



Australasian College of Physical Scientists and Engineers in Medicine

ABN 44 005 379 162

INFORMATION RELATING TO APPLICATIONS FOR FELLOWSHIP

Preamble

Fellowship is open to those members who, in the opinion of the Council, have made an outstanding contribution to engineering or physical science applied to medicine.

The College considers that a very high standard of scientific achievement or professional responsibility is necessary to justify election to the grade of Fellow. Council will therefore require the demonstration of a high standard of attainment in the provision and management of services or education and training as well as contributions to research and development, which provide evidence of outstanding ability in the professional application of science or engineering. Candidates will be judged in three main areas of achievement. These are:

Research and Development:

Evidence of achievement in this area may include published papers, presentations at conferences, published books or monographs. Higher significance should be given to formal publications.

Work Responsibility:

This relates to the level of responsibility inherent in the applicant's position but also includes the contributions and achievements that are relevant to their work. Evidence of innovation and enhancement of services will be required to gain high scores under this category. This may also include teaching and educational responsibilities and achievements.

Professional Contribution:

Evidence is required concerning the applicant's contribution to the profession in general. This may be through professional bodies such as the ACPSEM but could also be as a result of contributions to standards and protocols that advance the profession. Substantially greater importance should be attached to contributions which enhance the profession by the development of protocols, standards and other professional issues rather than administrative and functional roles on professional committees. In general, contributions to international bodies should be scored more highly than those to local or national ones.

Requirements

Candidates for admission or transfer to the grade of Fellow shall produce evidence to the satisfaction of the Council:

- (a) that the candidate is at the time of the application for election or transfer, wholly or mainly following the profession of physical scientist or engineer in medicine
or
that the candidate has followed the profession of physical scientist or engineer in medicine and that although at the time of the application for election or transfer they are not following the profession it is in the interests of the profession that they should be elected or transferred; and
- (b) that the candidate is an Ordinary member of the College having held the grade of Ordinary Member for at least 2 years and has had at least 7 years experience as a physical scientist or engineer in a hospital or other institution approved for the purpose of this clause by Council
or

that the candidate has had at least 9 years experience as a physical scientist or engineer in a hospital or other institution approved for the purpose of this clause by Council.

or

that the candidate has high educational qualifications, has been employed in the profession of physical scientist or engineer for at least 10 years occupying prominent professional positions; and

- (c) that the candidate has satisfied the Council that they meet the requirements of high professional attainment required of a Fellow.

Notwithstanding the provisions of this clause a Fellow who ceases to be wholly or mainly occupied in the profession of physical scientist or engineer in medicine shall not by reason thereof cease to be a Fellow unless Council so decides.

Scoring system

It should be stressed that the points awarded under the various categories outlined in Table 1 are to be used as a guide in assessing the merit of individual candidates for Fellowship. Where it is deemed possible, fractional marks may be allocated. Hence the maximum possible score is 15. The recommended threshold for a Fellow is **9 points** but the decision on acceptance or otherwise resides initially with the Board of Examiners and ultimately with Council. A Fellowship will only be granted to candidates with a distinguished record of achievement.

Candidates who are judged to be below the lowest criterion defined in Table 1 will in general be regarded as having below average achievement in the particular category and will normally be excluded from Fellowship consideration. Note that the description of the achievements of candidates given in the attached table is provided as a guide only. This is particularly true of scores intermediate between 1 and 5 where alternative possibilities to those described may exist.

Procedure

Applicant

Fellows must be proposed and supported by a Fellow of the ACPSEM on the approved form (attached). Two referees must be nominated although the Board of Examiners has the right to select alternative or additional referees if this is deemed appropriate. The candidate must seek approval from the referees and provide them with a copy of this document including the Referee's Report Form, so that they can fully understand their responsibilities. Candidates should accompany their application with sufficient documentation to allow the referees and the Board of Examiners to properly assess their application. This should include a document in which the achievements of the applicant in each of the categories described in Table 1 are clearly defined. It will not normally be sufficient simply to attach a curriculum vitae which does not specifically address the criteria relevant for election to Fellowship. Internal reports and documents need not be sent with the original application but they must be available for scrutiny if required.

Referees

Referees must score the candidate according to the guidelines of Table 1 on the approved form (attached). The score in each of the three categories should be accompanied by an explanation of why the referee believes that the score allocated is appropriate. Any information or comments that are believed to be inadequately covered by the scoring system in Table 1 should be provided by the referees in addition to the scores requested above.

Table 1

	Research and Development	Work Responsibility	Professional Contribution
Score 1	Has , for a significant period during career made occasional contributions to the peer reviewed literature and conferences. Some evidence of innovative developments. Candidate can be placed between the 50th and 60th percentile of college members for this category.	Has , for a significant period during career performed a professional service at a competent level, but there is limited evidence of development and innovation of the service provided Candidate can be placed between the 50th and 60th percentile of college members for this category.	Has made a minor contribution to the profession. Candidate can be placed between the 50th and 60th percentile of college members for this category.
Score 2	Has , for a significant period during career made occasional contributions to the peer reviewed literature and conferences. Some evidence of innovative developments. Is developing a record of mentoring novice researchers in the field Candidate can be placed between the 60th and 70th percentile of college members for this category	Candidate can be placed between the 60th and 70th percentile of college members for this category	Has made a contribution to the profession as evident by leadership in ACPSEM or other equivalent bodies. Contributions have been made in administrative and functional roles. Candidate can be placed between the 60th and 70th percentile of college members for this category
Score 3	Has , for a significant period during career made regular contributions to national and international peer reviewed literature and conferences. Has an established record of mentoring novice researchers in the field Candidate can be placed between the 70th and 80th percentile of college members for this category	Has , for a significant period during career performed a professional service at a competent level. Some evidence of innovations, continual development and enhancement of service is provided. Candidate can be placed between the 70th and 80th percentile of college members for this category	Has made a major contribution to the profession as evident by leadership in ACPSEM or other equivalent bodies. Substantial contributions have been made in administrative and functional roles. Candidate can be placed between the 70th and 80th percentile of college members for this category
Score 4	Has , for a significant period during career made frequent high quality contributions to national and international peer reviewed literature and conferences. The published work should describe significant advances in their field and indicate that the applicant is an innovator, undertaking substantial and frequent developments in their discipline. Candidate can be placed between the 80th and 90th percentile of college members for this category	Has , for a significant period during career performed a highly responsible service at a competent level. Some evidence of innovations, continual development and enhancement of service is provided. Candidate can be placed between the 80th and 90th percentile of college members for this category	Has made a major contribution to the profession as evident by leadership in ACPSEM or other equivalent bodies. Substantial contributions have been made to the development of protocols, standards etc. Candidate can be placed between the 80th and 90th percentile of college members for this category
Score 5	Has , for a significant period during career made frequent high quality contributions to national and international peer reviewed literature and conferences. The published work should describe significant advances in their field and indicate that the applicant is an innovator, undertaking substantial and frequent developments in their discipline. Have an established record of mentoring novice researchers in the field. Candidate can be placed between the 90th and 100th percentile of college members for this category	Has , for a significant period during career performed a highly responsible service at an exceptionally competent level. Evidence of innovations, continual development and enhancement of service is provided. Candidate can be placed between the 90th and 100th percentile of college members for this category	Has made a major contribution to the profession as evident by leadership in ACPSEM or other equivalent bodies. Substantial contributions have been made to the development of protocols, standards etc in addition to administrative and functional roles. Candidate can be placed between the 90th and 100th percentile of college members for this category