

External Peer Review of Teaching (ExPeRT): Discussion Paper

(June 2017)

This discussion paper provides a brief overview of peer review in Australia and models of contextually appropriate peer review in the literature. An examination of exemplars of registries of expert reviewers includes possible sources, recruitment and training of these experts, followed by potential challenges including engagement by the sector and sustainability of the process. The paper concludes with a proposed model of external peer review.

This paper forms part of my OLT National Senior Teaching Fellowship program on *Recognising and rewarding teaching: Australian teaching standards and expert peer review*. The goal of the program is to contribute to the capacity of tertiary institutions and the sector to come to a shared understanding of quality teaching and through establishing teaching criteria and evidence, better recognise and reward teaching excellence.

There are three parts to the Fellowship program which can be accessed from the website hub (www.recognisinguniteaching.edu.au)

1. To extend and embed the outcomes of the [Australian University Teaching Criteria and Standards](#) (AUTCAS) project
2. To investigate the feasibility of a sector-developed, and endorsed, [Australian Tertiary Teacher Standards \(ATTS\)](#) to provide a credible, external standard against which institutions can agree and potentially benchmark teacher quality.
3. To investigate and trial a process of [expert peer review](#) that will apply teaching criteria and standards and model how to assess teaching excellence and quality.

This discussion paper has been developed to address the third part of the program, namely: to investigate and propose a process of external peer review of teaching portfolios for promotion using institutional criteria, or for recognition using external standards. Further, it explores the feasibility of establishing a College of Peers, a register of endorsed and trained teaching and learning experts to carry out the reviews

Your feedback and comments on the attached paper will contribute to the Australian tertiary education sector's engagement in strategies and processes that enhance students' experiences of learning at Australian universities and tertiary education institutions. The [Fellowship website](#) will contain the different versions of this document and will be updated as discussion unfolds. I also welcome any queries and informal feedback on the other two areas of activity of my Fellowship.

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External Peer Review of Teaching (ExPeRT): Discussion Paper

This paper focuses on the role and purpose of external peer review of teaching, with a focus on reviewing portfolios for promotion using institutional criteria. It considers the feasibility of establishing a 'College of Peers' who are endorsed and trained teaching and learning experts to carry out the reviews. This is grounded in the recognition that higher education institutions typically struggle to identify suitably experienced, expert reviewers of teaching portfolios for promotion purposes.

The paper is organised in four parts. It:

1. Provides an overview of peer review in Australia, including an examination of models of contextually appropriate peer review from the literature
2. Identifies potential challenges including the recruiting of expert reviewers, engagement by the sector, and sustainability of the process
3. Outlines the characteristics upon which the proposed ExPeRT model is based
4. Concludes with a proposed trial of the training of experts for the model of external peer review of teaching (ExPeRT) for the purposes of promotion and recognition .

1. Peer review in Australian higher education

There has been strong advocacy and support for the use of peer review in the Australia higher education sector. For example, AUTC/ALTC/OLT funded studies and projects (Harris et al., 2008; Crisp et al., 2009; McKenzie et al., 2011; Wood et al., 2011; Sachs et al., 2013; Nash et al., 2014; Krause et al., 2014, Booth et al, 2015) have long promoted its use for both developmental and performative purposes. This reflects over 50 years of international advocacy that peers and colleagues should be considered as legitimate and valuable sources of information about teachers and teaching (Simpson, 1967; Hildebrand, 1971; Chalmers & Hunt, 2016).

The Australian studies have focused on different aspects of peer review of teaching including classroom observation, online teaching, and assessment to ensure standards. The purpose of the reviews has been predominantly for teacher development and are conducted within institutions. Two studies have looked at external peer review (Crisp et al., 2009; Krause et al., 2014). The project by Crisp and colleagues (2009) on 'Peer Review of Teaching for Promotion Purposes' considered both within institution teacher observation and external peer review of documented evidence for evaluative purpose and trialled it across 4 universities. They concluded that "summative peer review of teaching has the ability to improve both the status and the quality of teaching at tertiary level, by encouraging the promotion of exceptional teachers and academics engaged in the scholarship of teaching at all levels" (2009, p 5). They recommended that "for a summative peer review of teaching program to be successful, peer reviewers must be trained and experienced" (2009, p 5). However, to date there has been little progress made on establishing and training a pool of teaching and learning experts that can be called on by universities to review teaching portfolios against institutional or external criteria for promotion purposes.

1.1 Models of peer review

Models of peer review of teaching can simplistically be categorised as internal or external and for summative or formative purposes. The benefits of external peer review have long been accepted and practiced (Conley-Tyler, 2005) in academia especially for summative purposes where independence of judgement is valued for research but has been met with active resistance for teaching (Shulman 1999; Gosling, 2014). It has been argued that internal peer review is better suited for formative purposes where a degree of familiarity of the reviewees and their practice can be an advantage in the provision of constructive feedback for improvement (Bell & Cooper, 2013; Sachs et al., 2013; Nash et al., 2014). Examples of peer review models evident in the Australian higher education sector have been categorised into the internal-external and summative-formative dimensions in Figure 1.

These models are utilised for a variety of purposes and at varying levels across the higher education sector. They may be undertaken at a faculty, institutional or sector level and may be conducted for purposes such as institutional quality assurance of courses, accreditation of degrees, assessment standards and quality of teaching for the purposes of recognition and/or promotion. The examples in Figure 1. are illustrative of Australian practices and are not intended to be a comprehensive map of the Australian higher education sector.

	Summative	Formative
Internal	Institutional Academy eg Monash, Wollongong. Curtin Faculty Academy eg. FASE, UWA. Institutional teaching awards	Peer Review of Teaching (Barnard, Nash et al., 2014) UQ peer observation of teaching Curtin peer observation of teaching
External	Peer Review of Teaching for Promotion Purposes (Crisp et al., 2009) TEQSA HEA Fellowship HERDSA Fellowship Academic Promotion OLT Fellows National Teaching Awards	HEA Fellowship Peer Review of Assessment Network (PRAN) Peer Review of Assessment Networks (Booth et al, 2015) Quality Verification System (QVA) (Go8, 2013) Academic Calibration Process (ACP)

Figure 1: Examples of peer review models in Australian higher education

While there is a natural alignment between external review for summative purposes and internal review for formative outcomes there are exceptions to this trend as indicated in Figure 1. The internal-summative model, is less common as it is contrary to the long established academic tradition of external examiners provision of unbiased assessment (Gaunt, 1999). There are however examples of this in cases such as institutional fellowships (eg. Curtin’s Academy and UWA’s FASE). There is an increasing number of examples of the external-formative model where external reviewers offer formative advice related to teaching, assessment and academic standards generally. In each of the examples of this type listed, a community of qualified assessors support the practice.

Hybrid models also exist where both internal and external assessors work together for summative purposes, such as the HEA Fellowship, and for formative purposes such as the Peer Review Assessment Network (PRAN)

In reality, the dimensions and characteristics of a peer review model of teaching are more complex and include:

- Whether the reviewers are internal or external (including whether the review is blind)
- The purpose of the review (summative or formative)
- The knowledge and experience of the reviewers (including whether training of the reviewers occurs)
- The reviewing process (including the standards against which the review is conducted)

Examples of the range of characteristics of various models in use in Australia are illustrated in Table 1.

Booth et al. (2015) advocate the adoption of a multi-level approach to peer review to meet the particular requirements of the HE sector. In the context of reviewing assessment, they propose a five-level approach, each level becoming more sophisticated and rigorous than the previous. Only the lowest level involves an internal review process within an institution. The next four levels incorporate external review with increasingly experienced reviewers. More recently a number of scholars (Bloxham and Price, 2015; Medland, 2015) have questioned the assumption that external review alone is sufficient to ensure rigour of judgement. They stress the need for external reviewers to be not only qualified and experienced but also trained in the process of review. Consequently, the highest level of review noted by Booth et al (2015) and exemplified by the Achievement Matters model involves trained assessors to ensure both quality and calibrated reviews enhancing the reliability and validity of the process.

Table 1: Models of peer review of teaching in Australia

Model	Internal / external	Purpose Formative / Summative	Blind?	Experience / knowledge of reviewers	Against standards?
Peer Review of Teaching (Nash et al., 2014)	Internal	Scholarly reflection on practice and enhancement of student learning through observation of teaching – mostly Formative but may also be Summative	Chosen by reviewee	As determined by reviewee unless specified by institution for summative purposes	As chosen by reviewee or institutional process
HEA fellowships – self accrediting	Internal	Awarding of HEA Fellowships-Summative	No	Existing senior/principal fellows	UK Professional Standards Framework (UKPSF)
Current Academic promotion model	Internal and External	Academic promotion - Summative	Purposeful selection – not blind	Higher level than the candidate	Institutional standards

QVA	External	Maintenance of academic standards - Formative	Blind, randomly assigned	demonstrated understanding of standards	Go8 benchmarks
Achievement Matters	External	Benchmarking of accounting learning outcomes across institutions - Formative	Double blind	Training (calibration) provided	National benchmark standards for accounting
TaLS	External	Assure validity, reliability and comparability of assessment and learning standards in equivalent universities – Formative	Double blind, randomly assigned	Experienced teaching same course in partner university	Home university criteria in the context of the national benchmark standards
Proposed EXPERT model for Academic Promotion	External	Academic promotion - Summative	No	Trained, random selection	Institutional or Australian standards

Currently, the assessment of teaching quality by models such as those employed by the HEA Fellowship and academic promotional practices do not reach the highest level supporting reliability and validity of assessment (Booth et al., 2015). While reviewers in both cases are demonstrably expert teachers, by virtue of their institutional or association status, they are not specifically trained in the reviewing, assessing or moderating of other’s practice. This highlights an apparent gap in the sector’s mission to assure quality of teaching and learning.

The work Crisp and colleagues (2009) on *‘Peer review of teaching for Promotion Purposes’* found that “summative peer review of teaching has the ability to improve both the status and quality of teaching at tertiary level, by encouraging the promotion of exceptional teachers and academics in the scholarship of teaching at all levels” (p.5). Further they suggested that “for peer review of teaching to be successful, peer reviewers must be trained and experienced” (p.5). To date, however, there has been little progress towards establishing a pool of external endorsed and trained experts in teaching and learning who can be accessed by universities to review portfolios against institutional or external criteria for promotion purposes.

This paper proposes a new model for the external peer review of teaching excellence against institutional or externally standards for the purpose of promotion or recognition. The model will be referred to as the **ExPeRT** (External Peer Review of Teaching) model.

2. Challenges

A number of obvious challenges are present in developing the ExPeRT model of peer review for academic promotion and recognition. These include the recruitment of experts, engagement by institutions and the sustainability of the process. Each of these will addressed in turn.

2.1 Identifying and recruiting assessors and establishing a register of ExPeRTs

External peer review processes necessitate the establishment of a community of reviewers that can be accessed to undertake reviews as required. These groups mostly consist of scholars who have

demonstrated qualifications and experience. The groups are variously known by names such as College of Peer Observers (University of Queensland, 2015), Register of experts (TEQSA, 2012), and College of Peers (Peer Review of Assessment Networks, 2015).

The process of identifying potential assessors can be approached in a number of ways. A call for prospective assessors can be made across the sector as is done by TEQSA with applicants supplying their bone fides, and demonstrating of their expertise to undertake the process. Experienced individuals may be invited to join the network of assessors. Existing groups, such as HERDSA, OLT Fellows or CADAD, that already undertake teaching and learning assessment may be asked to nominate potential assessors. The register of ExPeRTs then could be integrated in established frameworks by drawing on existing communities of assessors as a base.

The motivations for individual academics to join the register of ExPeRTs are likely to include a variety of aspects. Included amongst these is the recognition it carries, which is valuable for their own career progression; the professional development and networking opportunities it provides; and the desire to promote quality teaching and learning in the Australian HE sector.

Platforms such as PRAN or Spark Plus®, which is used by the Assessment Matters project, could be utilised to home and manage the ExPeRT group and process.

2.2 Engagement by institutions

For the ExPeRT model to gain acceptance it needs to have buy-in either by individual institutions or by the sector as a whole. To consider why institutions might engage with this model it is useful to examine the value proposition being offered. Currently, institutions frequently struggle to find appropriate assessors for the teaching and learning components of academic portfolios for promotion. Assessors that are identified tend not to be trained through processes of calibration or moderation. It is not unreasonable in these circumstances to question the reliability and validity of judgement.

The EXPERT model of peer review being proposed would provide a ready source of not only experienced but also trained reviewers. The current alternatives fall far short of the proposed model leaving considerable gaps in the sector's quality assurance.

2.3 Sustainability of the process

The proposed ExPeRT model is most likely to be sustainable if adopted by an existing group such as HERDSA, CADAD or OLT Fellows to administer as core business for their association. The provision of this resource could be structured as a fee-for-service business model along the lines of the services offered by the HEA thereby enhancing its sustainability.

3. Characteristics of model

The following characteristics underpin this proposed ExPeRT model of peer review of teaching:

Quality is paramount in the operation of the ExPeRT model. As such reviewers must demonstrate their record in the area of teaching and learning excellence before they can join the register of ExPeRTs.

External review is central to this model, helping support ethical considerations including the reduction of bias in assessments.

Training of assessors is the key characteristic which sets this model apart from existing forms of peer review of teaching. Both initial (calibration) training and ongoing (moderation) processes will be employed to ensure the continued rigour of the model.

Sustainability must be established and ensured to maintain the process as a key component of quality assurance in the Australian HE Sector.

Relevance, such that the peer review process is flexible and fit-for-purpose is paramount. The ExPeRT model will provide reviewers that can rigorously assess teaching and learning quality against a range of criteria.

4 Proposed model for trialling (training) - and training assessors

A pilot training program for the ExPeRT model will be conducted in June with an invited group of academics from across the Australian HE sector. The process that will be considered and trialled will be as follows:

1. Assessors will be invited to attend a half day workshop in Sydney on Tuesday June 27.
2. Participants will be sent de-identified teaching portfolios submitted in support of academic promotion and the criteria against which they should be assessed. Reviewers will be asked to assess the portfolios and submit their assessment.
3. Participants will be able to review others' assessments and compare them with their own at the workshop. (Use of an on-line tool such as SPARK or PRAN would be used so other assessments can be considered prior to the workshop)
4. At the workshop, the procedure undertaken by the Assessment Matters calibration process will be used to bring assessors to a common and agreed position on each portfolio.
5. The workshop will also take the opportunity to gather participants' comments and suggestions for improving the process and supporting its ongoing sustainability.
6. Following the calibration workshop, participants will be sent an additional portfolio to review and submit an assessment for.
7. The variation in assessment following the training will be compared to the spread prior to training.
8. Plans to expand the ExPeRT model for a second round of recruitment and training will be formulated.

Conclusion

The discussion paper has argued the rationale for the establishment of an ExPeRT (External Peer Review of Teaching) model in the Australian higher education context for the purposes of assessing academic promotion and recognition against either institutional criteria or external criteria. The key themes that have arisen for consideration include that 1) the model be based on the principle of quality, which is achieved through the provision of external reviewers who have been trained to ensure a calibrated assessment; 2) the success of the model relies on the individual or collective buy-in of HE institutions and; 3) ownership of the model should be established to ensure its growth and sustainability into the future. If quality teaching and learning in Australian HE is important these themes must be further fostered.

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