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Training and developing the workforce in technology enabled care and wellbeing

Technology Enabled Care and Wellbeing @ Home
1st March 2017
Carlisle
Outline

A bit about the University of Cumbria
Education and development for health and social care professionals
Our research: generating and applying new knowledge
The Postgraduate Certificate in Digital Health and Social Care
About the University

A new University – formed in 2007. Amalgamated from a number of colleges and institutes with a longer history.

The only UK university with a campus in a national park (Ambleside). Other campuses in Carlisle, Lancaster, Workington and London.

For and of Cumbria, focused on business and the professions, supporting real world research and applications, delivering education and skills development in partnership with employers.
DID YOU KNOW WE COVER?

- English
- Policing
- Social Science
- TV and Film Production
- Computing and IT
- Graphic Design
- Performing Arts
- Conservation
- Accounting and Finance
- Art, Design and Media
- Psychology
- Radiation Protection
- Environmental Impact
- Law
- Criminology
- Health
- Occupational Therapy
- Project Management
- Children and Families
- Paramedic
- Biology
- Psychology
- Environmental Impact
- Teacher Education
- Forensic Science
- Midwifery
- Nursing
- Sustainability
- Social Care
- Outdoor Leadership
- Business Management
- Zoology
- Forestry
- Physiotherapy
- Leadership

For a no obligation, initial conversation with a business development professional contact

- enterprise.services@cumbria.ac.uk
- 01228 888740 or contact one of our Development Managers for an informal chat

twitter.com/uoenterprise
facebook.com/universityofcumbria
linkedin.com/company/university-of-cumbria

www.cumbria.ac.uk
Facts and figures

Over 10,000 students, approximately 1000 staff

7 departments:
- Business, Law, Policing and Social Science
- Education
- Health, Psychology and Social Studies
- Institute of the Arts
- Medical and Sport Sciences
- Nursing, Health and Professional Practice
- Science, Natural Resources and Outdoor Studies

4 research and innovation centres
- Cumbrian Centre for Health Technologies (CaCHeT)
- Centre for National Parks and Protected Areas (CNPPA)
- Centre for Regional Economic Development (CRED)
- Institute for Sustainability and Leadership (IFLAS)
AGE PROFILE — undergraduate

52% of our undergraduate students are over 21 years of age.

STUDENT NUMBERS

10,563 students study with us, of which 3,505 are part-time.
Health, Psychology and Social Studies

Physiotherapy

Occupational Therapy

Applied Psychology

Social Work

Cognitive Behavioural Therapy (CBT)

Working with Children and Families

Youth and Community Work

www.cumbria.ac.uk
Courses for health and social care professionals

63 staff, 1100 students: Undergraduate courses across all the above disciplines

Postgraduate courses and Continuing Professional Development (CPD): MSc Occupational Therapy, MSc Physiotherapy, MA Social Work (all pre-registration). Masters in Mental Health Practice. Cognitive Behavioural Therapy and a range of Psychology Masters level options. Use of Digital Health and Social Care.

Practice Development Framework – we can link to this to provide flexibility for students and employers.

Placements and engagement – we work with Trusts and organisations throughout the North West and wider afield.

http://www.cumbria.ac.uk/study/academic-departments/health-psychology-and-social-studies/
Our research: generating and applying new knowledge

Research and scholarship activity underpins our core purpose: to advance educational knowledge and practice, through engagement with employers and professionals

Research themes include:

- Interpersonal violence
- Interprofessional practice
- Service delivery for NHS and care organisations and users
- New models of learning
- Learning disabilities
- Rehabilitation
- Health improvement and public health
- Mental health
- Sport and physical activity
- Health technology initiatives
My Day: Values and Consequences App

Just going onto the app stores now!

The aim of this app is to help raise awareness of the relationship between the values and consequences of what we do. It is designed as a questionnaire to help you think about how you spend your time and how you feel about it. You can look at the results of your answers for a particular day, or for a longer time period. There is also a reflection area where you can keep notes about why you gave the answers you did.
The Cumbrian Centre for Health Technologies (CaCHeT)

Applied research and consultancy in technology adoption, innovation and stakeholder engagement

Interested in the barriers to and enablers of mainstream adoption of technology enabled care (digital health, telehealth/telemedicine/telecare, e-health)

www.cumbria.ac.uk/cachet
The Stakeholder Empowered Adoption Model (StEAM)

- Trust and accountability between professional groups
- Impact on professional working practices, and skills
- Quality and accountability
- Impact on patients' perception of the service
- Professional clinical staff
- Healthcare organisation
- New technology
- Patients

A. Marshall. Designing telemedicine apps that health commissioners will adopt. Proceedings of the 14th Conference of Open Innovations Association FRUCT, Finland November 2013, p 63 – 68. Published by IEEE
Interactions and conflicts

Perception of benefits mitigated by disruptiveness

Shared goal?

Economic and transactional

Focus most directly on benefits

Professional clinical staff

Healthcare organisation

New technology

Cast in adversarial role – must challenge status quo

Patients
StEAM technology adoption case studies

- Remote video-linked swallowing assessments for nursing home residents

- Renal telemedicine: video-link specialist nurses to self-managing home dialysis patients

- Patient health records and portal system for managing self care in stable gastroenterology patients

- Video-enabled shared ultrasound consultations between a district general hospital and a tertiary specialist service
Implications for teaching health professionals and managers

Health and social care professionals now need skills in:
• Continually improving their own practice
• Supporting empowered and better informed patients
• Innovation, service improvement and service transformation
• Using digital technology
• Project management
• Influencing and managing stakeholders
• Measuring and monitoring

Managers and directors need to understand
• How to sponsor innovation and support innovators
• Change management
• Using (partial) evidence to make decisions
• Working in partnership to realise benefits in a complex health economy
Postgraduate Certificate in Digital Health and Social Care

Two modules, leading to a PgC, over 12 months part time. Through Practice Development Framework, can contribute to an MSc. CPD, blended learning, aimed at practitioners, managers, commissioners. First cohort, 26 students, started April 2016. Second cohort RECRUITING NOW!

Module 1: Use of Technology in Health and Social Care
• Demystification and overview of what technologies are available
• How they can be used in clinical/social care practice
• How to evaluate the benefits and influence change
• Practical support to plan a new service or project.

Module 2: Work-Based Project
• Support to implement, evaluate and disseminate a digital project within own practice.
Student projects in digital health and social care

Housing Association in Wirral: Deployment of MindMe: Running a pilot and evaluating the impact on staff, clients and the bottom line

NHS Trust in Cumbria: Use of fitbits and other wearables for service users in long term residential care

Adult Social Care services in Merseyside: Developing and deploying a falls prevention app

www.cumbria.ac.uk/digitalhealth

@uocdigihealth
THANK YOU FOR LISTENING.

ANY QUESTIONS?

alison.marshall@cumbria.ac.uk