

**SOCIETY OF CRYSTALLOGRAPHERS IN AUSTRALIA AND NEW ZEALAND  
THE LAWRENCE BRAGG MEDAL.**

*For distinguished contributions to science involving X-ray, neutron or electron diffraction and/or imaging.*

**Background**

This award was established in 2012 in honour of Sir William Lawrence Bragg, an Australian born physicist and X-ray crystallographer, discoverer of Bragg's Law of X-ray diffraction and joint recipient of the Nobel Prize in Physics, 1915. It is the Society of Crystallographers in Australia and New Zealand's most distinguished award.

**The Award**

The medal shall be awarded approximately biannually, and the successful candidate will be required to deliver a lecture at the SCANZ conference following the award. The award will consist of a medallion, free registration at the SCANZ conference at which they will receive the award and \$1000 towards the expenses of attending the SCANZ Conference at which the award will be presented.

1. The Medal shall be awarded to a financial member of the Society who, in the opinion of the SCANZ Council or duly appointed representatives, has contributed most towards the development and/or application of a branch of science associated with X-ray, neutron or electron diffraction and/or imaging.
2. The award is based on the following selection criteria:
  - a. The award is based on consideration of the candidate's published scientific work, together with other evidence of their standing in the international community. A major portion of the relevant scientific work must have been carried out in Australia and/or New Zealand while the candidate was a member of the Society.
  - b. The candidate's contribution to the scientific community.
  - c. The candidate's demonstration of qualities that are consistent with the SCANZ Code of Conduct (<https://www.crystal34.org/policies-1>).
3. The applicant must have been a continuous member of SCANZ for the previous 10 years.

[scanz.iucr.org](http://scanz.iucr.org)

President: A/Prof. Megan Maher, University of Melbourne  
Secretary: A/Prof David Turner, Monash University  
Treasurer: Prof. Jack Clegg, University of Queensland

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[scanz.secretary@gmail.com](mailto:scanz.secretary@gmail.com)  
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## Selection Process

To be considered for the award, candidates must provide their CV, a complete application form and the names and details of **two referees**. Final decisions are at the discretion of the assessor panel and the SCANZ Council, which reserves the right not to make the award if there are no suitable candidates.

The referees are asked to provide written references addressing the selection criteria (point 2 above). The references should be e-mailed to [secretary@scanz.org](mailto:secretary@scanz.org) **by the closing date for applications (COB 16.09.2022)**.

**Applications close COB 16.09.2022. Where possible, please combine the application form and supplementary material into one PDF file.** Please send your application as an email attachment to [secretary@scanz.org](mailto:secretary@scanz.org) by the closing date.

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## PART A – Applicant Details

Title		Surname	
Given Name(s)			
University / Research Institution			
Faculty/Department			
Address			
Telephone			
Email Address			
Gender* (leave blank if you prefer not to answer)			

*\*SCANZ is committed to diversity and inclusion (<https://www.crystal34.org/policies> and <https://www.crystal34.org/policies-1>) we are collecting this information in order to make the award process as transparent as possible.*

## PART B – Application

### **B1. RESEARCH IN THE DEVELOPMENT AND/OR APPLICATION OF A BRANCH OF SCIENCE ASSOCIATED WITH X-RAY, NEUTRON OR ELECTRON DIFFRACTION AND/OR IMAGING**

Provide a brief summary (**MAXIMUM 500 WORDS**) describing your research achievements in the development and/or application of a branch of science associated with X-ray, neutron or electron diffraction and/or imaging.

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**B2. PUBLICATIONS IN THE DEVELOPMENT AND/OR APPLICATION OF A BRANCH OF SCIENCE ASSOCIATED WITH X-RAY, NEUTRON OR ELECTRON DIFFRACTION AND/OR IMAGING**

List your **five career-best** publications associated with research into the development and/or application of a branch of science associated with X-ray, neutron or electron diffraction and/or imaging. Add a statement of a maximum of 50 words explaining and justifying the impact or significance of each research output.

**B3. CONTRIBUTIONS TO THE COMMUNITY**

Please detail your contributions to the scientific community (including, but not limited to SCANZ). This can include research supervision, mentoring and advice and other professional activities such as grant and peer review, University service and discipline contributions, identifiable benefits outside academia.

**(MAXIMUM 200 WORDS).**

**B4. DEMONSTRATION OF VALUES CONSISTENT WITH THE SCANZ CODE OF CONDUCT**

How have you demonstrated qualities consistent with the SCANZ Code of Conduct?

**(MAXIMUM 100 WORDS).**

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## PART C – Administrative Summary

### C1. ACADEMIC RECORD

Please list the award courses in which you are enrolled or have been enrolled at a tertiary institution.

Name of institution	Name of degree/diploma (show level of honours where applicable)	Completion date (month and year)

### C2. APPOINTMENT DETAILS

Year PhD awarded	
If applicable, total period of career interruption(s) (in years and months)	

### C3. EMPLOYMENT TIMELINE

Please list in reverse chronological order your employment (including part-time) and career interruption history since the date your PhD was awarded. This should include all periods of interruption relevant to your application.

Time Period: (month/year – month/year)	Employment and interruption history: (include position title <i>or</i> type of career interruption)	Was employment research related: (Yes/No/NA)	Total period: (in months/ Years)	Full Time Equivalent

**Are there any other aspects of your career or opportunities for research that have not been detailed elsewhere?**

*(Add more or delete rows as required.)*

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**PART D – Supplementary Material**

Item	Material	Check box if enclosed
D1. Profile of research background	Please attach a max one (1) A4 page profile of your research activities, experience and strengths.	<input type="checkbox"/>
D2. Curriculum Vitae	Please attach a maximum two (2) A4 page curriculum vitae.	<input type="checkbox"/>
D3. Publication history	Please attach a document detailing published works, organised in the following categories: <ul style="list-style-type: none"> <li>• Refereed journal articles (the date of acceptance should be provided for papers in press)</li> <li>• Reviews</li> <li>• Books</li> <li>• Chapters</li> <li>• Patents</li> <li>• Other publications.</li> </ul>	<input type="checkbox"/>

**PART E – Declaration**

**E1. APPLICANT DECLARATION**

*I declare that the information I have given in this application is true to the best of my belief and I understand that the award may be withdrawn if false information is given.*

Signature		Date	
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