



Ollscoil Chathair Bhaile Átha Cliath  
Dublin City University

Faculty O'Hare Scholarship Scheme  
**Dublin City University**  
Scholars 2010 - 2015



## DCU FACULTY O'HARE SCHOLARS



### Daniel O'Hare PhD Scholarship Scheme

The Daniel O'Hare Research Scholarship Scheme was established in 2010 by the then Director of Graduate Research, Prof Gary Murphy, in honour of the contribution of DCU's founding president, Dr Daniel O'Hare.

The scheme offers one PhD scholarship per DCU faculty, with successful candidates receiving the award of an annual stipend in addition to the payment of DCU fees for a four-year period. One of the aims of the scholarship is to fund research aligned with DCU's priority themes which have included innovation, sustainability, social cohesion and internationalisation.

Details of scholarships awarded over the five-year period 2010 to 2015 are listed on the following pages.



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## FACULTY O'HARE SCHOLARS | 2015

| Scholar                  | School and Faculty  | Supervisor      |
|--------------------------|---|-----------------|
| <b>Julie Brueckner</b>   | DCU Business School   | Dr Janine Bosak |
| <b>Eva Vanmassenhove</b> | School of Computing, Faculty of Engineering & Computing             | Prof Andy Way   |
| <b>Mariat Imaeva</b>     | School of Law & Government, Faculty of Humanities & Social Sciences | Dr James Gallen |
| <b>Decano Arun</b>       | School of Biotechnology, Faculty of Science & Health                | Dr Tim Dowling  |



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## FACULTY O'HARE SCHOLARS | 2014

| Scholar                 | School and Faculty  | Project title   | Supervisor         |
|-------------------------|---|---|--------------------|
| <b>Samantha Dومان</b>   | School of Chemical Sciences<br>Faculty of Science & Health  | Development of femto level tantalum telluride quantum dots electrochemical immunosensor for lipoarabinomannan (LAM) TB Biomarker (FEMTOLAM) | Prof Robert Foster |
| <b>Mohd Tahir Ganie</b> | School of Law and Government and Institute for International Conflict Resolution and Reconstruction,<br>Faculty of Humanities & Social Sciences | Changing dynamics of Kashmiri Nationalist Movement and its effects on the Kashmir Conflict  | Prof John Doyle    |
| <b>Sohini Basu</b>      | School of Electronic Engineering,<br>Faculty of Engineering and Computing   | Hybrid Optical Networks for Enabling Future Data Centre and High Performance Computing Platforms  | Prof Liam Barry    |
| <b>Colette Real</b>     | DCU Business School   | Organisational trust and leadership in the digital information society – a taxonomic analysis   | Dr Finian Buckley  |



## FACULTY O'HARE SCHOLARS | 2013

| Scholar              | School and Faculty  | Project title   | Supervisor             |
|----------------------|---|---|------------------------|
| <b>Kara Moran</b>    | School of Biotechnology,<br>Faculty of Science & Health                 | The development of highly specific and sensitive antibodies that target, detect and measure aflatoxins in food, human samples, <i>in-vitro</i> and <i>in-vivo</i> | Prof Richard O'Kennedy |
| <b>Fiona Dermody</b> | School of Education Studies,<br>Faculty of Humanities & Social Sciences | A tutorial system for public speaking based on social signal processing   | Dr Margaret Farren     |
| <b>Brendan Hayes</b> | School of Electronic Engineering,<br>Faculty of Engineering & Computing | Nonlinear analysis of digitally controlled power electronic converters  | Dr Marissa Condon      |
| <b>Grace Kenny</b>   | DCU Business School   | An examination of the impact of Irish citizens' privacy and trust related concerns on the adoption of newly implemented EHRs                                      | Dr Regina Connolly     |
| <b>Raymond Moran</b> | School of Biotechnology,<br>Faculty of Science & Health                 | A role for "sharing" in the evolution of novel disease susceptibility phenotypes in mammals   | Dr Mary O'Connell      |



## FACULTY O'HARE SCHOLARS | 2012

| Scholar                 | School and Faculty  | Project title   | Supervisor         |
|-------------------------|---|---|--------------------|
| <b>Tom Darcy</b>        | School of Mechanical & Manufacturing Engineering,<br>Faculty of Engineering and Computing | Study, optimisation and design of a novel vertical axis wind turbine concept with dynamically configurable blades           | Dr Yann Delauré    |
| <b>Peter Deeney</b>     | DCU Business School   | An investigation of sentiment and speculation as drivers of emissions allowances process in the EU Emissions Trading Scheme | Dr Margaret Farren |
| <b>Patrick Cadwell</b>  | SALIS,<br>Faculty of Humanities & Social Sciences   | Improving the machine translation of user-generated content created in crisis situations                                    | Dr Sharon O'Brien  |
| <b>Cezary Poplawski</b> | School of Chemical Sciences,<br>Faculty of Science & Health                               | Investigating the role of oxidative DNA damage biomarkers in the initiation and propagation of mutagenesis and disease      | Dr Blanáid White   |



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## FACULTY O'HARE SCHOLARS | 2011

| Scholar                       | School and Faculty  | Project title  | Supervisor                            |
|-------------------------------|---|--|---------------------------------------|
| <b>Ciarán Ó Catháin</b>       | School of Health & Human Performance,<br>Faculty of Science & Health        | Compliant Running: a means and technology to reducing running related injuries | Dr Kieran Moran                       |
| <b>Irina Tal</b>              | School of Electronic Engineering,<br>Faculty of Engineering & Computing     | Eco-Cycling: energy-aware electric bicycle-based public transportation system  | Dr Gabriel-Miro Muntean               |
| <b>Brenda McNally</b>         | School of Communication Studies,<br>Faculty of Humanities & Social Sciences | Climate resilience and civic participation                                     | Dr Pdraig Murphy<br>Prof Pat Brereton |
| <b>Anushree Priyadarshini</b> | DCU Business School   | Open innovation - its processes and determinants                               | Dr Yuhui Gao<br>Prof Colm O'Gorman    |



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## FACULTY O'HARE SCHOLARS | 2010

| Scholar                   | School and Faculty   | Project title  | Supervisor                                      |
|---------------------------|--|--|---|
| <b>Alan Harrison</b>      | School of Biotechnology,<br>Faculty of Science & Health                  | Compliant Running: a means and technology to reducing running related injuries | Dr Anne Parle-McDermott<br>Dr Christine Loscher |
| <b>Dung Trinh-Xuan</b>    | School of Electronic Engineering,<br>Faculty of Engineering & Computing  | Energy consumption of base stations (BTS)                                      | Dr Conor Brennan                                |
| <b>Darren McStravick</b>  | School of Law and Government,<br>Faculty of Humanities & Social Sciences | Restorative justice within the criminal justice system                         | Dr Yvonne Daly<br>Dr Michael Doherty            |
| <b>Lisa van der Werff</b> | DCU Business School  | Self-regulation of trust   | Prof Finian Buckley                             |



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