

---

# Michael A. Wride PhD, MEd (Hons), MA (j.o.), BSc (Hons), FHEA (UK), Curriculum vitae

Email: [info@learningwithcreativity.com](mailto:info@learningwithcreativity.com)

Twitter: @WrideMike; LinkedIn: <https://www.linkedin.com/in/michael-wride-65b87245/>

---

## APPOINTMENTS

---

2021-Present	<b>UNIVERSITY OF LIMERICK, Limerick, Ireland</b> Transformative Pedagogies Lead, Centre for Transformative Learning (CTL)
2016-2021	<b>UNIVERSITY OF DUBLIN TRINITY COLLEGE, Dublin, Ireland</b> Academic Developer, Centre for Academic Practice and eLearning (CAPSL)
2016-2020	<b>UNIVERSITY OF DUBLIN TRINITY COLLEGE, Dublin, Ireland</b> Adjunct Associate Professor, Zoology Department, School of Natural Sciences
2007-2016	<b>UNIVERSITY OF DUBLIN TRINITY COLLEGE, Dublin, Ireland</b> Assistant Professor, Zoology Department
2003-2007	<b>CARDIFF UNIVERSITY, Cardiff, Wales, UK</b> Lecturer, Cardiff School of Optometry and Vision Sciences Visual Neuroscience and Molecular Biology Research Group
2002	<b>CARDIFF UNIVERSITY, Cardiff, Wales, UK</b> Senior Research Associate, Cardiff School of Biosciences I worked with Prof Martin Evans (Nobel Prize in Physiology or Medicine 2007)
1999-2001	<b>UNIVERSITY OF CALGARY, Calgary, Alberta, Canada</b> Post-Doctoral Research Fellow Department of Biochemistry and Molecular Biology
1998	<b>UNIVERSITY OF CALGARY, Calgary, Alberta, Canada</b> Sessional Lecturer Department of Biological Sciences
1996-1998	<b>UNIVERSITY OF ALBERTA, Edmonton, Alberta, Canada</b> Post-Doctoral Research Fellow Department of Physiology


## EDUCATION/PROFESSIONAL QUALIFICATIONS

---

2011-2014	<b>TRINITY COLLEGE DUBLIN, Dublin, Ireland</b> <b>M.Ed. (Hons)</b> in University Teaching and Learning Thesis title: 'Re-Creating' Science: Creativity in Science Education
2008	<b>Higher Education Academy/AdvanceHE: Awarded Fellowship</b>
2005-2007	<b>CARDIFF UNIVERSITY, Cardiff, Wales, UK</b> <b>Postgraduate Certificate in University Teaching &amp; Learning (PCUTL)</b>
1991-1996	<b>UNIVERSITY OF ALBERTA, Edmonton, Alberta, Canada</b> <b>Ph.D.</b> in Physiology (with Merit) Thesis title: TNF alpha in avian embryogenesis
1987-1990	<b>SOUTHAMPTON UNIVERSITY, Southampton, England, UK</b> <b>B.Sc. (Hons)</b> Physiology and Biochemistry with Nutrition, 2i

## PRIVATE CONSULTANCY WORK/GUEST LECTURING

---

2016-Present:	<b>Michael A. Wride, Trading as: Learning with Creativity – Educational Services:</b> CRO Reg No. 562981 <a href="http://www.learningwithcreativity.com">http://www.learningwithcreativity.com</a>
2022:	<b>Graduate Education Programme in Generic and Transferable Research Skills, ATU:</b> Associate Visiting Lecturer, Research Methods & Personal Skills for Researchers. 
2022:	<b>Tangent, TCD:</b> PGCert Innovation and Entrepreneurship (PIER) programme: curriculum design consultation.
2022:	<b>Tangent, TCD,</b> Guest Speaker, Reflection: Helical Programme
2021	<b>Holistic Science Journal, Escola Schumacher Brazil, Guest Lecturer:</b> Journeys of Transformation in Science, Education & Life: Heeding 'The Call' <a href="https://holisticsciencejournal.co.uk/images/GLS.pdf">https://holisticsciencejournal.co.uk/images/GLS.pdf</a>
2021:	<b>Sligo Institute of Technology/Ulster-Connacht Alliance:</b> Revision of Research Methods and Personal Development for Researchers Manuals. In collaboration with Prof Anne Jordan, Waterford Institute of Technology.

- 2019:** **Letterkenny Institute of Technology:** one day workshop as part of the Masters in Teaching & learning: Developing Creativity in Educational Practice.
- 2018:** **Innovation Academy, TCD:** Developed online module in Theories of Design and Innovation.
- 2016-2017:** **Established the 'Re-Creating Science', Dublin MeetUp Group.** Discussions about creativity in science, philosophy of science and science and society, science education etc.
- 2016-2017** **Guest Lecturer: University College of Teacher Education-Pädagogische Hochschule Vorarlberg, Feldkirch, Austria.** Creative thinking in Education, Transdisciplinarity, Design thinking and Complexity.
- 2014-2017** **Guest Lecturer: Schumacher College, Totnes, Devon, U.K. MSc Holistic Science**  
Chaos & Complexity module: Developmental Biology, cell communication, creativity in science; MSc Dissertation supervision.

## INTERNATIONAL ACADEMIC DEVELOPMENT

---

- 2016-2020** **Academic Staff Development, Thapar Institute of Engineering & Technology (TIET), Patiala, India.** 18 visits (10-12 days each) between March 2016 and February 2020. Ongoing support for remote/online learning March-December 2020.  
<https://www.tcd.ie/academicpractice/collaborative-partnerships-projects/thapar-university/>

## INVITED LECTURES/WORKSHOPS (last 5 years)

---

- May 2022** **Contemplative Pedagogy Workshop Series (Winchester University, UK):**  
Contemplating the Spaces in Between: Transforming Meaning from Experience through Writing.
- March 2022** **Contemplative Practices for Higher Education Conference, Mount Saint Mary's University in Maryland, US:** Invited contributor to online roundtable conversation on "Think Globally -- Act Locally: Sustaining Contemplative Pedagogy Across Institutions, Regions and Continents."
- Oct 2021** **Holistic Science Legacy Conference, Dartington Hall, Totnes, Devon, UK**  
Coherence, Freedom and Transformation: Brian Goodwin's Science of Qualities
- May 2021** **Exploring Contemplative Pedagogy in Higher Education: the role of Transformative Learning.** Mindfulness and Society International Conference, Spain (online)
- Mar 2021** **Contemplative Pedagogy Network, UK, Webinar series**  
Contemplating the spaces in between: transforming meaning from experience through writing: <https://contemplativepedagogynetwork.com/2021/04/12/contemplating-the-spaces-in-between-transforming-meaning-from-experience-through-writing/>
- Dec 2020** **Promoting Social Presence in PBL. FacilitatePBL:** Webinar series
- July 2019** **KEYNOTE SPEAKER: SEA Homeschoolers Online symposium, USA**  
Self- and Peer-Assessment for Enhancing Student Learning
- May 2019** **Promoting 21st century learning: The use of technology to enhance problem-design, collaboration, feedback and assessment in PBL. MIC, Limerick.**  
Workshop on Transdisciplinary thinking for wicked problems.
- June 2018** **KEYNOTE SPEAKER: Interdisciplinary Practice Education Study Day, St James's Hospital, Dublin.**  
Exploring Quality Feedback in Practice Education
- Nov 2017** **STAFF AND EDUCATIONAL DEVELOPMENT ASSOCIATION (SEDA) 22ND ANNUAL SEDA CONFERENCE, St David's Hotel, Cardiff, Wales, UK.**  
Developing Teaching Excellence: Supporting and Developing the Work of Groups and Teams: Developing the effectiveness of teams through trans-disciplinary approaches to addressing 'wicked problems'.
- 2017** **INNOVATION ACADEMY, TCD, Creativity and Innovation in Research**

## TEACHING

---

### Teaching Philosophy Statement:

*"Education is a wonderful thing, but it is well to remember from time to time that nothing that is worth knowing can be taught". Oscar Wilde in The Critic as Artist*

I believe that students should be empowered to learn through exciting, creative, and inspirational teaching – a transformative approach that is constructive and informative as well enjoyable and which leads to motivated

and self-regulating students. It is my belief that teaching should not be about the mere giving of 'dry' lecture material in a monotone! My overall philosophy is one of attempting to teach in a *transformative* (critical and creative) way rather than in a purely *transmissive* (students as empty vessels to be filled with knowledge) way, such that the subject material is extended, connected and integrated in co-operation with the students. Thus, I promote a student-centred, constructivist approach to learning, rather than a teacher-centred approach. Although planning and structure are essential, overall, my teaching philosophy is ecological; i.e. connective, iterative, integrative and organismic, rather than linear, reductionist and mechanical. Thus, I am attempting to provide a move away from 'traditional' didactic modes of teaching in order to engage the students with the material in different ways as much as I can; e.g. by using think-pair-share and small group collaborative and creative exploration and problem solving. In the time available in a lecture or workshop, it is virtually impossible to deal adequately with the wide variety of topics to be taught at the depth required. So, I often provide material using a flipped classroom approach through the production of video podcasts, which can be viewed by the students/participants ahead of time. This frees up the classroom for more interactive and social constructivist approaches to learning.

I believe that diverse and complementary teaching modalities should be employed, so that students who have different learning styles are catered for. It is my belief that ultimately the goal of an effective teacher is to inspire the students to learn for themselves, such that key points provided in the teaching can be given a wider context in pointing the students in the direction of outside exercises, involving use of Virtual Learning Environments (VLEs) for example for group discussions and student blogs online and in providing links to relevant web sites, videos and articles. I also value the importance of providing students with meaningful feedback and encouraging them to act on it by linking it to their future learning, particularly the importance of translating theory into practice in their context.

Practically, I employ a relaxed and approachable style and try to make my classes full of interest by integrating active learning approaches and by engaging the students in group work and use of open questioning. I provide the students with frequent break outs during the lecture in order to maintain student enthusiasm and attention – this means a slight reduction in lecture material content, but, in this sense, "less is more". I also incorporate break-out sessions into smaller groups in order to have discussions, debates and/or question and answer sessions. Furthermore, in my opinion, learning is not just about the acquisition of knowledge; it is also about how to apply that knowledge with wisdom. The encouraging of dialogue is also a major aim of mine since dialogue encapsulates active listening and openness and provides space for creative expression and emergence of new ideas from complex interactions between my students. The sharing of ideas through peer learning enhances learning significantly. I am a facilitator of learning. I am responsive to the interests of my students and spontaneous in encouraging them to pursue in the classroom particularly lines of inquiry that are important to them. I encourage student group work, promoting co-operation between students and peer assisted learning. I am also conscious of maintaining constructive alignment between teaching and assessment. In the long-run, I hope that this will lead to enthusiastic students wanting to take more of modules in which I teach and becoming interested in my research areas. Indeed, integration of research into teaching as a major goal of my approaches to teaching.

To summarise, my overall challenge as a teacher is to identify the things that motivate and inspire my students in order that they reach their full potential in their ability to engage with the subject areas I teach.

#### **Feedback from participants in my modules/workshops:**

*"Thank you so much for the fascinating workshop today. I learned a lot from it and am now confident that I'll be able to produce a good teaching philosophy statement, thanks to the great coaching and materials received."*

*"I just wanted to let you know that I really enjoyed completing the CAPSL courses. They were one of the highlights of my short time at Trinity. I feel that my understanding of pedagogy in higher education has greatly improved and my confidence as a teacher has truly grown. I will take all the lessons learnt through the courses into my next role. My next goal is to become a HEA fellow! It's very encouraging to know that there are people out there that are passionate about improving the teaching craft. Thank you for all your hard work and enthusiasm during the course and your support throughout the year. It is truly appreciated"*

*"Thank you very much for the excellent workshop on Tuesday morning. I found it enlightening and extremely helpful. And thank you for these wonderful resource."*

*"Thank you too for all the support and encouragement with the SPC. I don't think that I would have made it without your student-centered approach."*

*"Many thanks for the opportunity to undertake this course. It was fantastic. Special thanks to Mike Wride who was a great teacher."*

*"I would like to thank Dr. Mike Wride for the various modules he delivered. I found the course and his delivery incredibly inspiring! I cannot recommend the programme highly enough and am grateful for the opportunity to participate on the programme."*

#### **UL 2021-present:**

- **Director:** Graduate Diploma/MA in Teaching, Learning & Scholarship
- **Teaching:** Contemporary Learning Theory, Reflective Practice and Peer Observation in Higher Education Modules 1 & 2

#### **Leadership Roles:**

- Lead on UL's learning and teaching strategic developments in the area of Transformative Pedagogies and engaged learning/pedagogies.
- Lead on the design, delivery and review of CPD in TL& S at UL and beyond (through Directorship of the Grad Cert/Dip/MA, Regional and Local Teaching Excellence Awards, and Peer Observation Network)
- Lead on professional development framework (PDF) integration into institutional progression, recognition, promotion processes in collaboration with Head of CTL, UL HR and Provost & Deputy President (PDP).

#### **'Stand-alone' workshops facilitated**

##### **2021-22 Teaching Staff CPD**

- Introduction to Teaching in HE (I & II)
- Strategies for enabling a shared understanding of assessment
- Communities of Practice for Academic Staff Development in HE Teaching & Learning
- Transforming Learning and Transformative Pedagogies: A conversation starter
- Peer to Peer Feedback and Assessment for Enhancing Student Learning
- Strategies to give effective and efficient feedback to students
- Developing your Teaching Philosophy Statement

##### **2021-22 LevUL Up: Student Digital Skills Development Programme**

- Digital literacy & wellbeing
- Netiquette & communicating online
- Social presence
- Working together online

#### **Faculty Curriculum Design Consultation**

##### **2021-22**

- **School of Allied Health** – Feedback for Practice tutors (advised on development of bespoke programme)
- **School of Education** - MA in Guidance Counselling & Lifespan Development (advised on revision of programme to promote student engagement and its assessment)
- **Irish World Academy of Dance & Music** – facilitated student focus groups for Programme/Module feedback (MA in Classical String Performance; Arts and Health Module)

#### **Seminars/Webinars & Workshops Organised**

##### **2021-22**

- Researchers' Week: Research in Teaching and Learning: transforming teaching practice and the student experience.

#### **TCD 2016-21:**

##### **Academic Practice – Special Purpose Certificate in academic Practice (SPCert):**

- Curriculum Design in Higher Education Teaching (**module leader**)
- Assessment and Feedback in Higher Education Teaching (**module leader**)
- Perspectives in Higher Education Teaching (**module leader**)
- Developing Creativity in Higher Education Teaching (**module leader**)
- Reflection & Evaluation in Higher Education Teaching (**module leader**)

#### **'Stand-Alone' Workshops facilitated**

- Self-assessment
- Peer-assessment
- Assessment of creativity in teaching and learning

- Assessment literacy
- Developing your Teaching Philosophy Statement
- Feedback
- Graduate teaching assistants: Assessment and feedback
- Transdisciplinary Design & Innovation for Trinity elective Development (with Research theme leaders)

#### 2016-2019: Visiting Singapore Technical University radiography students:

- Professional development and leadership in diagnostic radiography: Perspectives on teaching & learning, active learning and group work, creativity, reflection, CPD through coaching mentoring and supervision.

#### Academic Development Pamphlets and Video Resources

1. **Wride, M.A.** (2019) [Developing your Teaching philosophy Statement, Video Podcast](#)
2. **Wride, M.A.** (2017) Academic practice and eLearning (CAPSL) resources. Assessment: [Guide to Peer-Assessment](#).
3. **Wride, M.A.** (2017) Academic practice and eLearning (CAPSL) resources. Assessment: [Guide to Self-Assessment](#).

#### Trinity Education Project (TEP) Resource Documents

1. **Wride, M.A.** (2017) TEP Resources ToolKit: Self Assessment.
2. **Wride, M.A.** (2017) TEP Resources ToolKit: Peer Assessment.
3. **Wride, M.A.** (2017) TEP Resources ToolKit: Assessment of Creativity.

#### Academic Development: Consulting

- **TCD careers Service:** helped develop a blended module for PhD students “Careers and Employability Module” – involved advising on and helping to develop learning outcomes, curriculum design, including design of rubrics and assessment criteria.
- **TCD Library:** helping to revise an online module on research integrity, ethics and open access publication. Working with Learnovate to develop curriculum and re-design the module in terms of online pedagogical approaches.

#### Undergraduate Course Development and Management

**2008-2014: Functional Biology: The Comparative Physiology of Organisms:** Developed and managed (as Course Director) an entire new Moderatorship (degree) in collaboration with colleagues across Botany and Zoology disciplines within The School of Natural Sciences and The School of Genetics and Microbiology.

#### *Undergraduate teaching*

**Plant Science:** 3<sup>rd</sup> year tutorials: 2 x 2hrs: Problem solving and creativity in science (including creative presentations – plays, movies, artwork etc by science students).

#### *Masters Teaching*

MSc Environmental Science and Biodiversity and Conservation Desk Study supervision

#### **PROJECT FUNDING**

---

2020	<b>National Forum Network &amp; Discipline Fund, Co-applicant (with FaciliatePBL steering committee)</b> , Exploring Student and Staff Learning experiences of Problem Based Learning in Digital Spaces . <b>€7,800</b>
2015-2017	<b>Trinity Teaching Innovation Award €15,000</b> Enriching Undergraduate Pedagogical Practices through Transdisciplinary Design and Collaborative Enquiry (with Drs Jake Byrne & Penny Humby),
2012-2015	<b>The Government of Libya, Cultural Commission, London, UK. €44,000</b> MicroRNAs as biomarkers in human age-related macular degeneration
2010-2013	<b>The Government of Saudi Arabia, Cultural Commission, London, UK. €44,000</b> The role of inhibitors of apoptosis (IAPs) during chick retinal ganglion cell (RGC) development.
2010	<b>The Wellcome Trust Summer Vacation Scholarship. €1,800</b> Spatio-temporal analysis of Glial fibrillary acidic protein (GFAP)-green fluorescent protein (GFP) during zebrafish enteric nervous system development.

2009	<b>The Wellcome Trust Summer Vacation Scholarship. €1,600</b> Gene Expression Analysis following exposure of Stem Cells to Ultrasound in a Standing Wave Trap.
2008-2009	<b>Ireland-Newfoundland partnership scheme. Protease activated receptors in the eye.</b> Academic bursary for travel to Newfoundland to aid in setting up a research collaboration with Dr John McGuire, Memorial University, Newfoundland during Summer 2009. <b>€2,000</b>
2008-2009	<b>The Research Committee of Trinity College Dublin.</b> Start-up Fund for New Lecturers. <b>€8,250.</b>
2007-2010	<b>National Eye Research Centre (NERC) PhD Studentship (with Dr James Morgan and Dr Julie Albon).</b> The role of caspases and inhibitors of cell death (IAPs) in retinal ganglion cell (RGC) death and dendritic remodelling. <b>£49,918</b>
2007-2009	<b>BBSRC Research Grant (with Dr James Morgan, Prof Wolfgang Drexler and Dr Marcela Votruba):</b> <i>In vitro</i> detection of neuronal programmed cell death by ultrahigh resolution optic coherence tomography <b>£244,000</b>
2007-2008	<b>The Royal Society. “Change of direction” Project Grant application for “seed corn” funding for new projects with promise.</b> The role of inhibitors of apoptosis (IAPs) during chick retinal ganglion cell (RGC) development. <b>£14,998</b>
2006-2009	<b>Medical Research Council, Research Grant (with Dr Marcela Votruba and Prof. Mike Boulton):</b> OPA3: a novel gene and mechanisms in cataractogenesis. <b>£200,005</b>
2006-2007	<b>COLIPA A.I.S.B.L.</b> (also known as, the European Cosmetic Toiletry & Perfumery Association) <b>(with Prof. Mike Boulton, Dr Julie Albon and Dr Fiona Mansergh):</b> The development of gene expression fingerprints to identify toxic damage to the cornea. <b>£51,373</b>
2006	<b>The Wellcome Trust Summer Vacation Scholarship.</b> Spatio-temporal expression analysis of the apoptosis regulator Mdm2 in lens development. <b>£1,360</b>
2006-2012	<b>BBSRC Quota Doctoral Training Account for School of Optometry and Vision Sciences</b> to provide three 4-year PhD studentships: salary for PhD student plus EU/UK student fees: one starting 2006, one 2007 and one 2008. with Dr A. Quantock Prof M. Boulton, Prof. K Meek, Prof. T Wess, Dr J Erichsen, Dr J. Guggenheim and Dr C Knupp. <b>£156, 000</b>
2005-2008	<b>National Eye Research Centre (NERC), PhD Studentship (with Dr Julie Albon and Prof, Mike Boulton):</b> Identification of candidate genes critical to epithelial cell patterning and differentiation during corneal development, <b>£49,848</b>
2004	<b>*The Royal Society, Conference Grant</b> for attending International Congress of Eye Research (ICER) Sydney, Australia and Lens satellite meeting, A Focus on the Lens: Integrating Structure, Function, Differentiation and Cataract Rotorua, New Zealand, <b>£1,380</b>
2004-2007	<b>BBSRC, PhD Studentship (with Prof. Mike Boulton):</b> Transcriptional profiling and functional analysis of cell cycle regulators during lens differentiation: salary for PhD student plus EU/UK student fees, <b>£40,000</b>
2003-2005	<b>National Eye Research Centre (NERC), Research Grant (with Prof Sir Martin Evans):</b> Examination of the expression and function of regulators of apoptosis in lens differentiation, <b>£30,826</b>
2003-2004	<b>The Royal Society, UK, Research Grant:</b> Apoptosis genes in the lens, <b>£9,910</b>

## **SUPERVISION (Career)**

---

### **POSTDOCTORAL**

2017:	<b>Penny Humby:</b> Transdisciplinary design and innovation
2007:	<b>Debbie Tudor:</b> <i>In vitro</i> detection of neuronal programmed cell death by ultrahigh resolution optic coherence tomography
2007:	<b>Kate Powell:</b> OPA3: a novel gene and mechanisms in lens development and cataractogenesis
2006:	<b>Ruby Grewal:</b> OPA3: a novel gene and mechanisms in lens development and cataractogenesis
2006-2007:	<b>Malyka Galay-Burgos:</b> The development of gene expression fingerprints to identify toxic damage to the cornea

### **POSTGRADUATE (PhD unless stated otherwise)**

2021-22	<b>Darren Shannon:</b> Addressing Knowledge Heterogeneity in Postgraduate Business Students ( <b>MA</b> in Teaching, Learning & Scholarship)
2015-16:	<b>Joern Rau:</b> The Hero’s journey of the embryo, <b>MSc</b> Dissertation (Schumacher College)

<b>2010-2015</b>	<b>Aisha Alrofaidi:</b> Apoptosis signalling during retinal ganglion cell (RGC) development.
<b>2010-2014</b>	<b>Hanan El Shelmani:</b> MicroRNAs as biomarkers in human age-related macular degeneration
<b>2009-2011</b>	<b>Reshma Doodnath: (MSc):</b> The role of <i>homeobox</i> genes in the development of the zebrafish enteric nervous system: implications for the molecular genetic basis of Hirschsprung's disease.
<b>2007-2010:</b>	<b>Lilian Kisiswa:</b> The role of caspases and inhibitors of cell death (IAPs) in retinal ganglion cell (RGC) death and dendritic remodelling.
<b>2005-2010:</b>	<b>Magdalene Nowak:</b> Identification of candidate genes critical to epithelial patterning and differentiation during corneal development.
<b>2004-2009:</b>	<b>Melissa Trego:</b> Crystallins and oxidative stress in the retina.
<b>2004-2009:</b>	<b>Llinos Williams:</b> TNF ligand and Receptor expression in the developing lens: regulation of the cell cycle and apoptosis.
<b>2004-2008:</b>	<b>Miguel Jarrin:</b> The role of Survivin in lens development.
<b>2003-2007:</b>	<b>Jenny Geattrell:</b> Examination of the expression and function of regulators of apoptosis in lens differentiation.

**Peer reviewer for education journals:**

Journal of Transformative Learning, Innovations in Education and Teaching International; The All Ireland Journal of Teaching and Learning in Higher Education (AISHE-J).

**Peer reviewer for science journals:**

Acta Ophthalmologica; Anatomy and Embryology; Aging Cell; Apoptosis; Biologia; Biotechnology Progress; BMC developmental Biology; Cell & Tissue Research; Comparative Biochemistry and Physiology; Development; Differentiation; European Journal of Neuroscience; Experimental Cell Research; Experimental Eye Research; FEBS Letters; Graefe's Archive for Clinical and Experimental Ophthalmology; International Journal of Developmental Biology; Investigative Ophthalmology & Visual Science; International Research Journal of Agricultural Science (*IRJAS*); Journal of Cataract and Refractive Surgery; Journal of Cellular and Molecular Medicine; Molecular Vision; Ophthalmic Research; Ophthalmology; Photochemistry and Photobiology.

**Peer reviewer of grant applications:**

**2013:** Fight for Sight (UK)  
**2012:** NC3Rs Pilot Studies Programme (UK)

**External examiner of PhD theses:**

**2013:** **Hanruo Liu** Investigating the putative therapeutic effects of sulforaphane in the human lens. University of East Anglia, Norwich, UK.

**Internal examiner of M.Sc. theses:**

**2012:** Heather Rochford Biological effects of pollutants in the Irish Marine Environment.

**Conference/Symposium Organisation**

**2012:** **International Congress of Eye Research, Berlin Germany** – co-organiser of session on Lens Differentiation (with Dr Ruth Ashery-Padan, Tel-Aviv University, Israel)

**STAFF DEVELOPMENT AND CAREER DEVELOPMENT**

**Future Learn Courses**

2022 Leadership Training: Human Leadership  
 2022 Coaching in Education: Addressing the Need for Deep Communication

**UL**

2021 Risk Register Training  
 2021 Chairing and Facilitating Effective Meetings  
 2021 Communications  
 2021 Managing Difficult Conversations  
 2021 Dignity & Respect  
 2021 GDPR  
 2021 Unconscious Bias  
 2021 Equality, Diversity & Inclusion  
 2021 Course Director Training  
 2021 Employee Wellbeing Covid

2021 Covid Worker Rep Training

**TCD**

2018 Writing for the Web  
2018 Practical writing for success  
2015 Leadership through - Influencing, Coaching & Development  
2012 Problem solving  
2012 Managing personal change  
2011 Presentation Skills in an Academic Environment  
2011 Teaching and Assessment Strategies to Promote Critical Thinking  
2010 Alternative Assessment Strategies (Summative) (CAPSL)  
2010 Choice of Assessment Methods Within a Module (CAPSL)  
2010 Small Group Teaching (CAPSL)  
2009 Threshold Concepts in Teaching and Learning (CAPSL)  
2008 Writing a reflective teaching portfolio (CAPSL)  
2008 PhD Supervision  
2008 Threshold Concepts for Curriculum Design  
2008 Good Practice Approaches for Supervisory Teams  
2008 Supporting Research Students with Writing

**CONTRIBUTIONS TO THE NATIONAL AND INTERNATIONAL COMMUNITY**

---

**International**  
**2022-present**

**Contemplative Pedagogy Network, UK**, Acting chair of steering group.

**National**

**2022:**

**Educational Developers in Ireland Network – EDIN**, Committee member.

**2021:**

**National Forum for the Enhancement of Teaching & Learning Student Success**  
Advisory Group

**2017-Present**

**Facilitate: The Irish Enquiry/ Problem Based Learning Network**, Member of Steering  
Committee <https://pblfacilitate.wordpress.com/steering-committee/>

**Institutional**

**UL:**

**2021-present:**

HR Support for Researchers HRS4R Working Group

**2021-present:**

Curriculum Development Framework Working Group

**2021-present:**

Academic Model Advisory Group

**2021-present:**

AHSS Research Ethics Committee

**TCD:**

**College**

**2013-2016:**

College Tutor

**2012:**

Student evaluation of postgraduate courses working group.

**2011-2012:**

Institutional Review Steering Group.

**2010:**

School Reviews working group.

**2009-2012:**

College Quality Committee Faculty of Engineering, Mathematics and Science  
Representative.

**Faculty**

**2014:**

Trinity Week, Light events committee (organising Light symposium)

**2010-2014:**

Science Course Management Committee, Zoology and Functional Biology  
Representative

**2008-2012:**

Centre for Microscopy and Analysis users' committee, Zoology Representative.

**School**

**2010-2016:**

School of Natural Sciences Undergraduate Teaching and Learning Committee,  
Functional Biology representative

**2008-2016:**

School Academic Liaison Officer (Disability Service)

**Discipline**

**2008-2016**

Zoology Department Curriculum Development Committee (CDC)

**2008-2010:**

Chair Functional Biology new moderatorship option development working group

**2008-2010:**

Zoology Seminar series convenor



**Cardiff University:****2006-2007:**

Chair of PCUTL staff participant panel and participant representative on the PCUTL Board of Studies

**2006-2007:**

Universities and Colleges Union (UCU) Optometry and Vision Sciences School representative and member of Cardiff University UCU Executive Committee. Negotiating sickness absence policies and capability procedures. Cardiff University crèche (negotiation with management on behalf of staff/parents re: reform of financial procedures, contract and anonymous feedback system).

**PUBLIC UNDERSTANDING OF SCIENCE/OUTREACH**

---

**2016-2018** I ran the 'Re-Creating Science', Dublin MeetUp Group. monthly discussions about philosophy of science and science and society, science education etc.**2008** **The Light of Life: Can you Believe your Eyes?** 'Lightwave' at the TCD Science Gallery.**2004** **The Great Stem Cell Debate:** An introduction to Stem Cells, Techniquet, Cardiff, UK.**VOLUNTEERING**

---

**2019-present** Soccer coach: Cabinteely, FC, Cabinteely, Dublin**2010-present** Athletics coach: Glenageary Killiney National School, Killiney, Dublin**2011-2017** Soccer coach: Dalkey UTD, Dalkey, Dublin**2009-2011** Holy Trinity Church Sunday Club facilitator**REFEREES:**

<p><b>Dr Mary Fitzpatrick</b> Head of the Centre for Transformative Learning (CTL) University of Limerick Limerick V94 T9PXI</p> <p>Tel: +353-61-234351 Email: mary.fitzpatrick@ul.ie</p>	<p><b>Dr Ciara O'Farrell</b> Former Head of Academic Practice 3-4 Foster Place Trinity College Dublin Dublin 2</p> <p>Tel: 01 896 3930 Email: ciaraofarrell123@tcd.ie</p>	<p><b>Prof Aidan Seery</b> Assistant Professor School of Education Arts Building Trinity College Dublin 2</p> <p>Tel: 01 896 2433 Email: seerya@tcd.ie</p>
---	---	--

## LIST OF PUBLICATIONS

(from Google scholar, Sept 2022)*	All	Since 2017
<a href="#">Citations</a>	2195	705
<a href="#">h-index</a>	25	11
<a href="#">i10-index</a>	34	13

\*<https://scholar.google.com/citations?user=mKZLsTAAAAAJ&hl=en&authuser=1>

### Peer reviewed articles and Book Chapters – Published/In Press

56. Dahm, R., Byrne, J. R., Rogers, D., & Wride, M. A. (2021). How research institutions can foster innovation. *BioEssays*, 43, e2100107. <https://doi.org/10.1002/bies.202100107> .
55. ElShelmani, H., Wride, M. A., Saad, T., Rani, S., Kelly, D. J., & Keegan, D. (2021). [The role of deregulated microRNAs in age-related macular degeneration pathology](#). *Translational Vision Science & Technology*, 10(2), 12-12.
54. West, R.P., Wride, M.A. (2020) [Examining large student cohorts - a question of questions](#), *Civil Engineering Research in Ireland (CERI20)*, Cork, pp406 – 411.
53. ElShelmani, H., **Wride, M. A.**, Saad, T., Rani, S., Kelly, D. J., & Keegan, D. (2020). Identification of Novel Serum MicroRNAs in Age-Related Macular Degeneration. *Translational Vision Science & Technology*, 9(4), 28-28. <https://tvst.arvojournals.org/article.aspx?articleid=2764059>
52. Mac Giolla Phadraig, C., Griffiths, C., McCallion, P., McCarron, M., **Wride, M. A.**, & Nunn, J. H. (2020). How dentists learn behaviour support skills for adults with intellectual developmental disorders: A qualitative analysis. *European journal of dental education : official journal of the Association for Dental Education in Europe*, 24(3), 535–541. <https://doi.org/10.1111/eje.12534> (**Journal article, peer reviewed**)
51. Dahm, R., Byrne, J, **Wride, M.A.** (2019) Interdisciplinary communication needs to become a core scientific skill. *BioEssays*, 41, 20190010. <https://doi.org/10.1002/bies.201900101> (**Journal article, peer reviewed**)
50. Ghuman, K., **Wride, M.A.**, Franses, P. (2019) Practical Spirituality: The Art and Science of Conscious Living. In: *Practical Spirituality and Human Development - Creative Experiments for Alternative Futures*. Ananta Kumar Giri (Ed) Springer, London, U.K. pp 39-58. [https://link.springer.com/chapter/10.1007%2F978-981-13-3687-4\\_4](https://link.springer.com/chapter/10.1007%2F978-981-13-3687-4_4) (**Book chapter, peer reviewed**)
49. **Wride, M.A.** (2017) The Human being as the most exact scientific instrument: reclaiming the embodied role of the senses through Goethean science. In: *Role of the Body in Creative Processes & Practices*. Guest Editor: Lisa Clughen; Executive Editor: Jenny Willis. *Creative Academic* 8: 50-52. [http://www.creativeacademic.uk/uploads/1/3/5/4/13542890/cam\\_8\\_june17\\_final.pdf](http://www.creativeacademic.uk/uploads/1/3/5/4/13542890/cam_8_june17_final.pdf) (**Journal article, peer reviewed**)
48. **Wride, M.A.** (2017) Transdisciplinary teaching and learning. In: *Innovative Teaching Strategies and Methods Promoting Lifelong Learning in Higher Education: From Theory to Practice*. Vidergor, H. and Sela, H. (Eds) Nova Science Publishers, Inc., N.Y., U.S.A. pp 19-36. <https://novapublishers.com/shop/innovative-teaching-strategies-and-methods-promoting-lifelong-learning-in-higher-education-from-theory-to-practice/> (**Book chapter, peer reviewed**)
47. Lambert, N. G., ElShelmani, H., Singh, M. K., Mansergh, F. C., **Wride, M. A.**, Padilla, M., Keegan, D., Hogg, R. E., & Ambati, B. K. (2016). Risk factors and biomarkers of age-related macular degeneration. *Progress in retinal and eye research*, 54, 64–102. <https://doi.org/10.1016> (**Journal article, peer reviewed**)
46. **Wride, M.A.** & Franses, P. (2016) [The matter of meaning: an unfolding](#). *Holistic Science Journal* 3(1): 63-67. (**Journal article, peer reviewed**)
45. **Wride, M.A.** & Franses, P. (2015) Creative Development of Meaning in Matter: Reflections on a Silent Pilgrimage. *Lifewide Magazine Issue 15 (Our Creative Life)*, p48-50 [https://www.lifewideeducation.uk/uploads/1/3/5/4/13542890/lifewide\\_magazine\\_15.pdf](https://www.lifewideeducation.uk/uploads/1/3/5/4/13542890/lifewide_magazine_15.pdf) (**Journal article, peer reviewed**)
44. **Wride, M.A.** (2015) Science play time. *Creative Academic Magazine* 2b: 19-21. [https://www.creativeacademic.uk/uploads/1/3/5/4/13542890/cam\\_2b.pdf](https://www.creativeacademic.uk/uploads/1/3/5/4/13542890/cam_2b.pdf) (**Journal article, peer reviewed**)
43. Franses, P., **Wride, M.A.** (2015) Goethean pedagogy A case in innovative science education and implications for work based learning. *Higher Education, Skills and Work-Based Learning*, 5: 339 – 351. (**Journal article, peer reviewed**)
- 42.. **Wride, M.A.** (2015) “I found that I've been free all along”: knowledge, meaning, creativity and holistic

- science at Schumacher College. *Holistic Science Journal* 2(4): 53-57. **(Journal article, peer reviewed)**
41. **Wride, M.A.** (2014) 'Re-Creating' Science: Creativity in Science Education. MEd in Higher Education Teaching & Learning Dissertation. Trinity College Dublin.  
<http://www.tara.tcd.ie/bitstream/handle/2262/73793/Wride%20MEd%20DissertationRevisedFeb2015.pdf?sequence=1&isAllowed=y>
  40. Jarrin M., Boulton M.E., Gunhaga L., and **Wride M.A.** (2012) Survivin expression is associated with lens epithelial cell proliferation and fibre cell differentiation. *Molecular Vision* 18: 2758-2769. **(Journal article, peer reviewed)**
  39. Doodnath R., Wride M.A., Puri P. (2012). The spatio-temporal patterning of Hoxa9 and Hoxa13 in the developing zebrafish enteric nervous system. *Pediatr Surg Int.* 28: 115-121. **(Journal article, peer reviewed)**
  38. Powell K.A., Davies J.R., Taylor E., **Wride M.A.**, Votruba M. (2011) Mitochondrial localization and ocular expression of mutant Opa3 in a mouse model of 3-methylglutaconicaciduria type III. *Invest Ophthalmol Vis Sci.* 52: 4369-4380. **(Journal article, peer reviewed)**
  37. **Wride M.A.**, Wormstone I.M. (2011) The Ocular Lens: A Classic Model for Development, Physiology and Disease. *Philosophical Transactions of the Royal Society B.* 366:1190-1192. **(Journal article, peer reviewed)**
  36. **Wride M.A.** (2011) Lens fibre cell differentiation and organelle loss: many paths lead to clarity. *Phil Trans Roy Soc B.* 366:1219-1233. **(Journal article, peer reviewed)**
  35. Bazou D, Kearney R, Mansergh F, Bourdon C, Farrar J, **Wride M** (2011) Gene expression analysis of mouse embryonic stem cells following levitation in an ultrasound standing wave trap. *Ultrasound in medicine & biology*, 37: 321-330. **(Journal article, peer reviewed)**
  34. Doodnath R, Dervan A, **Wride MA**, Puri P (2010) Zebrafish: an exciting model for investigating the spatio-temporal pattern of enteric nervous system development, *Pediatr Surg Int.* 26:1217-21. **(Journal article, peer reviewed)**
  33. Kisiswa L., Albon J., Morgan J.E., **Wride M.A.** (2010) Cellular inhibitor of apoptosis (cIAP1) is down-regulated during retinal ganglion cell (RGC) maturation. *Exp Eye Res* 91: 739-747. **(Journal article, peer reviewed)**
  32. Kisiswa L., Dervan A.G., Albon J., Morgan J.E., **Wride M.A.** (2010) Retinal Ganglion Cell Death Postponed: Giving Apoptosis a Break? *Ophthalmic Research.* 43: 61-78. **(Journal article, peer reviewed)**
  31. Goodall N., Prashar A., Faulkner S., Halfter W., Kisiswa L., Tokarczuk P., Erichsen J.T., Guggenheim J., Singh K., **Wride M.A.** (2009) 3-Dimensional Modeling of Chick Embryo Eye Development and Growth Using High Resolution Magnetic Resonance Imaging. *Exp Eye Res* 89(4): 511-521. **(Journal article, peer reviewed)**
  30. Geattrell J.C., Gan P-M., Mansergh F.C., Kisiswa L., Jarrin, M., Williams L., Evans M.J., Boulton M.E., **Wride M.A.** (2009) Apoptosis gene profiling reveals spatio-temporal regulated expression of the p53/Mdm2 pathway during lens development. *Exp Eye Res* 88(6): 1137-1151. **(Journal article, peer reviewed)**
  29. Mansergh F.C., Daly C.S., Hurley A.L, **Wride M.A.**, Hunter S.M. and Evans M.J. (2009) Gene expression profiles during early differentiation of mouse embryonic stem cells. *BMC Dev Biol.* 9(1):5. **(Journal article, peer reviewed)**
  28. Boulton M.E., Rozanowska M., **Wride M.A.** (2009) Biophysics and Age Changes of the Crystalline Lens. In: Albert and Jakobiec's Principles and Practice of Ophthalmology, 3rd Edition. Lens Section Edited by Azar D.T. and Rosenln E. Elsevier, Saunders, ISBN 141600016X / 9781416000167. **(Book chapter, peer reviewed)**
  27. Mansergh F.C., Hunter S.M., Geattrell J.C., Jarrin M., Powell K.A., Evans M.J., **Wride M.A.** (2008) Developmentally regulated expression of hemoglobin subunits in avascular tissues. *Int. J. Dev Biol* 52: 873-886. **(Journal article, peer reviewed)**
  26. Davies V.J., Powell K.A., White K.E., Yip W., Hogan V., Davies J.R., Piechota M., Hollins A.J., Moat S.J., Nichols P.P., **Wride M.A.**, Boulton M.E., Votruba M. (2008) A missense mutation in the murine Opa3 gene models human Costeff syndrome. *Brain* 131: 368-380. **(Journal article, peer reviewed)**
  25. Mansergh F.C., **Wride M.A.** (2008) Bioinformatics. In: The Encyclopedia of Neuroscience. Binder M., Hirokawa N., Windhorst U. (Eds). Springer, Heidelberg, Germany. **(Book chapter, peer reviewed)**
  24. **Wride M.A.** (2007) Proteases in the development and diseases of the lens. *Expert Review of Ophthalmology (Future Drugs Network).* 2: 833-844. **(Journal article, peer reviewed)**
  23. Boulton M, **Wride M.** (2006) Can Toxicogenomics be Used to Identify Chemicals that Cause Ocular Injury? *ALTEX.* 23 Suppl: 318-20. **(Journal article, peer reviewed)**
  22. **Wride M.A.**, Geattrell J., Guggenheim J.A. (2006) Proteases in eye development and disease. *Embryo*

- Today (Birth Defects Research part C) 78: 90-105. (**Journal article, peer reviewed**)
21. Mansergh F.C., **Wride M.A.**, Walker V., Adams S., Hunter S.M., Evans M.J. (2004) Gene expression changes during cataract progression in Sparc null mice: differential regulation of mouse globins in the lens. *Molecular Vision* 10:490-511. (**Journal article, peer reviewed**)
  20. **Wride M.A.**, Mansergh F.C., Adams S., Everitt R, Minnema S.E., Evans M.J., Rancourt D.E. (2003). Expression profiling and gene discovery in the mouse lens. *Molecular Vision* 9: 360-396. (**Journal article, peer reviewed**)
  19. Mansergh F.C., **Wride M.A.**, Rancourt D.E. (2003) Neurons, Stem Cells and Potential Therapies. *Stem Cell Handbook*. pp. 177-190. Sell S (Ed), Humana Press, Totowa, New Jersey. ISBN: 1-58829-113-8. (**Book chapter, peer reviewed**)
  18. Andrew S.D., Kuiper M.J., **Wride M.A.**, Mansergh F.C., Rancourt D.E., Mulligan L.M. (2003) Structural variation in a novel zinc finger protein and investigation of its role in Hirschsprung disease. *Gene Function & Disease* 3: 69-76. (**Journal integrated with Comparative and Functional Genomics 2003**) (**Journal article, peer reviewed**)
  17. Everitt R., Minnema S.E., **Wride M.A.**, Koster C.S., Hance J.E., Mansergh F.C., Rancourt D.E. (2002) RED: the analysis, management and dissemination of expressed sequence tags. *Bioinformatics*. 18:1692-1693. (**Journal article, peer reviewed**)
  16. **Wride M.A.**, Mansergh F.C., Somani J.M., Winkfein R J., Rancourt D.E. (2002) Characterization and *in silico* mapping of a novel murine zinc finger transcription factor. *Gene* 289: 49-59. (**Journal article, peer reviewed**)
  15. Bain G., Mansergh F.C., **Wride M.A.**, Hance J.E., Isogawa A., Rancourt S.L., Ray W.J., Yoshimura Y., Tsuzuki T., Gottlieb D.I., Rancourt D.E. (2000) ES Cell Neural Differentiation Reveals a Substantial Number of Novel Neural ESTs. *Functional & Integrative Genomics* 1: 127-139. (**Journal article, peer reviewed**)
  14. Mansergh F.C., Wride M.A., Rancourt D.E. (2000). Neurons from stem cells: implications for understanding nervous system development and disease. *Biochem. Cell Biol.* 78: 613-628. (**Journal article, peer reviewed**)
  13. **Wride M.A.** (2000) Minireview: apoptosis as seen through a lens. *Apoptosis* 5: 203-209. (**Journal article, peer reviewed**)
  12. **Wride M.A.**, Parker E., Sanders E.J. (1999) Members of the bcl-2 and caspase families regulate nuclear degeneration during chick lens fibre cell differentiation. *Dev. Biol.* 213: 142-156. (**Journal article, peer reviewed**)
  11. **Wride M.A.**, Sanders E.J. (1998) Nuclear degeneration in the developing lens and its regulation by TNF $\alpha$ . *Exp. Eye Res.* 66: 371-383. (**Journal article, peer reviewed**)
  10. Sanders E.J., Prasad S., Hu N., **Wride M.A.** (1997). Cell death in the gastrulating chick embryo: potential roles for tumour necrosis factor-alpha (TNF-alpha). *Cell Death and Differentiation* 4: 188-199. (**Journal article, peer reviewed**)
  9. Sanders E.J., **Wride M.A.** (1997) Roles for growth and differentiation factors in avian development. *Poultry Sci.* 76: 111-117. (**Journal article, peer reviewed**)
  8. **Wride M.A.** (1996) Cellular and molecular features of lens development: a review of recent advances. *Differentiation* 61: 77 -93. (**Journal article, peer reviewed**)
  7. Sanders E.J., **Wride M.A.** (1996) Ultrastructural identification of apoptotic nuclei using the TUNEL technique. *Histochem. J.* 28: 275-281. (**2004, name of journal changed to J Molecular Histology**) (**Journal article, peer reviewed**)
  6. Sanders E.J., **Wride M.A.** (1995) Programmed cell death in development. *Int. Rev. Cytol.* 163: 105-173.
  5. **Wride M.A.**, Sanders E.J. (1995) Potential roles for tumour necrosis factor-alpha during embryonic development. *Anat. Embryol.* 191: 1-10. (**2007, name of journal changed to Brain Structure and Function**) (**Journal article, peer reviewed**)
  4. **Wride M.A.**, Lapchak P.H., Sanders E.J. (1994) Distribution of TNF $\alpha$ -like proteins correlates with some regions of programmed cell death in the chick embryo. *Int. J. Dev. Biol.* 38: 673-682.
  3. Sanders E.J., Hu N., **Wride M.A.** (1994) Expression of TGF $\beta$ 1 during early chick embryo development. *Anat. Rec.* 238: 397-406. (**Journal article, peer reviewed**)
  2. **Wride M.A.**, Sanders E.J. (1993) Expression of tumor necrosis factor-alpha (TNF $\alpha$ ) cross-reactive proteins during early chick embryo development. *Dev. Dynamics* 198: 225-239. (**Journal article, peer reviewed**)
  1. Grimble R.F., Jackson A.A., Persaud C., **Wride M.A.**, Delers F., Engler R. (1992) Cysteine and glycine supplementation modulate the metabolic response to tumor necrosis factor  $\alpha$  in rats fed a low protein diet. *J. Nutr.* 122: 2066-2973. (**Journal article, peer reviewed**)

#### **Editing Books/Themed Issues of Journals**

1. **Wride M.A.**, Wormstone I.M. (Eds) The Ocular Lens: A Classic Model for Development, Physiology and Disease. Philosophical Transactions of the Royal Society B. Volume 366, April 2011.

### Reports/Case Studies

1. Forsyth, C., **Wride, M.A. (2019)** [Student success: barriers and facilitators](#). National Forum for the Enhancement of Teaching & Learning. **Report**.
2. **Wride M.A. (2017)** [Case study K: Integrative and creative approach in science education](#). In: Enhancing Programme Approaches to Assessment and Feedback in Irish Higher Education: Case Studies, Commentaries and Tools, National Forum for the Enhancement of Teaching & Learning O'Neill, G. (Ed).

### ABSTRACTS/NON-REFEREED PUBLICATIONS

58. O'Leary, Bryne, A., Delaney, Y., Hartigan, I., McGann, M., Murphy, S., Lawlor, R., O'Brien, E., **Wride, M.A.** (2022) Irish Cross-Sectoral Study Reveals that Enquiry / Problem Based Learning In Digital Spaces can be Both Challenging And Rewarding but Most Prefer Face to Face Learning Opportunities. QQI 10th Anniversary Conference, Croke Park, Dublin.
57. West, R., **Wride, M.A.** (2020) Examining large student cohorts – a question of questions. Civil Engineering Research Ireland. Civil Engineering Research Ireland 2020 <https://ceri2020.exordo.com> In Press (**Conference paper, peer reviewed**)
56. **Wride, M.A.** & O'Farrell, C. (2018) Communities of Practice for Staff Development: Enhancing International Student Learning. QQI, Best Practice in Student-Centred Approaches in Education and Training, Dublin Castle.
55. Humby, P., Byrne, J.R. & **Wride, M.A.** (2018) Enhancing Student Learning through Transdisciplinary and Collaborative Inquiry. QQI, Best Practice in Student-Centred Approaches in Education and Training, Dublin Castle.
54. **Wride, M.A.** (2017) Developing the effectiveness of teams through trans-disciplinary approaches to addressing 'wicked problems'. 22nd annual SEDA conference, November 17, Cardiff, Wales, UK.
53. Humby, P., Byrne, J.R., **Wride, M.A.** (2017) A case-study report on an undergraduate extra-curricular pilot module in Transdisciplinary Design and Innovation. Interdisciplinary Learning and Teaching: Frameworks and Practice, 6 April, Milton Keynes, U.K
52. Alrofidi A., **Wride M.A.** (2012) Gene expression analysis of key regulators of chick embryo retinal ganglion cell (RGC) programmed cell death. P251. XX International Congress of Eye Research (ICER) Meeting. Berlin, Germany.
51. Kisiswa L., Albon J., **Wride M.A.**, Morgan J.E. (2010). Age-related dendrite pruning in the adult brown Norway (BN) rat retina. ARVO Abstract 4050/A443.
50. Albon J, Giles P.J., Galay-Burgos M., **Wride M.A.**, Boulton M.E., Nowak-Musial M.M. (2010) Microarray analysis of gene expression in the corneal epithelium during development. ARVO Abstract 3752/D933.
49. Powell K.A., Davies A.J., Taylor E, Mansergh F., **Wride M.**, Votruba M. (2010) Optic atrophy associated protein Opa3 localises to mitochondria and is expressed in the mouse lens. ARVO Abstract 1000/A548.
48. Kisiswa L., Albon J., Morgan J.E., **Wride M.A.** (2010) Age-dependent reduction in the expression of cellular inhibitor of apoptosis 1 (cIAP1) in the retina: implications for age-related retinal degeneration and glaucoma. Society for Neuroscience. L27 837.19.
47. Doodnath, R., Dervan, A., Puri, P., **Wride, M.A.** (2010) The use of zebrafish to study the spatio-temporal pattern of enteric nervous system development. BSDB and BSCB 2010, Warwick, UK. P105
46. **Wride M.A.**, Kisiswa L., Albon J., Morgan J.E. (2009) Apoptosis signalling in the ageing and glaucomatous retina: implications for dendrite remodelling and cell death during neurodegeneration. 1st ANNUAL MEETING IBILI, Coimbre, Portugal
45. **Wride M.A.**, Mansergh F.C., Hunter S.M., Geattrell J.C., Jarrin M., Powell K.A., Evans M.J., (2008) New blood for hemoglobin in the lens: roles in stem cell differentiation and fibre cell organelle loss? European Association for Vision and Eye Research (EVER) meeting, Portoroz, Slovenia. Acta Ophthalmologica 86(s243): 4244.
44. Goodall N., Prashar A., Faulkner S., Tokarczuk P., Guggenheim J., Singh K., **Wride M.A.** (2008) Magnetic resonance imaging of chick ocular development. 11th Irish Network Of Developmental Biologists Meeting UCD, Dublin, Ireland.
43. Geattrell J.C., Gan P-M., Mansergh F.C., Jarrin, M., Williams L., Evans M.J., Boulton M.E., **Wride M.A.** (2008) Apoptosis gene profiling reveals spatio-temporal regulated expression of the p53/Mdm2 pathway during lens development. 11th Irish Network Of Developmental Biologists Meeting UCD, Dublin, Ireland.
42. Mansergh F.C., Hunter S.M., Geattrell J.C., Jarrin M., Powell K.A., Evans M.J., **Wride M.A.** (2008)

- Developmentally regulated expression of hemoglobin subunits in avascular tissues. BSDB and BSCB 2008, Warwick, UK.
41. Nowak M.M., **Wride M.A.**, Boulton M.E., Albon J. (2008) Identification of critical stages in development of chicken corneal epithelium. ARVO Abstract. 3376/A230.
  40. Williams L.A., Boulton M.E., Wride M.A. (2007) Identification of tumour necrosis factors and expression of TRAIL and TRAF 3 during chick lens development. ARVO Abstract. 2908/B123.
  39. Jarrin M., Boulton M.E., **Wride M.A.** (2007) Spatio-temporal analysis of survivin expression during lens development. ARVO Abstract 2909/B124.
  38. Mansergh F.C., Hunter S.M., Geatrell J.C., Jarrin M., Powell K.A., Evans M.J., **Wride M.A.** (2007) Developmentally regulated expression of hemoglobin subunits in avascular tissues. 10TH IRISH NETWORK OF DEVELOPMENTAL BIOLOGISTS MEETING UCC, Cork, Ireland.
  37. Goodall N., Prashar A., Faulkner S., Tokarczuk P., Guggenheim J., Singh K., **Wride M.A.** (2007) Magnetic resonance imaging of chick ocular development. 1<sup>st</sup> International Chick Development Meeting, Barcelona, Spain.
  36. Nowak M., Wride M.A., Boulton M.E., Albon J. (2007) Identification of critical stages in development of the chick corneal epithelium. 1<sup>st</sup> International Chick Development Meeting, Barcelona, Spain.
  35. Trego M.E., **Wride M.A.**, Dizhoor A.M., Boulton M.E. (2006) Expression of the Alpha-Crystallins in the Retinal Pigment Epithelium and Neural Retina in the Human and Mouse. ARVO Abstract 2888/B664.
  34. Evans J.C., Boulton M.E., **Wride M.A.** (2006) Apoptosis Gene Expression Profiling in Mouse Lens Maturation. ARVO Abstract 2548/B476.
  33. Jarrin M., Boulton M.E., **Wride M.A.** (2006) Spatio-temporal analysis of survivin expression during lens development. International Society of Ocular Cell Biology (ISOCB), Homerton College, Cambridge, UK.
  32. Geatrell (Evans) J.C., Boulton M.E., **Wride M.A.** (2006) Apoptosis genes in lens differentiation: identification by array analysis. International Society of Ocular Cell Biology (ISOCB), Homerton College, Cambridge, UK.
  31. **Wride M.A.**, Evans J.C., Mansergh F.C., Hunter S.M., Walker V.E., Evans M.J. (2004) Transcriptional profiling of the lens in health and disease. XVI International Congress of Eye Research, Sydney, Australia.
  30. **Wride M.A.**, Evans J.C., Boulton M.E. (2004) Apoptosis gene expression profiling in mouse lens maturation. ICER Lens Satellite Meeting, Rotorua, New Zealand.
  29. Mansergh F.C., Walker V.E., Hunter S.M., **Wride M.A.**, and Evans M.J. (2004) Transcriptional genomics of ocular development and ageing in Sparc knockout mouse eyes. BSDB and Genetics 2004, Warwick, UK.
  28. Assiri A.A. M., **Wride M.A.**, Mansergh F.C., Walker V.E., Young R.D., Evans M.J., Quantock A.J. (2004) Corneal stromal ultrastructure in mice with Sparc-null mutations. (ARVO 2004) IOVS Supplement 3822/B283.
  27. **Wride M.A.**, Mansergh F.C., Walker V.E., Hunter S.M.H., Evans M.J. (2003) Microarray analysis of the murine ocular lens during maturation and cataractogenesis. 2<sup>nd</sup> International Conference on New Biomedical Materials, Cardiff International Arena, Cardiff, Wales, UK.
  26. **Wride M.A.** (2003) Microarray analysis of the mouse lens during maturation and cataractogenesis. Ophthalmic Research 35 (Supplement 1): 174
  25. Mansergh F.C., Walker V.E., Evans M.J., **Wride M.A.** (2003) Microarray analysis of Sparc null mouse lenses reveals a role for haemoglobin in lens biology? Ophthalmic Research 35 (Supplement 1): 198.
  24. **Wride M.A.**, Mansergh F.C., Everitt R., Minnema S.E., Rancourt D.E., Evans M.J. (2002) Expression profiling and gene discovery in the mouse lens using microarrays. European Association for Vision and Eye Research (EVER) meeting, Alicante, Spain. Ophthalmic Res. 34 (Supplement 1): 29.
  23. **Wride M.A.**, Mansergh F.C., Evans M.J. (2002) Practical aspects of microarray use in ophthalmic research. European Association for Vision and Eye Research (EVER) meeting, Alicante, Spain. Ophthalmic Res. 34 (Supplement 1): 185.
  22. **Wride M.A.**, Mansergh F.C., Minnema S.E., Somani J.M., Rancourt D.E. (2001) Microarray analysis of gene expression during the neural differentiation of embryonic stem (ES) cells. 44th Annual Meeting Canadian Society of Biochemistry, Molecular and Cellular Biology "From the Genome To Structure and Function", Alliston, Ontario, Canada.
  21. Hance J.E., **Wride M.A.**, Minnema M.E., Mansergh F.C., Somani J.M., Everitt R., Koster C., Rancourt D.E. (2001) Bioinformatic management and analysis of the Bain-Rancourt ESTs isolated from embryonic stem (ES) cells undergoing neural differentiation. 44th Annual Meeting Canadian Society of Biochemistry, Molecular and Cellular Biology "From the Genome To Structure and Function", Alliston, Ontario, Canada.

20. Mansergh F.C., Woltjen K., **Wride M.A.**, Rancourt D.E. (2001) Novel strategies for the rapid production of targeting vectors. 44th Annual Meeting Canadian Society of Biochemistry, Molecular and Cellular Biology "From the Genome To Structure and Function", Alliston, Ontario, Canada.
19. **Wride M.A.**, Mansergh F.C., Everitt, R., Hance J.E. Rancourt D.E.. (2001) A novel mouse zinc finger isolated from a neural differentiation paradigm. SDB Annual Meeting, University of Washington, Seattle, WA. Dev. Biol. 235: 443
18. Mansergh F.C., Minnema S.E., Wride M.A., Somani, J.M., Hance J.E., Weiss S., Rancourt D.E. (2001) Microarrays in neural stem cell systems. SDB Annual Meeting, University of Washington, Seattle, WA. Dev Biol 235: 405
17. Minnema S.E., Bain G., Mansergh F.C., **Wride M.A.**, Rancourt D.E. (2000) Surveys of gene expression in the neural differentiation of embryonic stem cells. Alberta Cancer Board Annual Meeting, Banff, Alberta, Canada. Abstract # 56.
16. **Wride M.A.** Mansergh F.C., Bain G., Hance J., Isogawa A., Yoshimura Y., Tsuzuki T. Rancourt D.E. (2000) Mouse embryonic stem (ES) cell neural differentiation: Identification of a substantial number of novel, uncharacterized and disease-related expressed sequence tags (ESTs). 14<sup>th</sup> International Mouse Genome Conference, Narita, Japan. Abstract # I25.
15. **Wride M.A.** Mansergh F.C., Hance J., Bain G., Rancourt D.E. (2000) Mouse embryonic stem (ES) cell neural differentiation: Identification of a substantial number of novel, uncharacterized and disease-related expressed sequence tags (ESTs) using subtraction cloning. 18<sup>th</sup> International Congress of Biochemistry and Molecular Biology, Birmingham, UK, Biochemical Society Abstract Book # 1858.
14. **Wride M.A.**, Mansergh F.C., Rancourt D.E. (2000). Bioinformatic approaches to a large scale neural gene discovery project. Genes and Development Winternational Symposium, Banff, Canada.
13. **Wride M.A.**, Wong B.S., Browder L (1999) Use of lotus notes learning space as an interactive tool for teaching developmental biology. Dev. Biol. 210: 182
12. **Wride M.A.**, Parker E., Sanders E.J. (1999) The chick embryo lens: a model for programmed cell death. Comp. Biochem. & Physiol. 124A Suppl. S59
11. Mansergh F.C, **Wride M.A.**, Hance J., Bain G., Rancourt D.E. (1999) ES cell differentiation reveals a substantial number of novel neural ESTs. Am J. Human Genetics 65s: 2072.
10. Mansergh F.C, **Wride M.A.**, Hance J., Bain G., Rancourt D.E. (1999) ES cell differentiation reveals a substantial number of novel neural ESTs. BioContact Quebec, A Biopharmaceutical Partnership Symposium.
9. **Wride, M.A.**, Parker E., Sanders E.J. (1998) A role for bcl-2 family members and caspases in nuclear degeneration during chick lens fibre cell differentiation. Dev. Biol. 198: 190.
8. Sanders E.J., **Wride M.A.** (1997) Embryonic lens fibre cell denucleation: an apoptotic event? XXXIII International Congress of Physiological Sciences IUPS, St. Petersburg, Russia.
7. **Wride M.A.**, Sanders E.J. (1996) Potential roles for TNF-alpha in the development of the chick embryo lens Poultry & Avian Biology Reviews 6: 261
6. Johnson C.D.M., **Wride M.A.**, Hull K.L., Harvey S. (1995). Immunohistochemical localization of growth hormone and growth hormone receptor in the early chick embryo. Poultry & Avian Biology Reviews 6: 259
  
5. **Wride M.A.**, Sanders E.J. (1994) Immunocytochemical localisation of tumour necrosis factor-  $\alpha$  (TNF-  $\alpha$ ) and TNF-receptors (TNFR1 and TNFR2) in chick eye lenses and in lens epithelial explants *in vitro*. British Soc. Dev. Biol./Brit. Soc. Dev. Pathol., Autumn Meeting, "Models for Man: the molecular basis of normal and abnormal development", Durham, U.K.
4. **Wride M.A.**, Sanders E.J. (1995) TNF-alpha and TNF-receptors in the developing avian lens. Mol. Biol. Cell 6s: 323a
3. **Wride M.A.**, Sanders E.J. (1993) Programmed cell death in chick embryo development: a study using TdT-mediated dUTP-biotin nick end-labeling and correlation with expression of tumour necrosis factor-alpha (TNF alpha) cross-reactive proteins. Mol. Biol. Cell 4s: 143a.
2. **Wride M.A.**, Sanders E.J. (1992) Immunocytochemical localization of tumor necrosis factor-alpha (TNF alpha) during early chick embryo development. Mol. Biol. Cell. 3s: 109a.
1. Grimble R.F., Jackson A.A., Persaud C., **Wride M.A.**, Delers F., Engler R (1991) Modulatory effects of glycine and cysteine on the response of glutathione and acute phase proteins to tumour necrosis factor alpha in rats. Proc. Nutr. Soc. 50: 169a.

### Magazine Publications

---

**Wride M.A.** (2013) Re-creating science: creativity in science and science education. Science Spin. 62: 11-13

**Wride M.A.** (2013) A new approach to science. Network Ireland. 86: 2-4.