

Michael Guilhaus Research Award

Professor Michael Guilhaus was an innovative instrument designer who constructed, at the University of New South Wales in Sydney Australia, prototype orthogonal-acceleration time of flight mass spectrometers starting in the late 1980's. This technological development, now widespread in commercial Quadrupole Time of Flight Instruments, was pioneered by Michael. In recognition of this, Michael was the inaugural recipient of the Australian and New Zealand Society for Mass Spectrometry (ANZSMS) Morrison Medal and was awarded the Curt Brunnée Award from the International Mass Spectrometry Foundation; the only Australian to be so-honoured.

A research prize will be awarded biennially (in the non-conference year of the ANZSMS), to an early career researcher who principally works in Australia or New Zealand. The award is designed to support innovative research in the field of mass spectrometry.

Research Awards Objective

Promote instrumentation or other innovative mass spectrometry developments or research within Australia and New Zealand for an early career scientist.

Provide funding to initiate a research project described in the application. Strategic priorities for these funds are to support growth in research profile, capability or income, with an emphasis on developing new partnerships (e.g. industry, government departments and agencies or international academic organisations).

Rules for the Award

Eligibility

The candidate must be an early career researcher (<10 years from award of PhD or equivalent considering relevant career interruptions) who principally works in Australia or New Zealand.

Frequency of the Award

The award is made every two years (subject to availability of funds).

Announcement and Presentation of the Award

The announcement of the award will be made approximately one year in advance of the biennial meeting of the ANZSMS, through direct correspondence with the members and noting at the subsequent general meeting.

Award

The Michael Guilhaus Research Award will include a certificate of recognition, and funds (see below) paid to the recipient's University, which is to be used for the research project. In accepting this award, the institution will agree not to charge overhead on the funds.

Funding Level and Duration

Funding level will be specified at the time of call for applications. A minimum of \$2,000 will be considered depending on availability of funds. Eligible expenses include direct operating costs and consumables, essential small equipment, services (e.g. access to research platforms), travel (flights, local transport) and accommodation to visit an industry partner or research collaborator.

Projects must be completed and funds expended within 1 year of the award. ANZSMS reserves the right to reclaim unspent funds. Requests for project extensions will only be considered in extenuating circumstances and requests must be submitted to the President of the ANZSMS within 9 months of the award.

Application for the Award

For 2024, a maximum funding request of \$2000 AUD will be considered.

The ANZSMS president will call for nominations for the Guilhaus Award in a timeframe suited to enable presentation of project outcomes to the next ANZSMS conference. The deadline will be announced by the ANZSMS President via email and through the website.

Applicants should submit:

- Research proposal (maximum two A4-pages, 12 point) including references, figures, budget, justification etc.
- List of all current and pending research support (maximum one A4-page, 12 point)
- Curriculum vitae, including publication list, and date of award of PhD (maximum 5 A4 pages, 12 point). Relevant career interruptions can be detailed here and will not count towards the application page limit.

Applicants should collate documentation and submit this as one PDF, via email to the ANZSMS President, no later than the specified closing date for applications.

Assessment Criteria

- The proposal clearly specifies a new research project and has a high likelihood of leading to research income or high impact research outcomes in the mass spectrometry field. Applications that involve a new collaboration will be ranked higher.
- The research team is well-placed to achieve the goals of the proposal
- The funding requests are well justified and appropriate for the project outcomes.

Judging will be by the ANZSMS Executive Committee or esteemed panel chosen by the committee (4-6 members); and will usually include the convener of the next ANZSMS conference.

Requirements of the Awardee

The awardee will present an invited lecture at the subsequent ANZSMS conference.

A written report limited to two pages on the outcomes of the project will be required 8 weeks after the project end date. This report must address the objectives stated in the original proposal and include a summary of all activities, including any variations. Where outputs (joint publications, funding applications, etc.) will take time to achieve, the report should indicate when they are expected.

A project summary of approximately 150 words describing the key aims, outcomes and significance of the project in non-specialist English will also be required 8 weeks after the project end date for inclusion on the ANZSMS website and promotion through social media outlets.

Further Information

Email the President of ANZSMS at president@anzsms.org.

Key Dates for 2024

Release of Guidelines and Application Form	17 May, 2024
Submission deadline	11:59 pm Friday 28 June, 2024
Results announced and funds available	July 2024
Outcome and expenditure reports due	September 2025*

* 8 weeks after project end date