

The ICTMA Career Research Medal – The Henry Pollak Award

An ICTMA Career Research Medal, to be known as The Henry Pollak Award, is to be awarded as required (not necessarily annually) to a long-term and active ICTMA member who has made a sustained and distinguished contribution to research in mathematical modelling education in his/her local context and internationally. The award of this medal reflects ICTMA's pride in an ICTMA member's outstanding research in mathematical modelling education. Normally, the medal(s) will be awarded at the ICTMA conference dinner where the citation will be read out.

Recipients will receive a boxed medallion and a matching lapel pin with the ICTMA logo.

Nomination process

The existence of the ICTMA Career Research medal will be made known to ICTMA members through the newsletter and website. Nominations will be accepted at any time of the year. An ICTMA member must be nominated and seconded by other ICTMA members. S/he must accept the nomination in writing.

ICTMA will supply a downloadable nomination form, including space for the nomination and acceptance as well as to address each of the criteria. The case should be based on concrete evidence that is easily checked and/or appended to the nomination form where possible.

Selection process

Before the beginning of an ICTMA conference year, the International Executive member who has oversight of awards in their portfolio, named as International Executive Member (Awards) for this purpose, will invite a panel that includes

- International Executive Member (Awards);
- 2 international ICTMA members who are experienced mathematical modelling education researchers, one of whom will be nominated by the International Executive Member (Awards) as Chair of the panel

Gender and geographical balance should be considered when selecting the 3 panel members.

The names of the panel members will be reported to the International Executive, but not to ICTMA members. The following International Executive Committee motion will be used to accept the International Executive member's nominations; "The ICTMA International Executive Committee accepts the names of the assessing panel as submitted by the International Executive Member (Awards)."

If and when nominations are received, the International Executive Member (Awards) will:

- within 1 month of receipt, acknowledge receipt and collect further information from the nominators if necessary;
- arrange for the panel to judge the applications; and
- recommend the award of a Henry Pollak Research Award (or not) to the ICTMA International Executive Committee.

The panel, through the International Executive Member (Awards), has the right to seek further references or information from the member who proposed the nomination, or the nominated member, or both. The membership, business and recommendations of the panel will remain confidential.

Selection criteria

It is expected that the recipient of an ICTMA Career Research Medal, that is, The Henry Pollak Award, will have had a career that exhibits the following:

1. sustained and distinguished achievement in mathematical modelling education research projects;
2. research that has made a broad impact (see Note 1 below);
3. an outstanding record of quality of scholarship (see Note 2 below); and
4. research-related contributions and service to ICTMA over a period of time.

Notes:

¹ The impact may be in mathematical modelling education, mathematics education more generally, research programs of others and/or the development of novice researchers. Impact on the research of others could mean that the nominee's research has led to related research agendas and/or programs of other researchers, or that the tools, findings, etc., of the research have been used as the basis for further research by others. Impact may also be argued on the basis of practical changes in school systems, uptake by Education Departments, teacher education, or other practical outcomes. Impact through development/training of novice researchers includes documented fostering the development of less experienced researchers and significant involvement in research training (usually as supervision or as a member of international advisory panels).

² Evidence of quality of scholarship could include the dissemination of research through monographs, book chapters, academic and professional journal articles, refereed conference papers, invited addresses, citations, awards, reviews of the nominee's work, international study groups, etc. The panel should consider the quality, quantity and diversity of such activities, although no criteria for any of these three individual aspects are seen to be necessary.