson Dall Armelina, Miriam Valesco, Mark Coffey and Jannik Ohlendieck, was praised by judges for its slick production, technical expertise and strong performances.



**Audrey Duff**

BA (Hons) Community Education student Audrey spent the summer volunteering in a small, rural disadvantaged community in Thailand. As part of the village regeneration, she helped repair the school building and also worked there to support individuals with their literacy and numeracy skills as a way of empowering them to live a better quality of life.



**Kirsty Gilmour**

UWS graduate Kirsty Gilmour secured her second Commonwealth Games medal at the 2018 Gold Coast Games in April, bringing home a bronze for badminton. The former UWS Creative Industries student became the youngest badminton player to attend a Commonwealth Games for Scotland when she competed at Delhi 2010 having just turned 17. At Glasgow 2014 she became the first Scottish woman to reach a Commonwealth Games Badminton Singles final, winning silver.



# Just some of the notable achievements of UWS colleagues in the 2017-18 session

## Professor Gayle McPherson

Professor Gayle McPherson, Professor of Events and Cultural Policy, was appointed a sub-panel member of the Research Excellence Framework (REF) 2021.

The four UK higher education funding bodies, including the Scottish Funding Council, announced the appointment of members to the main panel and sub-panels for the first stage of the REF 2021 exercise, the criteria-setting phase. This followed a process, which saw over 4,000 nominations made for roles across the four main panels and the 34 sub-panels.

Professor McPherson has been appointed as sub-panel member and an interdisciplinary adviser for Sport and Exercise Sciences, Leisure and Tourism.

Gayle's research interests revolve around the public policy interventions of the local and national state in events and festivity and the social and cultural impact of events and culture on communities. She also has a wealth of expertise in the role of art, sport and culture in creating soft power change through cultural diplomacy.



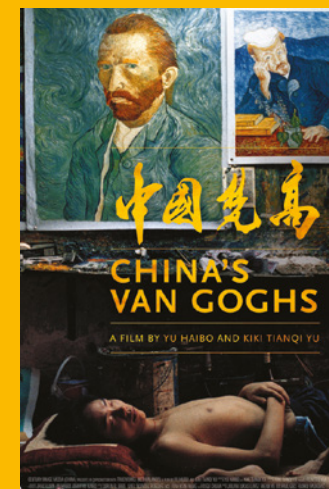
## Dr Paula Cowan and Professor Henry Maitles



A book by Dr Paula Cowan and Professor Henry Maitles of the School of Education won the 2017 Outstanding Publication award at the CiCea (Children's Identity and Citizenship European Association) conference.

'Understanding and Teaching Holocaust Education' offers pragmatic pedagogical and classroom-based guidance for teachers on how to effectively teach Holocaust Education to primary and secondary pupils in a meaningful and age-appropriate way. It is aimed at student teachers; recently qualified primary and secondary teachers interested in teaching the Holocaust; experienced teachers with a specific responsibility for history, citizenship and religious education; as well as museum educators working in this area.

## Kiki Tianqi Yu



A multi-award winning documentary produced by UWS filmmaking lecturer Kiki Tianqi Yu was shown in London at The British Film Institution (BFI) film festival and at the V&A in February 2018.

'China's van Goghs' sheds light on the village of Dafen in Schenzhen, populated by hundreds of painters who replicate western masterpieces to sell across the world. The documentary follows one of the painters Xiaoyong Zhao as he makes a dream trip to Amsterdam to view the work of his idol van Gogh. While viewing the classic artworks he experiences an epiphany and, inspired by van Gogh's life, decides to search for his own voice and create his own original art.

Kiki's film has been shown at 15 film festivals across a number of countries including New Zealand, Japan, Netherlands, South Korea, Finland, the UK and US, to wide acclaim and awards success including Best Feature Documentary at the Beijing International Festival and Best Director at Skip City D-Cinema International Festival Japan.



## Melissa Gunn

Melissa Gunn, lecturer in the School of Business and Enterprise at UWS Dumfries Campus was appointed as a Non-executive Member of the Board of NHS Dumfries and Galloway, selected from over 60 candidates to secure the position. In the role, Melissa will offer guidance, leadership and direction to the organisation's Audit and Risk Committee, Staff Governance Committee and Remuneration Sub-Group. NHS Dumfries and Galloway serves a population of over 148,000 across a geographical area of 2,400 square miles.



## Dr Craig McAngus

A report compiled by UWS researchers was launched in May 2018 as part of the UK in a Changing Europe project. Led by Dr Craig McAngus, lecturer in politics, the UWS team behind the report investigated the approaches adopted by other non-EU coastal states - Iceland, Norway and the Faroe Islands - towards their fishing communities as the UK faces the task of developing its own fisheries policy post-Brexit. Detailed interviews were carried out by the research team with policymakers and industry representatives.

Anand Menon, Director of The UK in a Changing Europe said "By drawing on the experience of a number of non-EU states, this report provides an invaluable guide to how best to approach this task."

Dr Craig McAngus (pictured right) and Dr John Connolly of UWS launched the report at an event at King's College London.



# UWS HONORARY DOCTORATES

In recognition of their work and significant achievements in their respective fields, we awarded Honorary Doctorates at our Summer 2018 graduations to:



**Aileen Neilson**  
Paralympian

Aileen is a three-time Paralympian. She led Team GB to a bronze medal in curling at the Sochi 2014 Paralympic Winter Games, and was also skip at the 2018 Games in Pyeongchang. Primary school teacher Aileen graduated from the former Craigie College (one of the founding institutes of UWS) with a Bachelor of Education Hons in 1993.

Aileen started curling when she was fifteen, however the challenge of declining mobility meant she was unable to continue playing. She

took her school class to a local ice rink in 2004 and tried wheelchair curling and was delighted to be back on the ice. She joined a curling club and through hard work and determination was selected to play for Scotland in 2007 and has been a member of the Scotland/GB Squad ever since.

"I hope through my teaching and curling I've been able to help and inspire others to be the best they can be and wish it, dream it, do it."

**26 June 2018, The Town House, Hamilton**



**Patrick Doyle**  
Composer

Patrick Doyle is a classically trained composer, and alumnus of the RSAMD (now Royal Conservatoire of Scotland). He began his career as an actor and musical director, notably in 1978 playing Hector in the original cast of John Byrne's iconic Scottish play The Slab Boys. He joined Kenneth Branagh's Renaissance Theatre Company in 1987 as his musical director. A career-long friendship and professional association developed during which time Patrick has composed theatre music and subsequently the scores for 12 Branagh films. Patrick has received

numerous accolades including two Academy Award nominations, two César nominations, an Ivor Novello Award and a Scottish BAFTA lifetime achievement award.

"I am extremely fortunate to receive an Honorary Doctorate from such a great seat of learning as UWS. Education is central to Scotland's culture and I am very proud to have been one of the beneficiaries of its world-renowned education tradition. Great teachers inspire. My achievements in life are the fruits of their tireless work."

**29 June 2018, Troon Concert Hall**



**Liz Cameron OBE**  
Business woman

Liz Cameron was awarded an OBE in the Queen's New Year's Honours List 2014 for her outstanding services to business and is recognised as one of the most influential forces in Scotland's business community. With a career spanning more than three decades in the private sector, Liz is widely viewed as a strategic and visionary leader. She is currently Director and Chief Executive of Scottish Chambers of Commerce, the first woman to lead the organisation, and is a sought-after advocate for Scottish business at home and internationally.

Liz also serves as the Chair of WEVOLUTION, a global charity promoting entrepreneurship as a route to improve life chances, and is on the 'Brain Trust' of Tedx Glasgow. Liz was a former member of UWS Court.

"It is a great honour to be recognised by the University, particularly as the institution's international outlook and commitment to innovation and research are firmly aligned with my values in business."

**3 July 2018, Paisley Abbey**



**Dr Alan Goodall**  
Ecologist and conservationist

Dr Goodall is renowned for his scientific research into the behavioural ecology and conservation of rare mountain gorillas in Central Africa. He has close links with UWS as a lecturer in environmental biology at the former Paisley College of Technology (now UWS) from 1974-1990. His research at the Karisoke Research Centre in Rwanda, where he was Director between 1987-1989 (during a sabbatical from the College) and the Kahuzi-Biega National Park in Zaire has been extensively documented, including in his book

The Wandering Gorillas. From 1999-2004 Alan was the first Honorary Consul for Rwanda in the Scottish Parliament - with a remit to help with Rwanda's rebuilding after the war and genocide of 1994. "I am delighted to receive this Honorary Doctorate. UWS has not only grown in size since I was a lecturer over forty years ago, it now also excels in areas which are close to my heart - teaching and research excellence, and student support, all with an international outlook."

**4 July 2018, Paisley Abbey**



**Professor Patricia Peattie OBE**  
First chairwoman of Lothian Hospitals NHS Trust

Professor Peattie, former Assistant Principal of Napier University, was awarded an OBE in 2006 for services to education and to health in Scotland.

She has had a distinguished and successful career in health and academia and is a long-term external member of the UWS Ethics Committee. She is Vice-Chair of the Lay Advisory Group of the Royal College of Surgeons of Edinburgh and was the Chair of the UK and Ireland Academy Lay Advisory Group

in which capacity, in 2014, she was part of the task force looking into the impact of the European Time Directive.

"I am deeply honoured by the UWS award. It has been a great privilege working with many colleagues in the University in support of its development as a major player in the Scottish Higher Education sector, especially in relation to its research and ethics governance."

**5 July 2018, Paisley Abbey**



# Our People



## Professor Steve Olivier

Professor Steve Olivier joined UWS as its new Deputy Principal and Deputy Vice-Chancellor in May 2018. In this role Professor Olivier is the sole deputy to the Principal and Vice-Chancellor and his portfolio encompasses strategic and operational planning, executive-level leadership of the Deans of School, and oversight of the University's academic and professional services portfolios.

Professor Olivier joined UWS from Abertay University, where as Vice-Principal and Deputy Vice-Chancellor (Academic) he led all academic activities, including teaching and learning; research and knowledge exchange; and quality enhancement and assurance. Externally, he sits on several senior committees of

Universities Scotland, as well as on a number of UK national bodies.

Originally from South Africa, Professor Olivier is an active researcher, specialising in the ethics of outdoor and adventure activities. He has published widely in areas including the philosophy of sport, research ethics, sports psychology, physiology, and morphology.

"I am delighted at the opportunity to join such an ambitious and inspiring institution as UWS. I feel a strong personal affinity with the University's social mission, and its principles of changing lives and transforming communities. I look forward to playing a key role in the future success of UWS."



## Professor Dominic Elliott

The new Dean of the University's School of Media, Culture and Society, Professor Dominic Elliott, took up post in July 2018, bringing with him extensive senior leadership experience, most recently as Interim Dean of the University of Liverpool's School of the Arts. He previously held the positions of Interim Director and of Associate Dean (Education) of the University of Liverpool's Management School.

Prior to joining the University of Liverpool in 2002, Professor Elliott was a Senior Lecturer in Strategic Management at the University of Sheffield and from 1991 until 1999, held a number of academic posts at De Montfort University.

Dominic has long-standing research interests in organisational learning from crisis and failure, in contexts as diverse as football stadia disasters, the finance sector and child protection.

## STAFF APPRECIATION & RECOGNITION AWARDS STARS 2018

ANNUALLY WE CELEBRATE OUR COLLEAGUES WHO'VE GONE ABOVE AND BEYOND NORMAL EXPECTATIONS IN THEIR EVERYDAY WORK

### ★ Outstanding Teaching

WINNER ANGELA DUNLOP LECTURER  
SCHOOL OF BUSINESS  
& ENTERPRISE

### ★ Outstanding Research & Enterprise

WINNER BRIAN QUINN READER  
SCHOOL OF SCIENCE  
& SPORT

### ★ Outstanding Service to Students

WINNER ANGELA DUNLOP LECTURER  
SCHOOL OF BUSINESS  
& ENTERPRISE

### ★ Outstanding Service to Colleagues

WINNER LYNETTE DUNNING RESEARCH ASSISTANT  
SCHOOL OF SCIENCE  
& SPORT

### ★ Outstanding Leadership

WINNER LUCY CARROLL SUBJECT LIBRARIAN  
LIBRARY & LEARNING  
RESOURCE CENTRE

### ★ Outstanding Team

WINNER RESIDENCES TEAM COMMERCIAL  
SERVICES



# Court Members 2017-18

University Court members are appointed and elected governors with a variety of interests and experience to ensure the balance of skills, attributes and knowledge to enable Court to function effectively. Staff and student governors are also elected and have equal standing with our lay member appointees.

### LAY MEMBERS

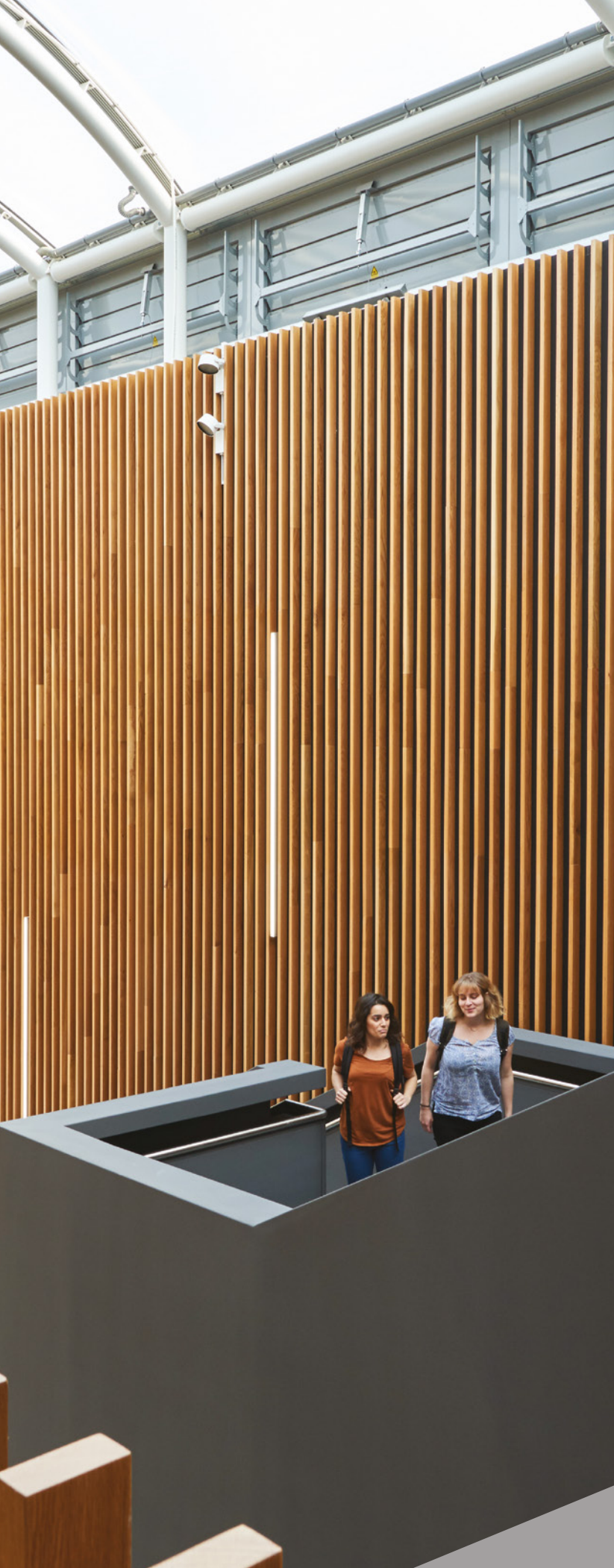
LAURA BARJONAS	Skills Development Scotland
MARGARET CURRAN	SQA
CRAIG DEVLIN	Seric Systems
FRED DINNING	formerly Scottish Power
MARGARET GIBSON OBE	EY Foundation
ANDREW GORDON	formerly Canmore Partnership
DR WAIYIN HATTON Chair of Court	Wai Beyond Consultancy and formerly NHS Ayrshire & Arran
HUGH HENRY	former MSP
PROFESSOR CAROLINE MacDONALD Vice Chair of Court	formerly Teesside University
ANN McKECHIN	Scottish Power
ANDREW MUNRO	Scottish Parliament
THERESE O'DONNELL	Management consultant
KEVIN QUINLAN	Scottish Government
WILLIAM SMITH	Asda

### STUDENT MEMBERS

HEATHER ARMSTRONG <i>(until May 2018)</i>	President of SAUWS
MERLE HILL <i>(from July 2018)</i>	Vice President (Sport & Wellbeing) SAUWS
EMMA SHOTTER <i>(from June 2018)</i>	President of SAUWS

### STAFF MEMBERS

ANNE GIFFORD	Assistant Dean (International), School of Media, Culture & Society
DAVID JOHNSTON	Depute Director, Information Technology and Digital Services
PROFESSOR CRAIG MAHONEY (Ex Officio member of Court)	Principal & Vice-Chancellor
PROFESSOR PAUL MARTIN CBE (Ex Officio member of Court) <i>(until March 2018)</i>	Depute Principal & Depute Vice-Chancellor
PROFESSOR STEVE OLIVIER (Ex Officio member of Court) <i>(from June 2018)</i>	Deputy Principal & Deputy Vice-Chancellor
DR KATH SLOMAN	Reader, School of Science & Sport
DR JAMES M THOMPSON	Assistant Dean (Education) School of Engineering & Computing



## Closing Remarks

**Dr Waiyin Hatton**  
CHAIR OF COURT

As you will have seen, the last year has been once again a truly great one for UWS and as Chair of Court I am proud of our achievements.

UWS’ student retention rates are higher than ever before and continue to increase; we bucked the national trend for UCAS application rates with an increase for 2018 entry; and our positive graduate destination results continue to strengthen.

UWS’ commitment to placing its students at the heart of everything it does and to developing an innovative 21st century approach to higher education delivery is really making its mark. Our London Campus continues to grow and the opening of our fabulous new Lanarkshire Campus marks a real shift in the approach to modern-day learning.

.....

We have an active Students’ Association (SAUWS). We appreciate the constructive feedback and advice provided by their President and Vice-President to the Court in helping us make continuous improvements to the student experience.

We have high-calibre academic and non-academic staff who ‘make it happen’ and raise the profile of UWS with their own aspirations for excellence, and many external awards and recognitions.

Finally, I must acknowledge UWS Principal Professor Craig Mahoney for his vision and drive. Together with his Executive Team, they continue to raise the bar for UWS on national and global platforms.

I really look forward to working with UWS colleagues and to seeing what the next year has to bring for UWS.



# UWS 2017-18 FINANCIAL STATEMENT

## INCOME

£112.3M

## SURPLUS

£1.9M

## CASH IN BANK

£16.2M

## NET ASSETS

£87.4M

The results for the year ended 31 July 2018 are summarised below:

2017/18	£M
Income	112.3
Underlying operating surplus	1.9
Pension Charge	(5.3)
Gain on investments	0.4
Deficit for the year	(2.9)
Cash and cash equivalents	16.3
Net assets	87.4
Cash inflow from operating activities	11.0

UWS IN  
NUMBERS

19,053

STUDENT (HEADCOUNT)

1,318

STAFF (FTE)



Dreaming,  
believing, achieving  
a 21st century University





**At UWS, we believe in our students' future.**

**We have a proud record in delivering work-ready graduates and developing effective partnerships with business, industry and the public and voluntary sectors.**

**With our cutting-edge courses, practical knowledge, and intelligent teaching, we help our students get ahead.**

**Through our innovative learning partnership we invest in people's potential to shape their future. Built on uniting students, professionals, industry and our communities, this partnership stretches from the West of Scotland around the world.**

**We believe in the transformative power of active learning and engagement. We treat our students as individuals, partners and potential leaders in their fields and professions, providing them with the globally relevant knowledge, skills and confidence to think critically and to challenge received wisdom.**

**Campuses in  
Ayr, Dumfries, Lanarkshire,  
London & Paisley**

**[uws.ac.uk](http://uws.ac.uk)**

