

**Adolygiad Ymchwil 17/18**



# Allbynnau Ymchwil

**Adolygiad Ymchwil: Allbynnau Ymchwil**

**2017/18**

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**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 allbynnau ymchwil hyn yn cynnwys papurau a gyhoeddwyd mewn cyfnodolion wedi’u hadolygu gan gyfoedion, cyflwyniadau mewn cynadleddau, llyfrau, adroddiadau, perfformiadau ac arddangosfeydd.

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 2017/18 hefyd.

Os hoffech gael rhagor o wybodaeth am y gwaith ymchwil a wneir ym Mhrifysgol Glyndŵr, edrychwch ar [Yma](https://www.glyndwr.ac.uk/cy/Ymchwil/) 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.collections.crest.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*

# Llyfrau a Phenodau Llyfrau

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# Arddangosfeydd a Pherfformiadau

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# Adroddiadau

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# Gwaith ymchwil a gwblhawyd gan fyfyrwyr 2017/18

| **Doethuriaeth/Doethuriaeth Broffesiynol myfyriwr** | **Teitl** |
| --- | --- |
| **Carey, H (Doethuriaeth)**  | The Impact of ‘Doing’ for People with Motor Neurone Disease: A Case Study Approach  |
| **Carter, J (Doethuriaeth)** | Close at hand but miles apart? Exploring the relationship between the Digital Universe and the Spiritual Health and Well-Being of Christian Youth  |
| **Fairs, L (Doethuriaeth)** | An Analysis of Officiating Style within Rugby Union  |
| **Kreider, M (Doethuriaeth)** | On Time, in Style: Nanosecond Accuracy in Network Control Systems  |
| **Monir, S (Doethuriaeth)** | High Throughput Process for Atmospheric Pressure Inline Production of Thin Film Photovoltaics  |
| **Muir, F (Doethuriaeth)** | A narrative enquiry into health visiting practice  |
| **Richards, P (Doethuriaeth)** | Developing Decision-Making Skills in Elite Sport Teams  |
| **Ubrurhe, O (Doethuriaeth)** | Energy Optimisation for Mac Protocol in Wireless Body Area Network. Energy Effectiveness in MAC protocol for Wireless Body Area Network  |
| **Evans, S. (Doethuriaeth Broffesiynol)** | Living with Tuberculosis in North Wales in the 20th Century: Voices from the Sanatorium  |
| **Hardy, N. (Doethuriaeth Broffesiynol)** | Doing time: A qualitative study exploring the time use of adults at-risk of reoffending in England and Wales  |
| **O'Sullivan, A. (Doethuriaeth Broffesiynol)** | 'Forging their Way': An exploration of the socialisation process undergone by trainee teachers during their initial teacher education programme in Wales  |

# Grantiau a chontractau ymchwil gweithredol yn 2017/18

| **Noddwr**  | **Cyfanswm gwerth (£)**  | **Prosiect**  | **Prif Ymchwilydd**  |
| --- | --- | --- | --- |
| ADDACTION (Cronfa Loteri Fawr)  | 219,298  | Yfed doeth, Heneiddio’n dda  | Yr Athro Iolo Madoc Jones  |
| Barnardo’s  | 56,661  | Prosiect ASPIRE  | Yr Athro Mandy Robbins  |
| Bwrdd Cynllunio Ardal Gogledd Cymru (trwy Figure 8 Consultancy)  | 7,500  | Adolygiad Camddefnyddio Sylweddau Mynediad Agored Haen 2  | Dr Wulf Livingston  |
| Bwrdd Iechyd Prifysgol Betsi Cadwaladr  | 20,000  | Training and Development in Arts in Health  | Dr Sue Liggett  |
| Change Step (CAIS)  | 7,500  | Gwerthuso Change Step  | Dr Nikki Lloyd Jones  |
| Cyngor Bwrdeistref Sirol Wrecsam  | 14,500  | Gwerthuso cyflawni’r Rhaglen Cyfamod gan Lywodraeth Leol  | 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  | Yr Athro Richard Day  |
| EPSRC (Prifysgol Sheffield)  | 50,000  | High Value Manufacturing Catapult Fellowship: Research into microwave processing of materials to deliver a scientific understanding and methods for large scale manufacture of composite materials  | Yr Athro Richard Day  |
| Forces in Mind Trust  | 210,859  | Leaving the Armed Forces and Living in Wales  | Dr Nikki Lloyd Jones  |
| Forces in Mind Trust  | 21,681  | Leaving the Armed Forces and living in Wales - Dissemination  | Dr Nikki Lloyd Jones  |
| Gwasanaeth Iechyd Gwladol yr Alban (trwy Figure 8 Consultancy)  | 33,000  | Gwerthuso pris isafswm alcohol yn yr Alban  | Dr Wulf Livingston  |
| Llywodraeth Cymru  | 20,516  | Adolygiad o effaith Strategaeth Gwaith Ieuenctid Cymru 2014-2018  | Jess Achilleos  |
| Llywodraeth Cymru  | 69,799  | Gwerthusiad o wasanaethau digartrefedd i oedolion sy’n gadael yr ystad ddiogel  | Yr Athro Iolo Madoc Jones  |
| Llywodraeth Cymru (trwy Figure 8 Consultancy)  | 12,000  | Adolygu’r Strategaeth Camddefnyddio Sylweddau  | Dr Wulf Livingston  |
| Llywodraeth Cymru (trwy Figure 8 Consultancy)  | 1,500  | Cefnogaeth Ddadansoddiadol i Iechyd Cyhoeddus ynghylch Pris Isafswm Uned ar gyfer Alcohol (Cymru)  | Dr Wulf Livingston  |
| Mostyn Gallery LTD  | 12,500  | Investigation and identification of Mostyn's existing digital content and the design of a methodology for construction of new platforms  | Yr Athro Alec Shepley  |
| NRN-LCEE (Sêr Cymru)  | 7,700  | Proposal Writing Fellowship (Sally Burr)  | Dr Ian Ratcliffe  |
| Partneriaeth Alcohol a Chyffuriau Argyll a Bute (trwy Figure 8 Consultancy)  | 2,500  | Understanding the active ingredients of sustained recovery in rural and remote settings  | Dr Wulf Livingston  |
| USW / RCBC Wales  | 54,555  | RCBC Fellowship  | Helen Carey  |
| Y Gymdeithas Genedlaethol i Blant Byddar  | 2,480  | Gwerthusiad y prosiect Gearing Up  | Hayley Douglas  |