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**TRANSFORMING HIGHER
EDUCATION**

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Transforming higher education

In this short presentation I want to suggest that it is students' learning that is fundamental to higher education. I will then briefly outline some areas in which higher education might be transformed so as to emphasise student learning.

Higher education, I would suggest, is first and foremost about the enhancement and empowerment of students as participants in a process of learning. Research and scholarship, training, social criticism and community relationships are all important aspects of the multi-dimensional mission of universities, but it is the learning of students that is central.

The world, as we are constantly being told, is changing rapidly (UNESCO, 1995). Higher education has a key role in providing the change agents for the future. Higher education should provide a transformative experience for students, so that they can, themselves, take a leading role in transforming society. This leads me back to the intended double-meaning in my title: higher education must, I contend, itself be transformed if it is to be successful as a transformative process (Harvey and Knight, 1996).

Let me suggest some ways in which higher education might be transformed.

- Shift from teaching to learning.
- Develop explicit skills, attitudes, and abilities as well as knowledge.
- Develop appropriate assessment procedures.
- Reward transformative teaching.
- Encourage discussion of pedagogy.
- Provide transformative learning for academics.
- Foster new collegiality.
- Link quality improvement to learning.
- Audit improvement.

I will deal with each of these in turn, some very much more briefly than others, merely pointing to the sort of transformation that might take place.

From teaching to learning

The key to that transformation is to reconceptualise the learning process. To move the emphasis from teaching to learning in higher education. To see students as participants in a process — participants to be enhanced and empowered:

- enhanced through the provision of an educational experience that enables the development, and continued improvement, of the knowledge, abilities and skills of students;
- empowered not just to select their own curriculum, nor to monitor the quality of the service they are provided, nor even to construct their own learning contracts — as valuable as all these things are — but empowered as critical, transformative learners.

Crucial for transformative higher education is empowerment through the development of students' critical ability, that is, their ability to *think and act in a way that transcends taken-for-granted preconceptions, prejudices and frames of reference*. (Critical thinking is not to be confused with 'criticism', especially the common-sense notion of negative criticism.)

Developing critical ability is about students having the confidence to assess and develop knowledge for themselves rather than submitting packaged chunks to an assessor who will tell them if it sufficient or 'correct'. An approach that encourages critical ability treats students as *intellectual performers* rather than as compliant audience. An approach that encourages critical ability transforms teaching and learning into an active process of coming to understand. It attempts to empower students not just as 'customers' in the education process but for life (Harvey and Burrows, 1992).

Transformation is not just about adding to a student's stock of knowledge or set of skills and abilities. At its core, transformation, in an educational sense, refers to the evolution of the way students approach the acquisition of knowledge and skills and relate them to a wider context.

Developing graduate attributes

Higher education develops a variety of attributes in students apart from providing them with a body of academic knowledge. However, there are four problems with the way we operate in HE:

- non-knowledge-based attributes are rarely made explicit — graduates often do not know how good they are;
- subject knowledge is over-emphasised, to the point that once final examinations are over students often think they have finished learning, rather than just started learning for life;
- students have to develop non-knowledge-based attributes for themselves, academics are often not good at teaching or facilitating the learning of such attributes;
- when knowledge, skills, abilities, and attitudes are explicitly addressed within higher education they are often viewed in isolation (a reductionist model), seen as

add-ons, and things that can be acquired (through a single training event) rather than continuously developed.

It is, however, a mistake to think that employers want higher education graduates *trained* for their benefit. On the contrary, if they merely want trained personnel they can get them a lot cheaper than by employing graduates. Employers want graduates who are going to take a risk, who are bright and challenging, who can not only deal with change but can lead change.

The ideal candidate would probably have a 2:1 from an absolutely cracking university who is the leader in their field. In addition they will probably have more than two languages, they will probably be captain of rugby or chairman of, say, the Rag Committee, and they will have run a Student Helpline. And, I mean, its just terrifying, there *are* people like this around. (Harvey, Moon and Geall, 1997)

It is important that academics in universities move away from overemphasising the content of courses at the expense of developing an explicit range of attributes: skills and abilities as well as knowledge.

If higher education is to play an effective role in education for the 21st century then it must focus its attention on the transformative process of learning. A prime goal should be to transform learners so that they are able to take initiative, work with independence, to choose appropriate frameworks of reference, while being able to see the limitations of those frameworks and to stand outside them when necessary.

To be an effective transformative process, higher education must itself be transformed so that it produces transformative agents: critical reflective learners able to cope with a rapidly changing world.

Appropriate assessment of students

Assessment of students is a powerful tool in developing learning strategies, if, for example, assessments can be expedited through the adoption of surface techniques (e.g., memorising facts) then the learning is likely to be superficial, lacking a depth of understanding (Entwistle and Ramsden, 1983; Brown and Knight, 1995).

Higher education, I suggest, needs to develop assessment procedures that encourage transformative learning and facilitate the empowerment of the learner. A 'quality' assessment system might include the following features:

- clear curriculum aims;
- transparent expectations of outcomes understood by staff and students;
- assessment of a range of integrated learning outcomes;
- assessment methods should be valid measures of the intended learning outcomes;

- multiple assessment methods to assess multiple aims;
- students must get *useful* feedback on their work;
- assessment data should inform the processes of continuous quality improvement of learning.

Rewarding transformative teaching

I would like to see a lot more effort go to encouraging and rewarding transformative teaching — that is, teaching that is planned to bring about learning. Such teaching is a significant element in promoting transformative higher education. Far too often the situation is that reward is inversely related to the amount of time spent teaching:

The average faculty salary ranged from a low of \$34,307 for those who spent more than 70 percent of their time on teaching to a high of \$56,181 for faculty who spent less than 35 percent of their time on teaching. (Ratcliff and associates, 1995, p. iv)

Some institutions are taking teaching seriously in promotion to professorship but those that require explicit, high-level teaching competence are rare. One such is the University of Otago (1995), where the promotion criteria for applicants for professorship are that candidates should demonstrate at least high level competence, and preferably outstanding leadership in teaching, assessment and curriculum development.

However, it is not just establishing a process of rewarding ‘good’ teaching. On the contrary, as I have argued, there is a need to reward good learning facilitation. A key element of this relates to the feedback given to students for assessed work. As students invest considerable effort in assessed work, transformative teaching would, among other things, provide meaningful and varied assessment tasks, clear criteria against which assessments are made and *useful* feedback to students on assessed work.

Transformative learning for academics.

University academics are rarely trained teachers. In the main they learn ‘on the job’. As such they tend to perpetuate traditional methods: not least lecturing with an emphasis on subject content. They are often ill-equipped to facilitate learning and usually have had no help in developing students skills and abilities beyond those required to assimilate and reproduce knowledge.

It is time we took a professional approach towards the development of academics as facilitators of a range of skills and abilities as well as knowledge. We need to provide professional development that contains the possibility of *transformative learning for academics* — that, among other things, encourages a shift from teaching to learning.

However, it is crucial, that professional development is projected as positive and enhancing in response to new challenges, rather than as negative and remedial — a reaction to old failings!

Discuss pedagogy

It is important that pedagogy is a subject that is openly discussed, debated and developed. It is important, for a transformative higher education, that culture conducive to open discussion of pedagogic processes is encouraged. It is important to overcome the dominant view that sees teaching as a private affair between consenting adults — a member of staff and his or her students.

There are various ways of encouraging such a process, not least by developing a general culture of quality improvement. Management can facilitate this by :

- setting the parameters within which the quality improvement process takes place;
- establishing a non-exploitative, suspicion-free context in which a culture of quality improvement and pedagogic innovation can flourish;
- establishing and ensuring a process of continuous improvement;
- disseminating good practice through an effective and open system of communication;
- encouraging and facilitating team working amongst academic and academic-related colleagues;
- delegating responsibility for quality improvement and pedagogic innovation to staff and students.

Foster new collegiality.

In taking these steps higher education management can also foster a climate of *new collegiality*. It is, I would argue, a mistake to adopt the consumerist rhetoric in relation to higher education. Higher education is not a product or service to purchased. It is a process in which people participate. A crucial element of that process is engagement and dialogue, an exchange of knowledge, views and experiences. In short, higher education is at heart a collegial process.

However, universities can no longer retreat into an autonomous collegialism: a revived cloisterism. They must balance autonomy with the political requirements of accountability and a renewed sense of responsibility to stakeholders, not least students.

At the risk of developing a false dichotomy, allow me to briefly characterise cloisterism and new collegialism (Harvey, 1995).

Cloisterism places primary emphasis on academic autonomy. It emphasises the absolute right of the collegial group to make decisions relating to academic matters,

regards the integrity of members as inviolable (except where exceptionally challenged from within), and considers the role of the group as that of developing and defending its specialist realm, which is usually discipline-based.

Cloisterism tends to be staff-directed, producer-oriented and research-dominated. It relates to the internal concerns of the group and sees students as novices to be initiated into the mysteries of the discipline. It is effectively inward-looking. The knowledge it possesses is revealed incrementally and according to the dictates of the self-appointed 'owners'. The skills and abilities it expects students to develop are often implicit and obscure. Sometimes what is expected of students is deliberately opaque and shrouded in mystifying discourse.

New collegialism, although sceptical of managerialism, has an outward-looking approach. It sees the collegial group as the forum for academic decision-making but is prepared to enlarge that group to allow discourse and negotiation with significant others, not least students. It emphasises accountable professional expertise rather than the inviolable academic integrity. It perceives its role as one of widely disseminating knowledge and understanding through whatever learning-facilitation and knowledge-production processes are most effective.

New collegialism is responsive to changing circumstances and requirements. It is learning-oriented. It focuses on facilitating student learning rather than teaching, and explicitly encourages the development of a range of skills and abilities. It prefers transparency to obfuscation. It values team work.

Of course, these characterisations are rarely so clear-cut nor evident in practice. They represent two ends of a continuum, and are summed up in Table 1.

Table 1: Comparison of cloisterism and new collegialism

<i>Cloisterism</i>	<i>New collegialism</i>
Secretive	Open
Isolationist	Networking
Individual	Team work
Defensive	Responsive
Traditional approach	Innovative
Producer-oriented	Participant-oriented
Clings to power	Empowering
Wary of change	Welcomes change
Elitist	Open access
Implicit quality criteria	Explicit quality criteria
Information provider	Facilitates active learning

Link quality improvement to learning

At a system level, we need to shift emphasis from quality as accountability to *quality as transformation* — linking quality improvement to learning.

Transformation is dependent on the dialectical interrelationship between the individual academic and the higher education system, mediated by the institutional infrastructure, cross-cut by disciplinary allegiances. This complexity comes to the fore when we consider two issues that currently loom large in higher education:

- quality;
- innovation in pedagogy.

They are important, internationally, because of the impact of increasing student numbers and decreasing levels of resourcing, of increasing demands being laid on higher education to ensure economic competitiveness in a global market and pressure to ensure internationally comparable standards of courses.

Yet there is little evidence that quality monitoring and innovations in teaching and learning are pulling in the same direction. At the institutional level, quality monitoring procedures and innovation in teaching and learning interface, if at all, through the dissemination of good practice.

External quality monitoring (EQM), the form in which quality is most readily made tangible, makes no attempt, in most countries, to encourage quality learning. On the contrary it tends to be conservative, driven by accountability requirements.

I would not wish to deny that such accountability *can* lead to reform of teaching, learning and the curriculum. However, it is not a *direct* influence on the quality of learning nor is it likely to have a *sustained* impact. Indeed, EQM ought to carry a health warning. Accountability may damage learning by diverting academic staff's attention away from the improvement of learning, to compliance with the bureaucratic imperative and to attempts to improve performance on indicators that are, at the very best, poor operationalisations of learning quality.

I doubt I would be accused of being overly cynical should I harbour the suspicion that accountability procedures are underpinned by an imperative to make higher education more cost-efficient, rather than to improve the quality of learning.

However, research has suggested that key stakeholders in higher education (students, graduates, teachers, administrators, employers) have a definite view that quality is related to the learning process (Harvey, 1993). That is not to say that they are unmindful of funding considerations, but rather to observe that, for them, the test of quality lies in the experiences of learning.

Students and staff emphasise the process of learning, while employers and graduates emphasise desirable outcomes. The two are not incompatible, nor, indeed, do employer preferences pose any threat to the academic integrity of degree courses or to academic freedom. The qualities that employers seek are ones that can be advanced by using certain ways of working within degree programmes and by ensuring that a good range of learning activities is provided.

In the end, this approach requires structured encouragement of a process of continuous quality improvement driven by those who can make an impact at the staff-

student interface. In short, it requires a process of improvement that is owned and controlled from the bottom-up but inspired and monitored from the top-down.

Audit improvement.

In most countries there is a need to move from assessing provision to *auditing improvement*. You can build this in from the outset in Sweden. In countries like Britain, we need a more forward looking, less burdensome approach. My own institution, University of Central England in Birmingham is faced with a plethora of internal and external quality and standards processes involving an enormous network of information flows.

I would like to suggest a simple system of external quality monitoring (EQM) that places emphasis on a process of continuous improvement driven by the people who can effect real change—the teachers, students and learning support staff.

What might this look like? First, we need to make a clear distinction between quality and academic standards. Academic standards should remain the preserve of academics within institutions supported, where appropriate by external examiners and professional and regulatory bodies. Second, quality should be subject to a single system. One that *audits continuous improvement* rather than assesses existing provision or procedures.

Research, discussion and anecdote from around the world illustrates that the most significant element of existing EQM methodologies is self-assessment, which promotes a process of open, responsive collegial reflection on purpose, procedures and practice (Karlsen and Stensaker, 1995; Rasmussen, 1995; Rear, 1994; Rovio-Johansson and Ling, 1995; Saarinen, 1995). This element, more than such things as peer review and statistical indicators, offers the basis for a bottom-up process of continuous quality improvement (CQI) combined with top-down internal and external audit.

The key to a new approach is to identify meaningful teams operating at the learner-teacher interface. These teams should own and set a continuous improvement agenda. Each team, for example a group of staff teaching a ‘course’ along with student representatives, would set a quality improvement agenda. Rather than the typical course annual report — a retrospective account, written by a tired course director at the end of an academic year that gets filed away and forgotten until the next report has to be written — the continuous quality improvement agenda would be a team-written document at the start of the year identifying not what had happened but what *improvements* will be made in the forthcoming twelve months. Each year the effectiveness and outcomes of last year’s improvements strategy would be evaluated and a new twelve-month strategy initiated.

Each team-based CQI agenda would be subject to a 360-degree review by the appropriate dean or head of services, by students and by other teams within the same faculty. This process of 360-degree review would lead not only to the projection of sensible and manageable strategies for improvement but also act as a check on the veracity of improvement claims.

A central internal quality monitoring (IQM) unit collates the reports (including, if appropriate one from the deans and heads of services acting as a middle-management team, subject to a similar 360 degree review). Where there may be concern about the veracity of any report, they should undertake an audit using whatever procedure is appropriate to confirm the content. The unit may also wish to undertake periodic or random audits. A university-wide overview and improvement strategy (including long-term plans), produced by a senior management team including the vice-chancellor, would be added to the team reports and the composite document would constitute the university quality report.

This would be the sum total of the quality documentation produced by the institution on an annual basis. EQM would then involve an audit of this quality report in much the same way that the financial accounts are audited. This may occur on an annual, periodic or random basis. Such audits may include inspections, peer review, reference to documentation or statistical indicators as appropriate but would focus entirely on improvement agendas and would comment on the veracity of claims, the appropriateness of the strategy and highlight good practice. The institution quality report and the audit report would be published documents.

This process is simple, emphasises continuous improvement, places the onus on those who can affect change, and gives them ownership and control while engendering a responsive and responsible approach. Accountability approaches have been successful in initiating a quality culture, it is now time for a quantum leap into a new improvement-led approach that will be sustainable in the diverse and radically different system of higher education in the 21st Century.

References

- Brown, S. and Knight, P. (1994) *Assessing Learners in Higher Education*. London: Kogan Page.
- Entwistle, N. and Ramsden, P. (1983) *Understanding Student Learning*. London: Croom Helm.
- Harvey, L. (ed.) (1993) *Quality Assessment in Higher Education: Collected Papers of the QHE Project*. Birmingham: QHE.
- Harvey, L. (1995) 'The new collegialism: improvement with accountability', *Tertiary Education and Management*, 2 (2): 153–60.
- Harvey, L. and Burrows, A. (1992) 'Empowering students', *New Academic*, Summer, 1992, p. 1ff.
- Harvey, L. and Knight, P. (1996) *Transforming Higher Education*. Buckingham, Open University Press and Society for Research into Higher Education.
- Harvey, L., Moon, S., Geall, V. with Bower, R. (1997) *Graduates' Work*. Birmingham, CRQ/AGR.
- Karlsen, R. and Stensaker, B. (1995) 'Between governmental demands and institutional needs: peer discretion in external evaluations—what is it used for?', paper presented at the 17th Annual EAIR Forum, *Dynamics in Higher Education: Traditions Challenged by New Paradigms*, Zurich, Switzerland, 27–30 August 1995.
- Rasmussen, P. (1995) 'A Danish approach to quality in education: the case of Aalborg University' paper, with additional comments, presented at the Organisation for

- Economic Co-operation and Development (OECD), Programme on Institutional Management in Higher Education (IMHE) Seminar, at OECD, Paris, 4–6 December, 1995.
- Ratcliff, J. L. and associates (1995) *Realizing the Potential: improving postsecondary teaching, learning and assessment*. Pennsylvania: National Center on Postsecondary Teaching, Learning and Assessment.
- Rear, J. (1994) 'Institutional responses in British higher education' in Westerheijden, D., Brennan, J. and Maasen, P. (Eds.), *Changing Contexts of Quality Assessment: Recent trends in West European Higher Education*, Utrecht: Lemma, pp. 75–94.
- Rovio-Johansson, A. and Ling, J. (1995) Comments on the experiences of one university in the CRE programme of institutional evaluation at the Organisation for Economic Co-operation and Development (OECD), Programme on Institutional Management in Higher Education (IMHE) Seminar, at OECD, Paris, 4–6 December, 1995.
- Saarinen, T. (1995) Systematic higher education assessment and departmental impacts: translating the effort to meet the need, *Quality in Higher Education*, 1 (3): 223–234.
- United Nations Educational, Scientific and Cultural Organization (UNESCO) (1995) *Policy Paper for Change and Development in Higher Education*. Paris: UNESCO.
- University of Otago (1995) *Academic Staff Promotions, 1996*, Memorandum to Assistant Vice-Chancellors, Deans and Heads of Departments from Stephen Gray, Staff Registrar, Appendix 1, *Criteria for Staff Promotion*, Schedule 11, 15 May 1995. Dunedin: University of Otago.

Note: Elements of this paper are developed in much more detail in: Harvey, L. and Knight, P. T., 1996, *Transforming Higher Education*. Buckingham, Society for Research into Higher Education (SRHE) and Open University Press.