

## NATIONAL FORUM ON EDUCATION IN BIOMEDICAL SCIENCES

**Tuesday 11<sup>th</sup> December 2007 – Monash University, Clayton, Victoria  
South 1 Lecture Theatre, Building 64**

8.15 - 8.45 am	Registration
8.45 - 9.00 am	Welcome and Introduction by the Dean, Steven Wesselingh (Monash) (Chair: Phillip Nagley, Monash)
9.00 - 10.45 am	<p><b>Theme: Concepts and Learning (Chair: Tony Luff, Monash)</b></p> <p><i>The multifaceted nature of conceptual understanding in molecular life science – Trevor Anderson (University of KwaZulu-Natal, South Africa)</i> <b>Keynote speaker</b> - 45 min plus 15 min discussion</p> <p><i>An integrated self-directed Biomedical Science learning system: Michelle Siow and Elaine Yew (Republic Polytechnic, Singapore)</i> - 35 min plus 10 min discussion</p>
10.45 - 11.15 am	Morning tea break
11.15 - 1.15 pm	<p><b>Theme: Graduate attributes and employability (Chair: Will Rifkin, UNSW) –</b> each presentation is 20 min plus 10 min discussion</p> <p><i>Addressing graduate attributes through a degree course – Simon Barrie (University of Sydney)</i></p> <p><i>Approaches to the programmatic development of communication skills in the biomedical sciences – Phillip Poronnik (University of Queensland)</i></p> <p><i>Teaching laboratory skills for undergraduates – but which ones and how? – Carolyn Jones (Murdoch University)</i></p> <p><i>Efficacy of new multimedia teaching technologies – Gregor Kennedy (University of Melbourne)</i></p>
1.15 - 2.15 pm	Lunch
1.45 – 2.15 pm	<p><b>Sponsored presentation from Pearson Education Australia</b></p> <p><i>MasteringBiology: the most advanced, educationally effective online homework and tutorial system in the world (Gerald Cai)</i></p>
2.15 - 3.30 pm	<p><b>Breakout sessions (Organiser: Yvonne Hodgson, Monash)</b></p> <ul style="list-style-type: none"> <li>- 6 groups; facilitators will be the 6 speakers, one per group;</li> <li>- 60 min discussion plus 15 min to prepare report.</li> </ul> <p><i>What should be the balance between theory, laboratory work and IT skills?</i></p> <p><i>What is the set of core concepts and learning in Biomedical Science courses?</i></p> <p><i>Where do we think our graduates go and do we need to know?</i></p>
3.30 - 4.00 pm	Afternoon tea break
4.00 - 5.00 pm	Report from breakout groups (Chair: Janet Macaulay, Monash)
5.00 - 5.30 pm	<p><b>The shape of Biomedical Science Education in the future.</b> (Chair: Lesley Lluca, University of Queensland)</p> <p>Should there be new national initiatives in biomedical education? Is there a need for a national wiki page (publicly editable webpage) as a continuing national forum on biomedical education?</p>

**Organisers: Phillip Nagley, Yvonne Hodgson, Janet Macaulay (Monash University)**