



## Innovate: Journal of Online Education

Volume 4

Issue 3 February/March 2008

Article 7

3-1-2008

# Perspective on Certainty-Based Marking: An Interview with Tony Gardner-Medwin

Reid Cornwell

Tony Gardner-Medwin

Follow this and additional works at: <http://nsuworks.nova.edu/innovate>

 Part of the [Education Commons](#)

### Recommended APA Citation

Cornwell, Reid and Gardner-Medwin, Tony (2008) "Perspective on Certainty-Based Marking: An Interview with Tony Gardner-Medwin," *Innovate: Journal of Online Education*: Vol. 4: Iss. 3, Article 7.

Available at: <http://nsuworks.nova.edu/innovate/vol4/iss3/7>

This Article is brought to you for free and open access by the Abraham S. Fischler College of Education at NSUWorks. It has been accepted for inclusion in *Innovate: Journal of Online Education* by an authorized administrator of NSUWorks. For more information, please contact [nsuworks@nova.edu](mailto:nsuworks@nova.edu).

---

## Perspective on Certainty-Based Marking: An Interview with Tony Gardner-Medwin

All exhibits, tables and figures that have remained available have been included as additional content with their respective articles to be downloaded separately. [Click here](#) to return to the article page on NSUWorks and view the supplemental files.

Unfortunately, not all the supplemental files have survived until 2015 and some will be missing from the article pages. If you are an author in Innovate and would like to have your supplemental content included, please email the NSUWorks repository administrator at [nsuworks@nova.edu](mailto:nsuworks@nova.edu).



## **Perspective on Certainty-Based Marking: An Interview with Tony Gardner-Medwin**

by Reid Cornwell and Tony Gardner-Medwin

Perspectives is a multimedia interview series moderated by Reid Cornwell, who talks with leading thinkers about creative uses of information technology tools to enhance the educational process. Each interview is accompanied by an extended reference list for readers who would like to know more.

In this issue, Cornwell talks with Tony Gardner-Medwin about certainty-based marking, a computer-based assessment system that scores answers to objective questions based both on the correctness of the answer and on the student's assessment of his or her certainty that the answer is correct.

### **Viewing Options**

View [small-screen version](#).

View [large-screen version](#).

Play [MP3 file](#) (audio only). To download, please right-click or control-click on the link.

### **Technical Notes**

Perspectives is presented in Windows Media Player. In order to view the interview, you will need to have Windows Media Player 9 or later installed on your computer. Download a free version of Windows Media Player 11.

Apple users may want to download [Windows Media Components for Quicktime](#), a free plug-in that allows Quicktime to play Windows Media Player files.

Please note that this presentation is best viewed over a broadband connection.

### **References**

The Center for Internet Research. 2007. US-CBA for browsers. <http://tcfir.org/lapt/sys/options.cfm> (accessed December 17, 2007).

Gardner-Medwin, A. R. 1995. Confidence assessment in the teaching of basic science. *Association for Learning Technology Journal* 3:80-85. <http://www.ucl.ac.uk/~ucgbarg/tea/altj.htm> (accessed December 17, 2007).

Gardner-Medwin, A. R. 1998. Updating with confidence: Do your students know what they don't know? *Health Informatics* 4:45-46

Gardner-Medwin, A. R. 2006. Confidence-based marking: Towards deeper learning and better exams. In *Innovative assessment in higher education*, ed. C. Bryan and K. Clegg, 141-149. London: Routledge-Taylor

and Francis Group.

Gardner-Medwin, A. R., and N. A. Curtin. 2007. Certainty-based marking (CBM) for reflective learning and proper knowledge assessment. Presentation given at REAP international online Conference on Assessment Design for Learner Responsibility, May. [http://www.ucl.ac.uk/lapt/REAP\\_CBM.htm](http://www.ucl.ac.uk/lapt/REAP_CBM.htm) (accessed December 17, 2007).

Gardner-Medwin, A. R., and M. Gahan. 2003. Formative and summative confidence-based assessment. In *Proceedings of the 7th International Computer-Aided Assessment Conference*, ed. J. Christie, 147-155. Loughborough, UK: Loughborough University. <http://www.ucl.ac.uk/~ucgbarg/tea/caa03.doc> (accessed December 17, 2007).

Issroff, K., and A. R. Gardner-Medwin. 1998. Evaluation of confidence assessment within optional coursework. In *Innovation in the evaluation of learning technology*, ed. M. Oliver, 169-179. London: University of North London. <http://www.ucl.ac.uk/~ucgbarg/tea/elt98.pdf> (accessed December 17, 2007).

University College London. 2007. LAPT: UCL home of certainty-based marking. <http://www.ucl.ac.uk/lapt/index.htm> (accessed December 17, 2007).

## COPYRIGHT AND CITATION INFORMATION FOR THIS ARTICLE

*This article may be reproduced and distributed for educational purposes if the following attribution is included in the document:*

**Note:** This article was originally published in *Innovate* (<http://www.innovateonline.info/>) as: Cornwell, R., and T. Gardner-Medwin. 2008. Perspective on certainty-based marking: An interview with Tony Gardner-Medwin. *Innovate* 4 (3). <http://www.innovateonline.info/index.php?view=article&id=552> (accessed April 24, 2008). The article is reprinted here with permission of the publisher, [The Fischler School of Education and Human Services](#) at [Nova Southeastern University](#).

*To find related articles, view the webcast, or comment publically on this article in the discussion forums, please go to <http://www.innovateonline.info/index.php?view=article&id=552> and select the appropriate function from the sidebar.*