

Adolygiad Ymchwil 8/19



Allbynnau Ymchwil

# Adolygiad Ymchwil: Allbynnau Ymchwil 2018/19

# Cyflwyniad

Bwriedir i waith ymchwil Prifysgol Glyndŵr gyfrannu at ddatblygiad economaidd, cymdeithasol a diwylliannol. P’un ai yw’n ymchwil lleol neu ryngwladol, ar raddfa fechan neu raddfa fawr, mae’r pwyslais bob amser ar ddatrys problemau a gwneud cyfraniadau i anghenion go iawn.

Mae’r adroddiad hwn yn rhoi syniad o’r ystod eang o waith ymchwil a gweithgareddau cysylltiedig a wneir gan staff y Brifysgol.

Mae’r adroddiad hwn yn darparu manylion ymchwil am waith ymchwil a gwblhawyd gan fyfyrwyr, a grantiau a chontractau ymchwil ffurfiol a oedd yn weithredol yn 2018/19 hefyd.

Os hoffech gael rhagor o wybodaeth am y gwaith ymchwil a wneir ym Mhrifysgol Glyndŵr, edrychwch [Yma](https://www.glyndwr.ac.uk/cy/Ymchwil/Einhymchwil/)neu ffoniwch y swyddfa **Gwasanaethau Ymchwil** ar 01978 293573.

Cewch weld ein storfa ar-lein o gynnyrch ymchwil yn [**Ymchwil Ar-lein Prifysgol Glyndŵr**](https://glyndwr.repository.guildhe.ac.uk/)

Mae’r adnodd hwn yn rhoi mynediad am ddim i allbynnau’r gwaith ymchwil ac ysgoloriaethau gan staff academaidd ac ymchwil y Brifysgol, lle nad yw hynny wedi’i atal gan gyfyngiadau hawlfraint. Mae’r Brifysgol yn annog sefydliadau allanol ac unigolion i ddefnyddio ei chanlyniadau ymchwil ac i gydweithio gyda’i hymdrechion ymchwil.

*Stewart Milne*

*Pennaeth Gwasanaethau Ymchwil*

## Erthyglau Cyfnodolion

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## Allbynnau Ymchwil Arall

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## Dyfarniadau Graddau Ymchwil 2018/19

| **Doethuriaeth/Doethuriaeth Broffesiynol** / **MPhil** **myfyriwr** | **Teitl** |
| --- | --- |
| **Besler, F. (Doethuriaeth)** | Development and analysis of friction crush welding |
| **Edward, A.S. (Doethuriaeth)** | Intertextuality and gender in the work of Alan Moore |
| **Graf-McKee, A. (Doethuriaeth)** | Older adults and domestic abuse in Wales: A qualitative study of frontline victim services |
| **Jones, M. (Doethuriaeth)** | Tacit Knowledge and Materiality within Painting as an immersive experience: a study of a creative dialogue between an artist and People living with Dementia in North Wales |
| **Kornilin, D. (Doethuriaeth)** | Inline CMOS matrix image sensor for investigation of sizes, concentration and shapes of particles in hydraulic liquids |
| **Oram, D. (Doethuriaeth)** | Ethical Considerations in Future Digital Technologies |
| **Thomas, M. (Doethuriaeth)** | Object-based learning in and beyond institutions: a study of audience engagement through the creation of artworks |
| **O'Driscoll, R. (Doethuriaeth Broffesiynol)** | The Change Laboratory: Scaffolding the gap between addiction science and community-based practice |
| **Ross, T. (Doethuriaeth Broffesiynol)** | A Grounded Theory study exploring healthcare consumers’ and nurses’ perceptions of caring |
| **Evans, C. (MPhil)** | An individual differences approach to the ideal relationship |

## Grantiau a Chontractau Ymchwil Gweithredol yn 2018/19

| **Noddwr** | **Cyfanswm gwerth (£)** | **Prosiect** | **Prif Ymchwilydd** |
| --- | --- | --- | --- |
| ADDACTION (Big  Lottery) | £219,298 | Drink Wise, Age Well | Dr Iolo Madoc Jones |
| Barnardo’s | £56,661 | The ASPIRE project | Prof Mandy Robbins |
| BCUHB | £20,000 | Training and Development in Arts in Health | Dr Sue Liggett |
| Cadwyn Clwyd | £24,700 | Managerial Skills for Small Business Start-Ups | Dr Ben Binsardi |
| Empower Be the Change | £16,662 | Evaluation | Dr Nikki Lloyd Jones |
| EPSRC | £74,640 | High Value Manufacturing Catapult Fellowship: Addressing the industrialisation challenges in rapid microwave and radio frequency processing of polymer matric composites | Prof Richard Day |
| EPSRC  Manufacturing Hub | £32,316 | Microwave in line heating to address the challenges of high rate deposition | Prof Richard Day |
| ESRC | £11,979 | Exploring the Recent Trend Shift in Social and  Management Research: Social Media Data and its Sampling Property | Dr Ben Binsardi |
| European Regional Development Fund | £3,782,565 | Centre for Photonics Expertise | Caroline Gray |
| Figure 8  Consultancy | £33,000 | Evaluation of Minimum Pricing of alcohol in Scotland | Dr Iolo Madoc  Jones/Dr Wulf  Livingston |
| Forces in Mind Trust | £21,681 | Leaving the Armed Forces and living in Wales- Dissemination | Dr Nikki Lloyd Jones |
| Mostyn Gallery LTD | £15,000 | Investigation and identification of Mostyn's existing digital content and the design of a methodology for construction of new platforms | Prof Alec Shepley |
| rcbcWales | £10,774 | RCBCWales First into Research Fellowship | Dr Joanne Pike |
| Welsh Government  (via Figure 8  Consultancy) | £50,273 | Minimum Price for Alcohol (Wales) Lot 1 | Dr Wulf  Livingston |
| Welsh Government  (via Figure 8  Consultancy) | £17,200 | Minimum Price for Alcohol (Wales) Lot 3 | Dr Wulf  Livingston |
| Welsh Government  (via Figure 8  Consultancy) | £5,000 | Minimum Price for Alcohol (Wales) Lot 4 | Dr Wulf  Livingston |