Join us for a day focused on 'Improving Teaching and Learning'

Our free, one day conference brings together experts in their field to provide you with tools and techniques to improve teaching and learning within your classroom, in addition to finding out about the latest changes in Higher Education.

Cardiff University
Teachers and Careers Advisers’ Conference
Friday 30 June 2017
8:45am - 3:15pm

www.cardiff.ac.uk/teachers
Join us for a day focused on 'Improving Teaching and Learning'. Our free, one day conference brings together experts in their field to provide you with tools and techniques to improve teaching and learning within your classroom, in addition to finding out the latest changes in Higher Education. The day will also include interactive tours of university facilities.

Mike Hughes, author of *The Magenta Principles*, will provide the opening lecture focusing on tools to re-energise your teaching methods. As a highly acclaimed education trainer, author and teacher, Mike will:

- discuss methods of engaging students
- equip teachers with the tools to think on their feet
- inspire ideas of how to come up with a plan A, B and C for lessons
- offer insight on how to cater for every pupil's ability
- encourage more effective learning which can ultimately better prepare pupils for the challenges ahead within Higher Education.

8:45am - Registration

Keynote Speaker: Mike Hughes, author of *The Magenta Principles*: Encouraging Independent Learners

Break

Matthew Welbourn, UCAS: An update on the admission process

Section A - Workshops

- SACU: The easy way to get students researching their future options
- A Cardiff University guide to writing personal statements and references
- Student Finance changes
- Raising aspirations, fulfilling potential: the support available at Cardiff University

An Insider's Guide to our Multiple Mini Interviews, used as part of the admissions process for Dentistry, Healthcare Sciences and Medicine.

Lunch and School Programme Forum

Section B - Academic School Tours

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Please choose ONE Workshop from section A and ONE Academic School Tour from section B:

Section A - Workshops

**SACU: The easy way to get students researching their future options**

This interactive session will demonstrate how easy it is to get students started on their career/higher education research journey with the use of SACU’s range of free research tools. From using our innovative visual careers quiz, to personalised degree, career and apprenticeship explore tools or playing on our latest A-Level match software, SACU can help you to help your students. SACU offers a great independent & impartial source of careers information to students, parents and teachers by providing free access to a comprehensive range of opportunities in line with Ofsted requirements.

**A Cardiff University Guide to Writing Personal Statements and References**

The personal statement and reference is a vital part of the admissions process and can help determine whether or not an applicant is successful in receiving an offer. As the emphasis on both personal statements and reference writing increases, what can you do to help your students succeed? In this session, we will look at good and bad examples; give you an inside view from the admission tutor’s perspective and expectations; look at what extra-curricular activities, work experience and further reading is expected and best practice, guiding you on innovative ways in which you can support your own students in writing their own personal statements as well as giving you tips for writing a good reference.

**Student Finance Changes**

Our Student Support team provide updates on fees, grants and loans as well as bursaries and scholarships. Our Student Support Team will explain what the implications will be for new students starting a course in 2018/19 from England and Wales. We will also look at changes to NHS funding in 2017/18 and beyond.

**Raising Aspirations, Fulfilling Potential**

This session will outline the support we offer to students from under-represented or vulnerable groups. We run specific programmes of support for the following groups: care leavers; estranged students; young people with autistic spectrum disorders; students who are first in their family to attend university; asylum seekers; young people with caring responsibilities; students from disadvantaged areas. The programmes aim to build confidence, develop key personal development and transferable skills and equip students with the knowledge and understanding to make a strong application.

Section B - Academic School Tours

**School of Chemistry: Research-led Teaching in Chemistry**

The School of Chemistry is a research and teaching facility. On this guided tour you will visit undergraduate laboratories, analytical facilities covering techniques such as NMR, X-ray diffraction and mass spectrometry. We will also look at the experimental heterogeneous catalysis laboratories in which catalysts are tested for applications in environmental and green chemistry synthesis applications. There is also the opportunity to see how electron microscopes are used to investigate the structure of these important materials.

**School of Computer Science and Informatics: Insight into Mobile Devices. What are you throwing away when you upgrade your mobile device?**

Mobile devices are anything but simple! As technology advances, so does the difficulty in accessing them to obtain actionable evidence and intelligence. Today, the verdict increasingly hinges upon mobile device evidence. Critical details from browser history searches, messaging apps and social media posts are some of the most valuable assets investigators have when solving crimes. When used in crime, today’s devices, smarter and more powerful than ever, can yield a treasure trove of evidence for investigators and prosecutors alike. In addition what data are you leaving behind when you upgrade your devices? Can the data be used in identity theft? This session we will demonstrate some of the tools used to extract and present data from various devices.

**School of History, Archaeology and Religion: Conservation of Museum Objects**

Cardiff University specialises in teaching Conservation of Museum Objects. The tour will visit the Conservation Labs where we will look at artefacts including an Egyptian coffin, mummy bandage and a leather altar panel and discuss the role of art and science in the conservation of artefacts. The facilities include analytical equipment such as SEM-EDX, FTIR, XRF, x-ray facilities, all of which are used to characterise and study objects and decay mechanisms. We will visit the facilities where we carry out research into corrosion rates of metals and the efficiency of metal coatings in slowing corrosion and explain how this research is informing practice in the conservation and heritage profession.

**Cardiff Business School: Compete in our Trading Room!**

The Trading Room at Cardiff Business School is the largest of its kind in Wales. The Trading Room facility is designed to give students a real-world simulation of a trading floor, helping to hone their knowledge, skills and trading style. The room provides students with the opportunity to gain the practical skills required for life at the Stock Exchange. The 60 seat Trading Room is integral to providing finance students with practical experience. The facility is used extensively during formal teaching but is also available for independent and group use. During this hour we will guide you through a taster Trading Room session. You will work in pairs of traders and analysts, competing against the other teams to see who can make the best investments in stocks and shares, yielding the largest profit.

**School of Medicine: Clinical Skills Centre Tour**

Take a look inside our School of Medicine, the self-directed learning room and wound care teaching facility. These rooms, which are set up for teaching students key practical skills, are full of modern, specialist equipment. You will visit the Simulation Centre which provides a safe, supported environment to enact out clinical scenarios. Inside the simulation rooms you will see first-hand facilities we use on an integrated Medical course, creating what looks, and feels, like a real clinical setting.
Please complete and return this form to:
Schools and Colleges Liaison Office
Communications and Marketing, Cardiff University,
3rd Floor, Friary House, Greyfriars Road, Cardiff CF10 3AE

Tel: (029) 2087 4455  Email: Schools@cardiff.ac.uk

Name:  ....................................................  Title: ....................................................

Position:  .................................................  School/College/Organisation: ....................................................

Address:  .................................................................................................................................

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Contact Telephone Number:  ..............................................................................................

Mobile/Emergency Contact:  ..............................................................................................

E-mail address:  ........................................................................................................................

Special Access Requirements:  ..............................................................................................

Special Dietary Requirements:  ..............................................................................................

Please note your first and second choice of Workshop and Academic School Tour:
Places for the workshops and tours will be allocated on a first-come-first-served basis.

**Workshop**

1st Choice:  ....................................................  2nd Choice:  ....................................................

**Academic School Tour**

1st Choice:  ....................................................  2nd Choice:  ....................................................

Thank you for your booking. We look forward to seeing you on Friday 30 June 2017.