

# Shaun McAnally

## *Curriculum Vitae*

2018 – 2022, **Bachelor of Advanced Science (Physics, Honours First Class),  
The University of Queensland**

2018 – 2022, **UQ Excellence Scholar** – Awarded by the Deputy Vice Chancellor (Academic) to new undergraduate students for academic excellence and community leadership throughout secondary school.

## ***Extracurricular Experience***

2018 – Current, **National Evaluator, Global Issues Problem Solving & Future Scenario Writing Future Problem Solving Program Australia Inc.**

2018, **Student Representative, Teaching and Learning Committee**

*Undergraduate Student Representative, Faculty of Science, The University of Queensland*

2018 – 2019, **Volunteer Presenter, UQ Science Demo Troupe**

2019, **Volunteer Newsreader, Queensland Radio for the Print Handicapped**

2019, **President, UQ Physics Club**

2019, **Treasurer, UQ Refugee Tutoring Club**

2019, **Team Member for Team Australia, International Physicists' Tournament**  
EPFL, Lausanne, Switzerland

2019 – 2020, **Student Mentor, UQ Science Mentor Program**

2019 – 2022, **Program Leader, Student Led Observations for Course Improvement (SLOCI)**  
Faculty of Science, The University of Queensland

SLOCI is a student-run research unit in the Faculty of Science that partners with course coordinators to provide them with insights on the experience of students in their course to further the development of STEM learning design. As Program Leader, I coordinated the partnerships with course coordinators (~12 per semester), selected student team members and provided the team with training and ongoing support, developed the resources for our course partnership methodology and reviewed all reporting work before being shared with course coordinators.

2020 – 2022, **Student Representative, Board of Studies**

*Undergraduate Student Representative, Faculty of Science, The University of Queensland*

2023, **Lead Curator, TEDxUQ**

As Lead Curator, I led a team of five fellow curators to interview, select and mentor the speakers for TEDxUQ 2023. The Curatorial team was responsible for supporting our speakers in planning, rehearsing and delivering their talks to an audience of 600 guests. TEDxUQ 2023 had the highest attendance of the ten TEDx events held thus far at UQ.

2023 – Current, **Academic Advisor, International Baccalaureate Extended Essay in Chemistry**  
Queensland Academy for Science, Mathematics and Technology & The University of Queensland

2023 – Current, **Deputy Theme Leader, Nanotechnology & Materials Chemistry Theme**  
School of Chemistry and Molecular Biosciences, The University of Queensland

2023, *Committee Member & MC, 19th Research Student Symposium Organising Committee*  
School of Chemistry and Molecular Biosciences, The University of Queensland

### ***Research Experience***

**PhD – *More from Less*:** Enhancing the efficiency of organic solar cells with simple active layers  
*April 2022 – Current*, Centre for Organic Photonics & Electronics, The University of Queensland  
Supervisors: Prof. Paul Burn & Dr Paul Shaw

### **Research Assistant (Staff Role)**

*January 2022 – March 2022*, Centre for Organic Photonics & Electronics,  
The University of Queensland  
Supervisors: Prof. Paul Burn & Dr Paul Shaw

**Honours – *More from Less*:** High performance low donor content organic photovoltaic devices  
2021, Centre for Organic Photonics & Electronics, The University of Queensland  
Supervisors: Prof. Paul Burn & Dr Paul Shaw

***Advanced Physics Research Project*** – Extending the light harvesting of organic solar cells towards the infrared with a non-fullerene acceptor  
2020, Centre for Organic Photonics & Electronics, The University of Queensland  
Supervisors: Prof. Paul Burn & Dr Paul Shaw

***Perspectives in Science Research Project*** – Redshift effects in entangled quantum particles  
2019, School of Mathematics and Physics, The University of Queensland  
Supervisor: Dr Magdalena Zych

**UQ Summer Research Program (w. Scholarship)** – Magic wavelength Faraday imaging  
*November 2018 – February 2019*, School of Mathematics and Physics, The University of Queensland  
Supervisor: Dr Mark Baker

### ***Awards & Research Grants***

#### **Partnership & Collaboration Award**

2021, Faculty of Science, The University of Queensland  
Awarded for leading the Student Led Observations for Course Improvement (SLOCI) Team in over sixty partnerships with Faculty of Science academics.

#### **ANFF-Q Student Award – \$1000 funding**

2020, Awarded by the Queensland branch of the Australian National Fabrication Facility to Honours and PhD students who demonstrate academic excellence to cover the costs of equipment training and usage.

#### **UQ Student-Staff Partnership Grant – \$3000 funding**

*Semester 2, 2018*, Development of a resource suite for student members of academic committees

#### **UQ Student-Staff Partnership Grant – \$3000 funding**

*Semester 1, 2019*, Development of a recruitment framework for student members of academic committees

#### **UQ Student-Staff Partnership Grant – \$3000 funding**

*Semester 2, 2019*, Development of a guide for chairpeople for the inclusion of student committee members