



Professional Doctorate Awards in the UK

Kathryn Brown and Carlton Cooke



UK Council *for* **Graduate Education**



First published in 2010 by the
UK Council for Graduate Education

Contents



Foreword.....	5
1 Introduction.....	6
2 The Professional Doctorate	6
3 Methodology.....	7
4 Limitations.....	8
5 Response Rate.....	8
6 Survey Findings	8
6.1 Nomenclature	8
6.2 Patterns of Professional Doctorate	9
6.3 Professional Doctorate programmes.....	9
6.4 Subject groupings of all professional doctorates.....	10
6.5 Break down of individual subject areas 2009	11
7 Conclusion	25
8 References.....	27
Appendices.....	28
Appendix 1 Assistance from Institutions.....	28
Appendix 2 List of UKCGE Member Institutions	30

List of tables

Table 1 Number of professional doctorate programmes.....	9
Table 2 Professional doctorates: Education, Business and Engineering.....	10
Table 3 Professional doctorates in specific subject groupings for 2009 and 2005	11
Table 4 Health, Social and Health Science.....	12
Table 5 Psychology/Counselling	14
Table 6 Business, Finance, Management and Tourism	16
Table 7 Education	17

Contents

Table 8	Medicine	18
Table 9	Engineering	19
Table 10	Counselling/Psychotherapy.....	20
Table 11	Social Sciences.....	21
Table 12	Arts/Architecture and the Built Environment	22
Table 13	Theology and Ministry.....	22
Table 14	Professional Doctorate	23
Table 15	Computer Sciences	23
Table 16	Veterinary Medicine.....	24
Table 17	The number and type of professional doctorate awards planned	25

List of figures

Figure 1	The number of universities offering different professional doctorate awards	24
----------	---	----



Foreword

This report was prepared by Kathryn Brown with support from Carlton Cooke, both from Leeds Metropolitan University. Kathryn is a serving member of UKCGE's elected Executive Committee. This report follows a survey of the Council's member institutions. Its main purpose was to provide an update on developments in the area of Professional Doctorates following a similar exercise carried out for the first time in the UK by the Council some five years ago. This new report shows that there have been considerable developments in the Professional Doctorates arena in the last five years with not only an approximate 30% increase in the number of programmes but also an expansion in the range of specialised subject areas in which such programmes are available. It is clear that this diversification has led to increasing confusion for both types of prospective consumers (students and employers) of these awards. This report argues that the time may have arrived when some simplification and standardisation of the nomenclature used across the sector is called for and makes a sensible proposal for how this might be achieved.

To enable the report to include up-to-date information the questionnaire on which it is based was sent to all UK Council member institutions. The Council would like to thank all those who responded as their responses have contributed to the compiling of what I believe is a definitive survey of the current position with regard to Professional Doctorates in the UK.

Professor Malcolm McCrae

Chair, UK Council for Graduate Education
May 2010

For further information about the UK Council and its activities, please contact:

The Principal Officer
UK Council for Graduate Education
Lichfield Centre
The Friary
Lichfield
Staffordshire WS13 6QG

T: 01543 308602
F: 01543 308604
E: ukcge@ukcge.ac.uk
www.ukcge.ac.uk

A list of the Council's publications is given at the back of this book.

1 Introduction

The purpose of this report is to give an informed update on the position in the UK of the professional doctorate. From previous literature and the survey undertaken by the Council in 2005 there appears to be an upward trend in the number of awards across the institutions in the UK. However, there is no substantial research into this growth, whether the awards on offer are 'fit for purpose' or 'good value' for the institution or prospective student, or if they add a competitive edge to the UK's postgraduate portfolio. There appears to be no established framework or resource to assist institutions in the decision as to whether or not the award they are launching is available elsewhere and if it is what numbers are currently studying on it. The QAA Code of Practice includes the professional doctorate with all other doctoral awards and hence helps little in the specification of the individual award. The Department of Business, Innovation and Skills (BIS) is undertaking a review of postgraduate education in the UK at the time of writing, through a process of open consultation with a deadline of 18th December 2009. The themes under consideration relating to the value, diversity of provision and the relationship between doctoral study and business may impact on the further development of the professional doctorate.

The UK Council for Graduate Education (UKCGE) in 2005 undertook a survey into the professional doctorate award. The conclusions from this initial survey highlighted the diversity of professional doctorates on offer in the UK, an increasing proliferation of titles and little standardisation of nomenclature of awards. There was also an indication that within the award titles there was still a dominance of the subjects of Engineering, Education and Business, whilst other subject areas failed to attract cohorts of students. Therefore, in 2009, four years after the initial survey the UKCGE felt it timely to revisit the data and undertake a second survey of its member institutions. This new survey builds on the already documented data and establishes the current position of professional doctorates and offers, where possible, meaningful comparisons with the position reported in 2005.

2 The Professional Doctorate

Typically the professional doctorate has been purposefully adapted to suit doctoral level study in a professional field rather than academia per se. Therefore, these awards attract students who are working in a professional environment to further develop their skills, knowledge and professional practice. Additionally they play an important role in increasing collaborations between universities, business and industry and hence make a contribution to the UK's economic growth. The professional doctorate has elements of taught provision and is normally delivered to cohorts of students rather than for the individual which remains the case for the traditional PhD. Green and Powell (2005) noted that the three main areas of Engineering, Education and Clinical Psychology were the first to have professional doctorates, whilst Business and Nursing had also developed the awards. From these distinctive subject areas we have seen,



in the UKCGE 2005 and this subsequent survey, an explosion of professional doctorates across a range of subject areas which include for example, the arts, architecture and computer science.

What sets the professional doctorate apart from other doctoral programmes, in addition to what previously has been mentioned, is the nomenclature which usually states the profession and the close relationship between the award and that of the development of practice within the profession (Scott et al. 2004). The 2002 UKCGE report on Professional Doctorates highlighted the growing trend in the use of differentiating nomenclature which has continued to rise as seen in this survey. This is in direct opposition to the recommendations which came out of the Harris Report (1996), which suggested that work to standardise nomenclature should be undertaken for the benefit of data collection, quality assurance and funding.

A recent report by Universities UK (2009) stated that whilst the professional doctorate sits under the QAA's qualification framework, there still continues to be a difficulty in offering clarity on a specific definition and identification of the nature of the award which would sit across UK institutions. The range of nomenclature used also adds to confusion in an evaluation of professional doctorates.

3 Methodology

In January 2009, the UKCGE sent out a request to its 125 member institutions for information concerning professional doctorates that were available and the number of students currently undertaking them. Two emails were sent out by the UKCGE office. The first email was a request to the institutions which had responded in 2005 to update the information which had been provided before. A template in the form of a word document was attached to make updating easier. The second email request was sent to those institutions that were new members of UKCGE or did not reply to the original survey. These were asked to give data on the current position in their institutions.

The questionnaires asked the following questions in respect of professional doctorates:

- Awards available currently
- Nomenclature
- Approximate number of students currently studying a professional doctorate
- The 2005 survey data was included (for those who had previously responded)
- Future professional doctorate awards (not yet available but planned)
- Universities which do not currently offer professional doctorates
- Comments

The request for information was sent out twice to each institution in an attempt to maximise the response rate.

4 Limitations

The scope of the survey is limited to those who are classed as members of the UKCGE and therefore, will only be able to offer data from the 125 current members out of a total in the sector of 133 (94%) (Universities UK). The data provided will give a picture of professional doctorates but only from those who responded to the call for information, which was 71 out of 125 (57%). Given the relatively low response rate and the limited carry over from the earlier survey to the present one, the overall position has been interpreted with some caution.

5 Reponse Rate

In total 71 member institutions responded. A direct comparison of the same institutions with the survey in 2005 is not possible due to the fact that 28 institutions who responded in 2005 did not respond to this second survey. The response rate of 57% is lower compared with 65% in 2005; therefore the survey can only offer a limited updated picture of professional doctorates in the UK.

6 Survey Findings

6.1 Nomenclature

The proliferation of titles for the professional doctorate has been highlighted in this survey. The explanation of why institutions should name their awards differently is unclear. The following titles returned in this survey include:

Doctor of
Doctor in
Doctorate of
Doctorate in
Professional doctorate in
Master of

Other awards were noted as having no title, just the subject for example: 'forensic psychology' and 'social care practice management'.



The problem of such proliferation is when an award has the same nomenclature for type of award, but uses a range of different titles. Take for example the EdD. The institutions surveyed responded with, Doctor of Education, Doctor in Education, Professional Doctorate in Education, Doctorate in Education, Doctorate of Education and International Doctorate of Education.

This is not just seen in different titles. The awards which carry the same titles can have different nomenclature such as, Doctor of Social Science, SocSciD or DSocSci or Doctorate of Nursing, DN, DNursing, DNurse, NurseD, DNurseSci.

6.2 Patterns of Professional Doctorates

As we can see from table 1 below there has been an increase in the number of professional doctorates on offer in the UK, almost tripling between 1998 and 2009, going from 109 to 308 in 71 institutions. At total of 7882 students are listed as currently studying on these 308 professional doctorates.

Table 1 Number of professional doctorate programmes

(Source: UK Council for Graduate Education)

Year	Professional Doctorate programmes
1998	109
1999	128
2000	153
2005	191
2009	308

6.3 Professional doctorates: Education, Business and Engineering

It was shown in the 2005 survey that the highest numbers of professional doctorates offered were in the subject areas of Education, Business and Engineering. This trend continues in the 2009 survey as noted in Table 2. We can see that since 2005 four further institutions offer Education and six more offer Engineering. The biggest rise is seen in Business where the number of institutions now offering the professional doctorate has risen by 12 from 21 in 2005 to 33 in 2009 (57%). Total student numbers for both years are also included in the table showing a rise of 428 (23%), 207 (26%) and 198 (69%) for education, business and engineering respectively.

Table 2 Professional doctorates: Education, Business and Engineering

Education	Nomenclature	Number of institutions offering the award 2009	Number of students 2009	Number of institutions offering the award 2005	Number of students 2005
Doctor of Education/ Doctor in Education/ Professional Doctorate in Education/ Doctorate in Education/ Doctorate of Education/ International Doctor of Education	EdD	38	2228	34	1800
Professional Doctorate in Business Administration/ Doctor of Business Administration/ Professional Doctorate Programme in Business and Management/ Doctorate in Business Administration	DBA	33	996	21	789
Doctor of Engineering/ Engineering Doctorate	DEng/EngD	22	482	16	284

The total in these traditional subjects for professional doctorates has therefore risen by 833 (28%). We might suggest that the rise in the Business field is building on a specific market opportunity which institutions are keen to meet. However, in terms of total student numbers Education remains the most buoyant area for professional doctorates.

6.4 Subject groupings of all professional doctorates

Table 3 provides a breakdown of all professional doctorates by specific subject. Apart from Veterinary Medicine which has shown a decrease from 2 to 1 in this survey, all other subjects have shown an increase in the number of institutions offering a professional doctorate. Student numbers have also increased in all areas, except that of medicine which has shown a reduction of 745 students.



Table 3 Professional doctorates in specific subject groupings for 2009 and 2005

Subject	Number of institutions 2009	Number of students 2009	Number of institutions 2005	Number of students 2005
Health, Social and Health Science	69	598	26	235
Psychology/ Counselling	49	2007	44	1970
Business, Finance, Management and Tourism	46	1058	24	1002
Education	38	2228	34	1800
Medicine	36	752	31	1497
Engineering	29	609	16	302
Counselling/ Psychotherapy	9	251	3	23
Social Sciences	9	71	2	8
Arts/Architecture and the Built Environment	9	59	2	5
Theology and Ministry	5	90	2	43
Professional Doctorate	5	143	3	10
Computer Sciences	3	16	0	0
Veterinary Medicine	1	0	2	19
Total	308	7882	189	6914

6.5 Break down of individual subject areas 2009

The following tables break down specific subject areas in which professional doctorates are listed in the 2009 survey. The tables are presented in ascending order, with the highest to the lowest number of universities offering professional doctorates (as in table 3). Where more than one university offers a professional doctorate an average and range has been provided. The series of tables highlight the issues of nomenclature confusion. The averages and ranges suggest that for many institutions the economies of scale both financially and pedagogically, supposedly a key attribute of the professional doctorate cohort teaching approach are unlikely to be achieved.

Table 4 Health, Social and Health Science

Health, Social and Health Science	Nomenclature	Number of institutions offering the award 2009	Number of students 2009	Average	Range	
					Min	Max
Doctor of Applied Social Research	DASR	1	2			
Doctor of Biomedical Sciences/Doctor of Biomedical Science/ Professional Doctorate in Biomedical Science	DBiomedSci/DBMS/D Bio Sciences	6	57	9.5	1	38
Doctorate in Healthcare (Nursing and Pharmacy strands)	DHC	1	36			
Doctorate in Health Sciences/Doctor of Health Sciences/Doctor of Health Science	HScD/DHSci/DhealthSci	4	37	9.25	0	27
Doctorate in Health Sciences (Clinical)	HScD(Clin)	1	0			
Doctor of Health Science Education	DHealthSciEd	1	0			
Doctor of Nursing	DN/DNursing/DNurse/NurseD/DNursSci	10	125	12.5	1	25
Doctor in Nursing Science	DNurseSci	1	0			
Doctor of Midwifery/ Doctorate of Midwifery	DM/Dmidwif/DMID	4	3	0.75	0	3
Doctorate of Podiatry/ Doctor of Podiatry	DPod	2	2	1	0	2
Doctorate of Social Work/ Doctor of Social Work	DSocW/DSW	8	87	10.9	0	42
Doctorate of Occupational Therapy/ Doctor of Occupational Therapy	DOccT/DOT/DOccupational Therapy	3	14	4.7	2	10
Doctorate of Physiotherapy/Doctor of Physiotherapy	DTP/DPhys/Physiotherapy	3	24	8	2	20
Doctor of Health Research	DHealthRes	0	0			
Doctor of Health Care	DHC	1	0			



Table 4 Health, Social and Health Science Continued...

Health, Social and Health Science	Nomenclature	Number of institutions offering the award 2009	Number of students 2009	Average	Range	
					Min	Max
Professional Doctorate in Health	Dhealth/DNurse/DCommHealth/DPT/DSL/DCounsel/D SocCare/DBMS/DDenTech/D ClinPhys/Dhealth	2	50	25	5	45
Doctor of Professional Practice	PDD	1	0			
Professional Doctorate in Advancing Practice	DProf in Adv Prac	1	8			
Doctor of Health Care Practice/Management		1	0			
Doctor of Public Health	DrPH	3	61	20.3	0	40
Doctor of Health Studies	DHS	1	11			
Doctor of Health Sciences in Health Promotion		1	0			
Doctor of Health Sciences in Healthcare Management		1	0			
Health Visiting (Public Health)	DPublicHealth (Health visiting)	1	3			
Social Care Practice Management	DManagement (Social Care Practice)	1	3			
Health & Social Service Management	DManagement (Social Services)	1	4			
Health & Social Care Education	DHealthCareEducation	1	1			
DHealth or DSocial Care Professional Doctorate	Dhealth DSocial Care	1	0			
Doctor of Health and Social Care	DHSC	1	12			
Professional Doctorate in Health and Social Care	PrD Health and Social Care	1	3			
Doctor of Chiropractic	DChiro	1	3			
Professional Doctorate in International Social Work	DProf	1	5			
Ophthalmic Doctorate	OD	1	42			
Doctor of Optometry	DOptometry	1	4			
Doctor of Radiography	DRadiography	1	1			
Total		69	598			

The Health, Social and Health Science field has experienced a proliferation of awards and titles to the extent that, other than those which are quite subject specific such as Doctor of Radiology, a level of confusion is apparent. Table 4 also shows that for many of the awards, student numbers are very low, with relatively large ranges and quite small averages across the sector.

Table 5 Psychology/Counselling

Psychology / Counselling	Nomenclature	Number of institutions offering the award 2009	Number of students 2009	Average	Range	
					Min	Max
Doctor of Psychology	Dpsych/PsyD/PsychD	2	133	66.5	6	127
Doctor of Health Psychology	DHealthPsych	1	16			
Doctor of Clinical Psychology/Doctorate in Clinical Psychology/ Doctorate of Clinical Psychology	ClinPsyD/DClinPsych/ DClinPsy	17	1000	58.8	10	124
Doctor of Counselling Psychology/Counselling Psychology/Professional Doctorate in Counselling Psychology/Counselling Psychology	PsychD/ DCounsPsysch/ Dcouns/DCounPsy	7	194	27.8	9	53
Doctor of Educational Psychology/Doctor in Educational Psychology	EdPsychD/DEdPsy/ DEdPsych	10	343	34.3	1	92
Doctor of Educational and Child Psychology/ Doctor of Educational & Child Psychology	D.ED.Ch.Psy/ DEdCPsy	2	77	38.5	33	44
Doctorate in Forensic Psychology Practice	ForenPsyD	1	8			
Forensic Psychology	PsychD	1	4			
Doctor of Occupational Psychology/Professional Doctorate in Occupational Psychology	D.Occ.Psych/ DOccupational Psychology	2	15	7.5	5	10



Table 5 Psychology/Counselling Continued...

Psychology / Counselling	Nomenclature	Number of institutions offering the award 2009	Number of students 2009	Average	Range	
					Min	Max
Doctor in Child & Educational Psychology	DEdPsych	1	31			
Doctor in Educational Psychology (Professional Educational, Child and Adolescent Psychology)	DEdPsy(PECAP)	1	45			
Doctor of Applied Educational & Child Psychology	D.App.Ed.Ch.Psy	1	47			
Doctor of Applied Educational Psychology	DAppEdPsy	2	71	35.5	35	36
Doctor of Applied Psychology	DAppPsych	1	23			
Total		49	2007			

The Psychology and Counselling field highlights that the awards of Doctor of Clinical Psychology and Doctor of Educational Psychology have the highest number of universities offering them, 17 (35%) and 10 (20%) respectively. These two awards also represent the largest number of students, 1000 and 343 currently studying which is 67% of the total number of students in this field. Table 5 also shows that Doctor in Forensic Psychology Practice and Forensic Psychology have the lowest number of students currently studying, 8 (0.4%) and 4 (0.2%) respectively. Overall the subject areas across this field appear to be popular across most of the awards on offer. This perhaps reflects the fact that some of the awards are accredited by the British Psychological Society (BPS) allowing the successful candidate to work as a recognised practitioner. Additionally some of the awards may be funded by external agencies such as the NHS.

Table 6 Business, Finance, Management and Tourism

Business, Finance, Management and Tourism	Nomenclature	Number of institutions offering the award 2009	Number of students 2009	Average	Range	
					Min	Max
Professional Doctorate in Business Administration/ Doctor of Business Administration/ Professional Doctorate Programme in Business and Management/ Doctorate in Business Administration	DBA	33	996	30.1	0	400
Doctorate in Professional Studies/Doctorate of Professional Studies/ Doctor of Professional Studies	DrPS/DProf	3	50	16.7	0	50
Doctor of Statistics	DSTAT	1	0			
Doctor of Public Management	DPM	0	0			
Doctor of Management	DMan	0	0			
Professional Doctorate in Public Administration	DPA	1	0			
Doctor of Public Policy/Management	DPP/DPM	1	0			
Professional Doctorate Public Services Management	DBA (PSM)	1	0			
Doctor of Public Leadership	DPL	1	0			
Professional Doctorate in Personnel and Development	DProf	1	5			
Doctor of Consultation and the Organisation	DconsOrg	1	7			
Doctor of Finance	DFin	1	0			
Doctor of Real Estate	DRealEst	1	0			
Professional Doctorate Tourism	D Tourism	1	0			
Total		46	1058			



In the field of Business, Finance, Management and Tourism, the DBA has the highest number of students currently studying at 996, which is 94% of the total number of students in this field. Out of the 33 universities which offer the DBA three universities have no students whilst one university has 400. The Professional Doctorate in Professional Studies, Professional Doctorate in Personnel and Development and Doctor of Consultation and the Organisation are the only other awards which have students currently studying, numbering 50, 5 and 7 respectively.

Table 7 Education

Education	Nomenclature	Number of institutions offering the award 2009	Number of students 2009	Average	Range	
					Min	Max
Doctor of Education/ Doctor in Education/ Professional Doctorate in Education/Doctorate in Education/Doctorate of Education/International Doctor of Education	EdD	38	2228	58.7	0	435 (160 based in Hong Kong)
Total		38	2228			

In the field of Education a total of 38 universities currently offer a Professional Doctorate, with a total of 2,228 students currently studying, resulting in an average of 58.7. The range indicates that two universities have not recruited any students whereas one university offers the EdD based in Hong Kong as well as in the UK.

Table 8 Medicine

Medicine	Nomenclature	Number of institutions offering the award 2009	Number of students 2009	Average	Range	
					Min	Max
Doctor of Medicine	MD/DM	21	620	29.5	0	103
Doctor of Medical Imaging	DMedIm	1	6			
Doctor of Medical Science	DMedSci	1	19			
Doctor of Pharmacy	D Pharmacy/DPharm	3	7	2.33	0	6
Doctor of Clinical Science	DCS	0	0			
Doctor of Clinical Practice	DClinP/DClinPrac	2	56	28	14	42
Doctor of Medical Ethics	DMedEth	1	31			
Master of Surgery	MCh	1	2			
Doctor of Dental Science	DDS	1	0			
Doctor of Dental Surgery	DDS	3	9	3	0	9
Doctor of Dental Surgery by Research	DDSc	1	0			
Doctorate of Clinical Dentistry	DClinDent	1	2			
Total		36	752			

In the field of Medicine, Doctor of Medicine (MD) appears to be the most popular accounting for 620 (82%) students currently studying and 21 (58%) universities offering the award. There also seems to be some confusion surrounding the MD, with one university claiming that this was not seen as a professional doctorate due to not having any taught element and another university noting that in fact it was a research degree and has no taught element. The other awards and titles in this field are offered only by a small number of universities. Apart from Doctor of Medical Science, Doctor of Clinical Practice and Doctor of Medical Ethics, the numbers of students currently studying are very low. The range also shows that where more than one university offers the same award three of these do not have any students currently studying.



Table 9 Engineering

Engineering	Nomenclature	Number of institutions offering the award 2009	Number of students 2009	Average	Range	
					Min	Max
Doctor of Engineering/ Engineering Doctorate	DEng/EngD	22	482	21.9	0	99
Doctor of Engineering Systems Level Integration/Doctor of Engineering in Level Integration	EngD	2	64	32	25	39
Doctor of Engineering in Non Destructive Evaluation		1	2			
Doctor of Engineering in Nuclear Engineering		1	2			
Doctor of Engineering in Photonics		1	6			
Doctor of Engineering in Medical Devices		1	48			
Doctor of Engineering in Systems Engineering		1	5			
Total		29	609			

In the field of Engineering the DEng has the most students currently studying with 482 out of a total of 609 (79%). The range indicates that four universities do not currently have students studying. The table shows that there is a proliferation of awards in engineering which allow students to study specialist areas. The highest number of students in these specialist areas are Doctor of Engineering in Level Integration and Doctor of Engineering Medical Devices which have 64 (11%) and 48 (8%) students currently studying.

Table 10 Counselling/Psychotherapy

Counselling/ Psychotherapy	Nomenclature	Number of institutions offering the award 2009	Number of students 2009
Doctor of Couple Psychoanalytic Psychotherapy		1	11
Doctor of Child Psychoanalytic Psychotherapy	D.Ch.Psych.Psych	1	119
Doctor of Systemic Psychotherapy	D.Sys.Psych	1	50
Doctor of Analytical Psychotherapy	DAnPsych	1	6
Doctor of Psychotherapy	DPY/DPsych	1	19
Doctor of Counselling	DCouns	1	0
Doctorate in Counselling and Psychotherapy	D Couns & Psycho	1	6
Doctor of Psychoanalytic Psychotherapy	DPsychPsych	1	4
Psychotherapy & Counselling	PsychD	1	36
Total		9	251

In the field of Counselling and Psychotherapy all the data returned showed that only one university, offered the subject specific awards. Only one university offering the Doctor of Counselling award have at the time of the data collection not recruited any students. Doctor of Child Psychoanalytic Psychotherapy and Doctor of Systemic Psychotherapy have the most students currently studying, with 119 (47%) and 50 (20%) respectively.



Table 11 Social Sciences

Social Sciences	Nomenclature	Number of institutions offering the award 2009	Number of students 2009	Average	Range	
					Min	Max
Doctor of Applied Social Science	DASS	1	0			
Doctor of Social Practice	D Soc Prac	1	2			
Doctor of Social Science	SocSciD/DSocSci	2	27	13.5	2	25
Professional Doctorate in Laws	LLD	1	5			
Doctor of Legal Practice	D Legal Prac	1	1			
Doctor of Criminal Justice	DCrimJ	1	26			
Professional Doctorate in Policing and Community Safety	DProf	1	10			
Doctor of Applied Criminology	DAppCrim	1	0			
Total		9	71			

In the field of Social Sciences the highest number of students studying at one university is 26 (37%) (Doctor of Criminal Justice). Doctor of Social Science is offered by two universities, but the range indicates that one of those universities has only 2 students currently studying whereas the other has 25. The awards Doctor of Applied Social Science and Doctor of Applied Criminology have not recruited students and three universities who offer awards in this subject field have less than 10 students studying.

Table 12 Arts/Architecture and the Built Environment

Arts/Architecture and the Built Environment	Nomenclature	Number of institutions offering the award 2009	Number of students 2009	Average	Range	
					Min	Max
Professional Doctorate in the Built Environment/ Doctor of Built Environment	DBEnv	3	31	10.3	6	15
Doctor of Spatial Planning	Dplan	1	0			
Doctor of Construction Management	DConsMgt	1	0			
Doctor of Musical Arts	DMA	1	5			
Doctor of Architecture	DA/DArch	2	0			
Doctor of Fine Art	DFA	1	23			
Total		9	59			

In the field of Arts/Architecture and the Built Environment, the Professional Doctorate in the Built Environment is the most popular with three universities offering the award and a total of 31 students currently studying. The highest number of students studying at one university is the Doctor of Fine Art award which has 23 students (39%) currently studying.

Table 13 Theology and Ministry

Theology and Ministry	Nomenclature	Number of institutions offering the award 2009	Number of students 2009	Average	Range	
					Min	Max
Professional Doctorate in Practical Theology	PrD Practical Theology	1	14			
Doctor of Theology	ThD	1	4			
Doctor of Practical Theology	DPT	1	0			
Doctor of Ministry/ Doctor of Ministry Administration/ Doctorate in Ministry	DMIN/DMin	2	72	36	23	49
Total		5	90			



In the field of Theology and Ministry the award of Professional Doctorate in Practical Theology and Doctor of Ministry have 14 (16%) and 72 (80%) students currently studying. These two awards also represent the majority of students, 86 of the 90 students in this field (96%).

Table 14 Professional Doctorate

Professional Doctorate	Nomenclature	Number of institutions offering the award 2009	Number of students 2009	Average	Range	
					Min	Max
Professional Doctorate	DPro/ProfD	5	143	28.6	5	54
Total		5	143			

The award of Professional Doctorate has been indicated by five universities with a total of 143 students currently studying. These universities have not stipulated the subject area within the nomenclature.

Table 15 Computer Sciences

Computer Sciences	Nomenclature	Number of institutions offering the award 2009	Number of students 2009
Professional Doctorate in Computer Science	D Comp Sci	1	0
Professional Doctorate in Information Systems	D Info Sys	1	0
Doctor of Information Security	InfoSecD	1	16
Total		3	16

In the field of Computer Sciences whilst three universities offer an award only one university has recruited students. The Doctor of Information Security has 16 students currently studying which represents the total number in this field.

Table 16 Veterinary Medicine

Veterinary Medicine	Nomenclature	Number of institutions offering the award 2009	Number of students 2009
Doctor of Veterinary Medicine & Surgery/Doctor of Veterinary Medicine and Surgery	DVM&S/DVM/DVS	1	0
Doctor of Veterinary Medicine	DVetMed	0	0
Total		1	0

The field of Veterinary Medicine shows that there are no students currently studying although one university does offer the award.

Figure 1 The number of universities offering different professional doctorate awards

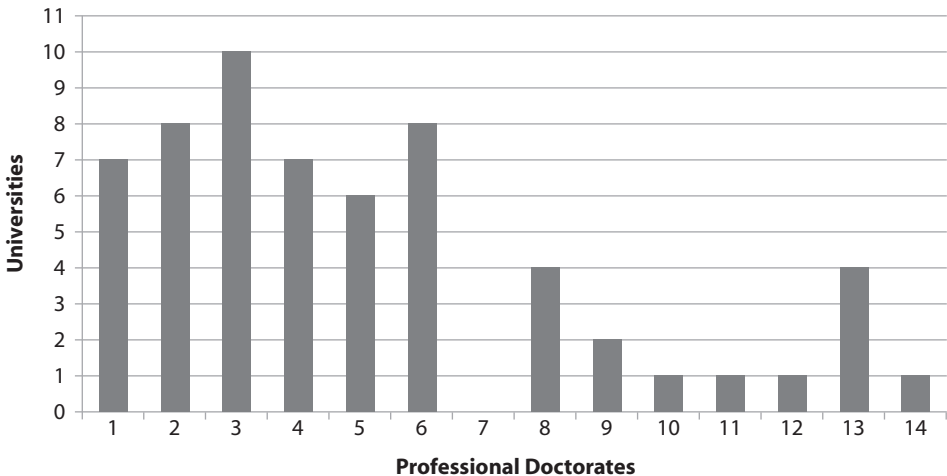


Figure 1 shows the number of universities who responded to the 2009 survey, that currently offer professional doctorates. We can see that there are a higher proportion of universities who offer small numbers of doctorates, for example seven universities offer only one and ten universities offer three. At the other end of the spectrum, four universities offer 13 professional doctorates and one offers 14 professional doctorates. Eleven universities stated at present they did not offer professional doctorates, although out of these one stated that they were going through the process of preparing to do so in the future. Of the 60 universities which offer professional doctorates a further eight were planning to add to their portfolios (table 17).



Table 17 The number and type of professional doctorate awards planned

Number of Universities	Award	Comments
1	Collaborative DBA with the Netherlands Business School	Early stages of planning and not yet validated
1	Doctor in Professional Practice (DProf)	In 2008 adopted academic regulations for professional Doctorate as framework for all Professional Doctorates (not MD)
1	Doctor of Dentistry (DDent)	4 signed up to study from 1/10/09 Paediatric Dentistry
1	Doctor of Ecological Building Practices	In collaboration with the Centre for Alternative Technology and is subject to validation
1	Doctor of Engineering (EndD)	Still in approval process
1	Doctorate in International Criminal Justice	Validated but is subject to conditions
1	Doctor of Medicine	Anticipated availability from 2009 entry and is fully following the professional doctorate model
1	Professional doctorate in Cognitive Behavioural Psychology Professional doctorate in Health Psychology Professional Doctorate in Researching Work	

7 Conclusion

The survey clearly suggests that the number of professional doctorate awards is not only increasing across the UK but is expanding into specialised subject areas. However, this expansion of awards within some of the subject fields is yet to attract cohorts of students, therefore currently not achieving one of the perceived advantages of offering professional doctorate awards. The clarity and distinction between these types of awards and a traditional research based PhD is becoming more blurred.

In addition, for the awards where there are low numbers or no students currently studying, it is difficult to see the relationship between this form of provision and the needs of businesses and industry. It is also of concern that those awards which are only attracting a minimal number of students still carry the costs associated with validation and running and hence will be having a negative impact on a university's finances for this form of postgraduate provision.

The use of different nomenclature is clearly confusing and could be misleading and is creating a problem in understanding what titles actually mean. Such differences in titles between universities can only add to the confusion not only for prospective consumers i.e. students (UK and international) but also for the professions for which these awards are particularly designed. Without getting into the debate about comparability with the traditional PhD it is appropriate to challenge proliferation if it produces confusion. There are things which can be learned from the PhD by coming to terms with some common meaning of title and nomenclature. Just as the PhD is awarded as PhD followed by the title of the research, then the Professional doctorate could similarly be awarded Prof Doc (Subject). In this way the various Health professional doctorates would be titled for example Prof. Doc (Health Science), Prof.Doc (Health Psychology) etc. However, whether the established awards such as EdD, DEng and DBA would move to Prof. Doc (Education), Prof. Doc (Engineering) or Prof. Doc (Business) would need further consideration.

If the UK HE continues to diversify and increase the number of professional doctorate awards we run the risk of both diluting its unique purpose and contributing further to the confusion. Perhaps now is the time for some standardisation? It is after all some 15 years since Harris (1996) addressed the same issue in Masters nomenclature. Perhaps the Mandelson review of postgraduate provision could make real progress in resolving this issue for professional doctorates, just as Harris did in the 1990s.



8 References

Green, H. D. & Powell, S. (2005) *Doctoral Study in contemporary Higher Education*. Berkshire, Open University Press/SHRE

Harris, M. (1996) *Review of postgraduate Education*. Ref: M14/. London, HEFCE, Committee of Vice-Chancellors and Principals Standing Conference of Principals

Powell, S. & Long, E. (2005) *Professional Doctorate Awards in the UK*. UKCGE [Internet] Available from: <http://www.ukcge.ac.uk/Resources/UKCGE/Documents/PDF/Professional%20Doctorate%20Awards%202005.pdf>

QAA (2004) *Code of practice for the assurance of academic quality and standards in higher education: Section 1: Postgraduate research programmes*. QAA [Internet] Available from: <http://www.qaa.ac.uk/academicinfrastructure/codeOfPractice/section1/default.asp>

Scott, D, et al. (2004) *Professional Doctorates*. Buckingham: Open University Press/SHRE

The Department of Business, Innovation and Skills (BIS) (2009) *The Post Graduate Review* BIS [Internet]. Available from: <http://www.bis.gov.uk/postgraduate-review> (Accessed 10/12/09)

UKCGE (2002) *Professional Doctorates*. UKCGE [Internet] Available from: <http://www.ukcge.ac.uk/Resources/UKCGE/Documents/PDF/Professional%20Doctorates%202002.pdf> (Accessed 18/01/10)

Universities UK (2009) *Promoting the UK doctorate: opportunities and challenges*. Research Report. London, Universities UK

Appendices

Appendix 1 Assistance from Institutions

Assistance from the following institutions is greatly acknowledged

University of Aberdeen
Anglia Ruskin University
Aston University
University of Bath
Birmingham City University
University of Birmingham
University of Bolton
Bournemouth University
University of Brighton
University of Bristol
Brunel University
University of Cambridge
Cardiff University
University of Chichester
De Montfort University
University of Dundee
Durham University
Edge Hill University
University of East London
University of Essex
University of Glamorgan
University of Glasgow
Glasgow Caledonian University
Glasgow School of Art
University of Gloucestershire
Glyndwr University
Heriot-Watt University
University of Huddersfield
Institute of Cancer Research
Institute of Education, University of London
Keele University
Kings College London
Leeds Metropolitan University
Liverpool John Moores University
Liverpool Hope University
London Metropolitan University
London School of Economics
London School of Hygiene and Tropical Medicine
London South Bank University
Manchester Metropolitan University
Middlesex University
University of Newcastle
University of Nottingham
Nottingham Trent University
University of Oxford
University of Plymouth
University of Portsmouth
University of Reading
Robert Gordon University
Roehampton University
Royal Holloway, University of London
School of Pharmacy, University of London
University of Salford
University of Sheffield
Sheffield Hallam University
University of Southampton
University of St Andrews
University College of St Mark and St John



University of Stirling
University of Strathclyde
University of Sunderland
University of Surrey
University of Sussex
Swansea University
University of Teesside
University College London
University of Wales Institute, Cardiff
University of Warwick
University of the West of England
University of Wolverhampton
University of Worcester

Appendix 2 List of UKCGE Member Institutions (as of November 2009)

Full Members

University of Aberdeen
University of Abertay
Aberystwyth University
Anglia Ruskin University
Aston University
Bangor University
Bath Spa University
University of Bath
University of Bedfordshire
Birmingham City University
University of Birmingham
University of Bolton
Bournemouth University
University of Bradford
University of Brighton
University of Bristol
Brunel University
Buckinghamshire New University
University of Cambridge
Canterbury Christ Church University
Cardiff University
University of Central Lancashire
University of Chester
University of Chichester
Cranfield University
University of Cumbria
De Montfort University
University of Derby
University of Dundee
Durham University
University of East Anglia
University of East London
Edge Hill University
University of Edinburgh
University of Essex
University of Exeter
University of Glamorgan
Glasgow Caledonian University
The Glasgow School of Art
University of Glasgow
University of Gloucestershire
Glyndŵr University
University of Greenwich
Heriot-Watt University
University of Hertfordshire
University of Huddersfield
University of Hull
Imperial College London
Institute of Cancer Research
Institute of Education
Keele University
University of Kent
King's College London
Kingston University
Lancaster University
Leeds Metropolitan University
University of Leeds
University of Leicester
University of Limerick
University of Lincoln
Liverpool Hope University
Liverpool John Moores University



University of Liverpool
London Metropolitan University
London School of Economics
London School of Hygiene and Tropical Medicine
London South Bank University
Loughborough University
Manchester Metropolitan University
University of Manchester
Middlesex University
Edinburgh Napier University
National Institute for Medical Research
University of Newcastle
The University of Northampton
Northumbria University
Nottingham Trent University
University of Nottingham
The Open University
Oxford Brookes University
University of Oxford
School of Pharmacy, University of London
University of Plymouth
University of Portsmouth
Queen Mary, University of London
Queen's University Belfast
Ravensbourne College of Design & Communication
University of Reading
Roehampton University
Royal College of Art
Royal Holloway, University of London
The Royal Veterinary College
University of Salford

University of Sheffield
Sheffield Hallam University
University of Southampton
University of St Andrews
University College of St Mark and St John
Staffordshire University
University of Stirling
University of Strathclyde
University of Sunderland
University of Surrey
University of Sussex
Swansea University
University of Teesside
Thames Valley University
UHI Millennium Institute
University of Ulster at Jordanstown
University College London
University for the Creative Arts
University of the Arts, London
University of Wales Institute Cardiff
University of Wales, Newport
University of Warwick
University of the West of England
University of the West of Scotland
University of Westminster
University of Winchester
University of Wolverhampton
University of Worcester
York St John University
University of York

Associate Members

Athens Graduate School of Management
The British Library
British Sociological Association
British School of Osteopathy
Canadian Association for Graduate Studies
The Islamic College
Markfield Institute of Higher Education
National Union of Students

Royal Scottish Academy of Music & Drama
Royal Society of Chemistry
The Royal Academy of Engineering
Society for Endocrinology
Society for General Microbiology
School of Advanced Study, University of London
Scottish Agricultural College



UK Council for Graduate Education

Published titles – all available from the UKCGE website, <http://www.ukcge.ac.uk>

ISBN	Title
0-9525751-0-8	Graduate Schools (1995)
0-952-5751-1-6	The Award of the Degree of PhD on the Basis of Published Work in the UK (1996)
0-9525751-9-1	Quality and Standards of Postgraduate Research Degrees (1996)
0-9525751-2-4	Practice-Based Doctorates in the Creative and Performing Arts and Design (1997)
0-952-5751-3-2	The status of published work in submissions for doctoral degrees in European Universities (1998)
0-952-5751-4-0	Preparing Postgraduates to Teach in Higher Education (1999)
0-952-5751-5-9	The International Postgraduate: Challenges to British Higher Education (1999)
0-952-5751-6-7	Research Training for Humanities Postgraduate Students (2000)
0-9525751-75	Research Training in the Creative and Performing Arts and Design (2001)
0-952-5751-83	Professional Doctorates (2002)
0-9543915-0-0	Research Training in the Healthcare Professions (2003)
0-9543915-1-9	A Review of Graduate Schools in the UK (2004)
0-9543915-2-7	The Award of PhD by Published Work in the UK (2004)
0-9543915-3-5	Confidentiality of PhD Theses in the UK (2005)
0-9543915-4-3	Professional Doctorate Awards in the UK (2005)
0-9543915-5-3	Access to Doctoral Examiners' Reports (2007)
0-9543915-6-0	Higher Doctorate Awards in the UK (2008)
0-9543915-7-7	Quality and Standards of Postgraduate Research Degrees (2009)
0-9543915-9-1	Preparing to Teach in Higher Education (2010)
0-9543915-8-4	A Review of Graduate Schools in the UK (2010)
0-9563812-2-4	Confidentiality of PhD Theses in the UK (2010)







UK Council *for* Graduate Education

Lichfield Centre The Friary Lichfield Staffordshire WS13 6QG
T: 01543 308602 F: 01543 308604 E: ukcge@ukcge.ac.uk

www.ukcge.ac.uk