



Peer Review

We all know about this.....

Professor Pauline Ross, University of Sydney

National Teaching Fellow.....still



Certification of Quality

Peer Review of grants, publications, promotions at several levels

- Structured for objectivity
- Double blind reviews



May not always

agree

Feedback

- Improved performance
- Different frame -ideas

Peer Review

- Confers judgements which set standards
- Provides benchmark

Peer Everywhere

- Peer Review
- Peer Mentor
- Peer Observation
- Peer Assessment
- Peer College

Prevalent in Conversations

Teaching and Learning

1. Creates supportive environment
2. Leads to improved performance and increased student learning
3. Can build confidence
4. Collaborative shares strategies

ALSO

Evidence



1. Evidence we are more likley to accept

A close-up photograph of a human eye with a light blue iris and a dark pupil. The eye is looking directly at the camera. The surrounding skin is a warm, reddish-brown color. The text "Suspicious Student Evidence" is overlaid in white, sans-serif font across the middle of the eye.

Suspicious Student Evidence

"I filter student evaluation,,,,,,,,,,,,,I spend a lot of time reading the qualitative comments, because to me these are real,,,,,,,,,,,,, it's much easier to get a good score, I believe if you are teaching a field course on the Great Barrier Reef"

Level E, ATN

Evaluation of Units

We can ignore them when they are good and we can ignore them when they are bad.

Reasons for being invalid range from small sample size, difficult content knowledge, charismatic or popular, easy teacher

Several of the 41 academics interviewed as part of the NTF

Lacks reliability

A photograph of a man's head and hand inside a box. The man has a beard and is wearing a red shirt. His hand is resting on a green surface. The box is white and has the text "TRUSTING BLIND PEERS" printed on it in a large, serif font. The text is arranged in three lines: "TRUSTING" on the top line, "BLIND" on the middle line, and "PEERS" on the bottom line. The box is tilted, and the man's head is visible through a cutout in the top. The background is a wooden surface.

Less Suscipientious of Peer Review

A group of men in suits are walking through a crowd of photographers and cameras. The scene is outdoors, possibly at a public event or press conference. The men are dressed in dark suits and ties. One man in the foreground is wearing sunglasses. The crowd consists of several people holding cameras and video equipment, some of whom are taking photos or filming the men. The background shows a building and some trees.

More suspicious of Peer Review in Learning and Teaching compared to Research

Peer Review - Learning and Teaching - Expertise

- Diffuse
- Disconnections
- Discipline

"The reason I want this is we do peer evaluation of research.... I would like us to do a similar thing....."

Peer review has to be somebody external who actually knows about what can be done to and can give you feedback"

Large number of 41 academics interviewed

Problem

- Peer review can be done by

"all research science people"

"they use metrics that they know
and did not have a matrix that
could be applied to me"

How to Build Capacity of Peer Review in the Discipline?

- Informally - this is happening already
- OLT - mostly gone
- HERDSA - still here - weak disciplinary perspective
- HEA UK - developmental - one mechanism - builds reflection and external validation
- National and international conferences

What is the role of Peer Review in teaching and learning?

- What is/Is there the role of ACDS in Peer Review?

Photo Credits

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