



Ref. No.
For official use only

**Projects on Promoting Outcome-Based Approaches in Student Learning
2007-08
Application for OBA Funding**

PART I: General Information

1. Title

Professional programme outcomes of BSc (Hons) in Physiotherapy: review and assessment

2. Name(s) of Applicant(s)

Project Leader

Name	Dept	Post	Groupwise	Ext.
Joseph Ng	RS	Program Leader (Physiotherapy) and Associate Professor	rsjoseph@polyu.edu.hk	6765

Team Member(s)

Name	Dept	Post	Groupwise	Ext.
Grace Szeto	RS	Clinical Education Coordinator and Assistant Professor	rsgszeto@polyu.edu.hk	6706
Stephanie Au-Yeung	RS	Deputy Clinical Education Coordinator and Assistant Professor	rssay@polyu.edu.hk	6707
Gladys Cheing	RS	DLTC member and Associate Professor	rsgladys@polyu.edu.hk	6738

3. Total funding requested

4. Expected duration of project: 12 months

Proposed commencement date: Sept 2008

Expected completion date: Aug 2009

PART II: DETAILS OF PROPOSAL

1. Project objectives and significance

(What are your objectives in initiating this project? How does it align with institutional goals and targets in implementing outcome-based approaches in student learning?)

The objectives of the project are as follows:

1. To review the programme outcomes of BSc (Hons) in Physiotherapy with reference to international benchmark and expectations of stakeholders including statutory governing body.
2. To generate a curriculum map that reflects the holistic perspectives of intended learning outcomes to be taught and assessed in the programme.
3. To develop curriculum-embedded assessment to assess the professional programme outcomes.

The results of this project would support the alignment of the programme outcomes with the expectations of stakeholders including statutory governing body. The competence of our graduates will be updated with reference to international benchmark. In addition, the learning outcome of each subject and the alignment of subject assessment with programme outcomes will be reviewed. The assessment of programme outcomes is a very important step towards the successful implementation of outcome-based education.

2. Target users

(Who are the intended users of the 'deliverables' of the project – faculties / departments management or programme/subject teams or students?)

The intended users of the 'deliverables' of the project will be the management team of the Department of Rehabilitation Sciences, Departmental Learning and Teaching Committee, program leader, all subject leaders and teaching teams and the physiotherapy undergraduate students.

If the target users are students, complete the table below:

Programme/ subject code	Programme/subject title	Credit units	Mode of study	Student intake quota per year
51056	BSc (Hons) in Physiotherapy	110	Full time	60

Please insert rows in the table if more space is required for additional information.

3. Outcomes and deliverables

(a) Major outcomes and deliverables

(What will be the major outcomes and deliverables of the project?)

	Major outcomes and deliverables with descriptions
(a)	An updated version of professional programme outcomes will be developed in line with international standards as well as the requirements of statutory governing body and other stakeholders.
(b)	A curriculum map will be produced which gives a holistic view of the degree that each intended learning outcome will be taught and assessed in the programme.
(c)	Course-embedded assessment for the evaluation of programme outcome will be developed and piloted.

Please insert rows in the table if more space is required for additional information.

(b) Plan for developing and piloting / implementing the deliverables

(Detail the plan and procedures that you will adopt to develop and pilot/ implement the outcomes and deliverables. Also specify the dates of the pilot / implementation period)

The physiotherapy programme has a set of programme outcomes which reflect the professional competence of beginning physiotherapists. There are outcomes assessments on individual subject basis, but a comprehensive assessment for the whole programme has not been in place. As the programme will undergo accreditation by statutory governing body i.e. Physiotherapists Board, there is an urgent need to review and update the programme outcomes and more importantly to show whether each of the programme outcomes is achieved.

The project will be conducted in 3 stages:

1. Questionnaire surveys and interviews will be undertaken to revise the programme outcomes. The sample will be drawn from various stakeholders, such as the Hospital Authority, non-governmental organisations, private hospitals and clinics as well as emerging practices. In addition, during the revision process, reference will be made to the international benchmark such as Standards of Physical Therapy Practice of The World Confederation for Physical Therapy.

2. Mapping the intended learning outcomes, and aligning with teaching, learning and assessment of the subjects to the programme outcomes so as to ensure attainment of programme outcomes. The programme leader will lead a working group involving all subject leaders of the BSc (Hons) in Physiotherapy programme to appraise various subject assessments and their alignment with the programme outcomes.

3. Course-embedded assessment will be developed and a pilot test will be carried out with the participation of clinicians. Course-embedded assessment method involves the development and gathering of student data based on questions placed in course assignments. The students' responses will be evaluated to determine whether or not the students are achieving the prescribed programme outcome. The evaluation will involve both the subject leaders and the adjunct teaching staff who are expert clinicians in the clinical settings.

Planned pilot / implementation period of the deliverables:

Start Date (dd/mm/yyyy): Jan 2009

End Date (dd/mm/yyyy): Aug 2009

4. Dissemination and sharing plan

(How are you going to disseminate and share the outcomes and deliverables of your project?)

A written report will be produced after the project. Seminars, workshops and meetings will be organized for all subject leaders and team members to discuss about the findings so that academic staff members will have deeper understanding of outcome-based education and to implement outcome-based approaches in actual teaching activities.

5. Evaluation plan

(How do you plan to evaluate the effectiveness of the project, particularly its impact on the implementation of outcome-based approaches in student learning in the PolyU?)

The programme learning outcomes will be reviewed by stakeholders before it is put forward for endorsement in the programme committee. There will be changes in the curriculum and learning and teaching methods if specific learning outcomes are not adequately addressed in the subjects. For the pilot study on the course-embedded assessment, peer review and focus group discussions will be used for evaluation.

6. Impact

(How will the project contribute to the success of the implementation of outcome-based approaches in student learning in the PolyU/ department/ programme/ subject?)

This project is very important for the coming validation of the BSc (Hons) in Physiotherapy programme by the Physiotherapists Board. The outcome of this project should show the evidence that the physiotherapy curriculum could meet the expectations of various stakeholders. The data about competence level of the graduates would be useful in further improving and developing the curriculum of the programme. In addition, through the review of programme outcomes and curriculum mapping, the awareness and commitment to outcome-based education of individual staff members would increase. This will certainly have impact on the successful implementation of outcome-based education in the programme.

7. Target date(s) for submission of progress and completion reports

	Planned submission date (mm/yyyy)
1. Progress report <i>(for projects whose duration lasts more than 1 year; to be submitted mid-way through the proposed project period)</i>	
2. Completion report <i>(to be submitted within 3 months after the project completion date)</i>	<u>11/2009</u>

PART III: BUDGET OF PROPOSAL

***Important Notes**

1. Funding requests for equipment and/ or software will be considered only if:
 - a. the equipment / software is essential to the successful implementation of the project, AND
 - b. it is not available in the department concerned. The Project Leader has the responsibility to check this out.
2. The purchasing policies and procedures of FO must be followed for the procurement of approved items.
3. Funding request for conference attendance will not be considered.

Project Leader


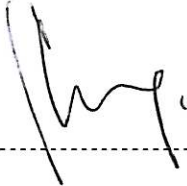
Name: JOSEPH NG Signature: *Joseph Ng*
(in block letters)

Dept: Rehabilitation Sciences Date: ..31 Jan 2008..

PART IV: DEPARTMENTAL ENDORSEMENT

Endorsement by Chair of FLTC/ DLTC:

Comments on the proposal:

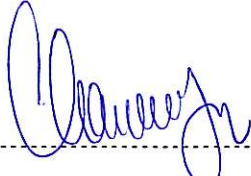
Name:  Signature:  Date: 1 Feb 2008
(in block letters)

Endorsement by Dean/ HoD:

Comments on the proposal:

By endorsing this proposal, I agree that:

1. The proposal suitably addresses the School/Department's needs in promoting and implementing outcome-based approaches in student learning and will be considered as part of the School's/Department's Business Plan.
2. The School/Department will receive a funding as calculated for item (e) in the Budget section which I will use for providing the time release recommended by the project proposers, based on the Total Workload Model, to support them to work effectively on the project.

Name: PROF. CHETWYN CHAN Signature:  Date: 1 February 2008
(in block letters)

Please return this form to Miss Miranda Fung, Secretary of Working Group on Outcome-based Education,
c/o Educational Development Centre
by 31 January 2008

Supplement to OBA Funding proposal “Professional programme outcomes of BSc (Hons) in Physiotherapy: review and assessment”

Justifications for educational consultant and notebook computer

1. Educational consultant

An experienced educator, who is an expert in outcome-based education and health sciences, will be invited to be the educational consultant. The consultant will work closely with the programme leader and the chairman of DLTC to review on the current professional programme outcomes and learning and teaching approaches. In addition, the consultant will meet with colleagues from EDC to gain a holistic view of the outcome-based education in PolyU.

The consultant will arrange meetings with various stakeholders, such as Hospital Authority, non-governmental organisations, private hospitals and clinics as well as emerging practices. The information will be collected via interviews with various stakeholders regarding the professional demands and competence for physiotherapist. The consultant will then work out proposals and recommendations to the head of department and programme leader regarding the review of professional programme outcomes and the alignment of the programme outcomes with the expectations of stakeholders.

The period of consultation will last for around 3 months.

2. Notebook computer

A notebook computer is required for on-site input of interview data and recording by the educational consultant and project associate. In addition, the notebook computer will be used for data and survey analysis.

In our department, there are spare desktop computers for the educational consultant and project associate. However, no notebook computer is available for loan at the present moment or in the near future.