

The professional learning needs and priorities of higher-education-based teacher educators in England, Ireland and Scotland

Abstract

Against a rapidly changing policy landscape for teacher education, exacerbated by 'Brexit' in the UK, we present findings from an electronic survey of 272 teacher educators in England, Ireland and Scotland about their experiences of, and priorities for, professional learning. While the data generated were mainly quantitative data, qualitative features were embedded within the survey design. Both types of data have been used to draw out complexities that emerge when exploring a professional group of educators responsible for the preparation of a future generation of teachers. The findings are presented and discussed in relation to the professional demographics of the sample, research expectations placed on them and teacher educators' priorities for professional learning. Given the unique occupational position of teacher educators, their importance in the quality of teacher education and the lack of formal focus on their professional development, our starting point for teacher educators' professional development lies in their practice situated and positioned within global, regional, national and local policy contexts.

Key words: teacher education; teacher educators, teacher training; professional development; professional learning; Ireland; Scotland; England.

Introduction

Globally education is in a state of constant flux with international comparisons requiring policy makers to re-examine their education systems and how to improve children's performance in schools (Gray 2010; European Commission 2015). The focus of such attention is often on the professional development and education of teachers. However, as pointed out by Goodwin et al., 2014, "common sense reasoning says that quality teacher education relies on quality teacher educators. Yet, minimal attention has been paid to what teacher educators should know and be able to do" (p.1). Zeichner (1999) concluded that, in the USA, little was known about how teacher educators worked, or should work, until the last decade of the 20th century. The situation was similar in Europe and Lunenberg & Willemse (2006) point out that teacher educators in almost all European Union countries enter the field without any formal preparation, and often with little or no support from more experienced colleagues. At present, few systemic routes for teacher educators' ongoing learning, and little research documentation of these routes, exist (Berry 2013; Murray et al. 2011). This article presents findings from a strand of a larger international study undertaken by the International Forum for Teacher Educator Development (InFo-TED), of 1158 teacher educators in Belgium, England, Ireland, Israel, the Netherlands, Norway and Scotland (Czerniawski, MacPhail and Guberman 2016). Exploring the variety and depth of teacher educators' experiences of professional learning, this article focuses specifically on three Northern European countries within the British Isles and the extent to which teacher educators' experiences there have addressed their professional learning needs. While recognizing their contestability and interchangeability within the literature, we use professional development and professional learning as portmanteau terms to describe the formal and informal processes that enable teacher educators to improve their professional practice throughout their careers, with a commitment to transform education for the better. We begin with competing definitions associated with teacher educators' professional development followed by a brief contextualization of teacher education in England, Ireland and Scotland. The findings are then presented and discussed in relation to the professional demographics of the

sample, the professional learning activities valued by teacher educators and those influential factors that determine teacher educators' engagement in those activities.

Teacher educators' professional learning

Teacher educators' professional learning is under-researched, with much of the literature drawing on teachers' continuing professional development (CPD) in schools. Kennedy (2005), for example, has identified nine models of teachers' CPD in international literature, classified in relation to their capacity for supporting professional autonomy and transformative practice. These teacher-based models (training; award-bearing; deficit; cascade; standards-based; coaching and mentoring; community of practice; action research; transformative) have been usefully applied to literature on teacher educators' professional learning (see: Bates, Swennen and Jones 2011; Beauchamp et al. 2015). Mutual respect, risk-taking, a determination to improve, and professional, progressive discourse are factors cited as essential for effective professional learning (Schuck, Aubusson and Buchanan 2008). However these conditions need to be carefully scrutinised, with consideration given to the purpose of that professional learning.

Earley and Bubb (2004) distinguish 'hard' economic utilitarianism, where professional learning addresses the strategic goals of an institution, from a 'softer' developmental humanism in which professional learning caters for valued, confident and motivated staff. This bifurcation is helpful when considering a further distinction made by Lipowski et al. (2011) between two forms of professional learning. First: *in-service programmes* are organised programmes for practitioners within the institutions where they work, considered by some to be the primary way in which they receive continuing support (Loucks-Horsley et al. 1997). Second: *continuous experiential learning*, accommodates the more informal learning opportunities that contribute to everyday professional practice, the importance of which cannot and should not be underestimated when trying to understand the work teacher educators do in different national locations and the professional support they need (MacPhail et al. 2014).

Previous attempts to describe teacher educators' work (see: Lunenberg, Dengerink and Korthagen 2014; Swennen, Jones and Volman 2010) have cited a variety of roles, each of which may require professional development: teaching, coaching, facilitation of collaboration between diverse organisations and stakeholders, assessment, 'gatekeeping', curriculum development, critical inquiry and research. The lack of induction into these roles experienced by so many teacher educators is well documented (Murray, Czerniawski and Barber 2013; Kosnik et al 2015). However, Griffiths, Thompson and Hryniewicz (2014) make a distinction between two groups of university-based teacher educators, adding further complexity. Teacher educators from Anglophone countries often move into universities having previously taught in schools. A second group exists from countries where teacher educators are drawn mainly from academic disciplines often lacking practical teaching experience (Griffiths, Thompson and Hryniewicz 2014). Both groups are likely to encounter different transitional experiences influencing their professional learning needs.

Three national contexts

England

Within an economic context of a recent global recession, exacerbated by the anticipated UK withdrawal from the European Union, the current state of England's teacher education is challenging and reflects, in part, the continued dominance of ministerial views espousing a commitment to the marketplace, supply-side economics and fiscal restraint (Gove 2013; Morgan 2015). University-based teacher educators are a broad and heterogeneous occupational group

(Murray et al 2011). There are commonalities in entry requirements and qualifications in that higher education-based teacher educators, teaching pre-service (or initial teacher education) courses, are nearly always qualified teachers with substantial experience of school teaching. Many enter higher education without doctorates or personal research experience (although they may have undertaken small-scale practitioner research and scholarship as part of their professional development in schools). Following relatively common contractual processes for the appointment of academic faculty, the majority of teacher educators would undertake a short 'probation' before being appointed to permanent posts. Some universities have recently created 'teaching only' posts with no contractual obligation to undertake research, but the majority still require faculty to engage in research and scholarship.

The institutions offering teacher education in England range from long-established, research-intensive universities, riding high in international research league tables, to newly established teaching-intensive universities (often distinguished as 'new' universities). The category 'new university' includes a broad spectrum of institutions, including some that gained university status only after 2000. The schools of education within these differing types of university vary greatly in the ways in which they instantiate the discourses and practices of teacher education, and the teacher educators within these departments face varying expectations in teaching, research and management activities. Previous research (Maguire 2000; Murray 2012) has indicated that teacher educators often have heavy workloads, teach long hours in universities and schools, and undertake high levels of student support. Other research has documented the process of professional learning involved in the dominant model of 'expert teachers' becoming teacher educators in the academy and as a result undertaking a reconstruction process of pedagogy and identity (Murray and Male 2005; Boyd and Harris 2010) – a process we refer to herein as 'boundary crossing'.

England is currently undergoing a seismic shift in the ways in which student teachers are being prepared for their future careers leaving many university-based teacher educators facing career uncertainty and insecurity (DfE 2010; McNamara et al. 2017). Indeed, the very term 'student' is problematic when there has been, over the last decade, a substantial increase in the numbers of salaried, unqualified teachers trained 'on-the-job'. In 2013 the coalition government introduced 'Schools Direct' as part of its re-organisation of Initial Teacher Education (ITE). Schools Direct is the latest school-led teacher-training pathway in which schools recruit their own trainees, becoming the new 'gatekeepers' to the profession. The assumption being that these 'employees' (Schools Direct exists in salaried and non-salaried pathways) will take up permanent positions with the school on completion of their training. Both Schools Direct and School-Centred Initial Teacher Training (SCITT) represent a significant threat to Higher Education institutions (HEIs) through decreasing student numbers (and therefore income) and the extent to which research remains viable within the academy, and also the value placed on different forms of professional learning.

Ireland

Teacher education in Ireland has been significantly reconfigured over the last decade due to a number of factors. First, the establishment of the Teaching Council (professional regulatory body) in 2006. Second, in response to poor learning outcomes among children, measured in PISA 2009 (DES 2011), was the issuing of new guidelines for all teacher education programmes (Teaching Council 2011a; 2011b) and, as Conway and Murphy (2013) point out, the re-design since then of all initial teacher education programmes. Third, as part of wider rationalization of higher education, was the initiation of radical restructuring of the way in which teacher education is made available in Ireland (Hyland 2011; Sahlberg et al. 2012). While teacher education has become a policy priority in the last decade, the professional preparation of those

working in teacher education has not been a focus. The multiple professional pathways into teacher education has remained similar to a historic pattern. However, with the recent on-going Government-initiated re-structuring and system rationalization, the goal of which is to reduce the number of teacher education providers from nineteen to six, and to concentrate teacher education in these six sites as 'centres of excellence,' there have been inevitable implications for the status, work and future professional preparation of those working in teacher education.

This recent policy context has re-framed the role of teacher education and research. Significantly, the joint influence of the more complete universitisation of teacher education recommended in the Sahlberg Report (2012), along with increased rankings pressure on universities, has meant that there is increasing pressure on teacher education academics as they work in higher educational institutions to acquire a PhD and publish in peer-reviewed research outlets. Contextualising this is important in terms of patterns of research practice in teacher education. While there have been no studies or reviews, trends can be identified. First, the recent growth of research on teacher education in Ireland over the last decade with publication of peer reviewed journal articles, reports and small-scale collaborations. Second, while much of the research on teacher education has comprised small-scale studies within individual programmes, or sometimes between programmes in different institutions (e.g. SCoTENS), there have been some larger studies, as commissioned reports which have provided more system level insights on teacher education. Third, the focus of research has been mainly on initial teacher education with some focus on continuing professional development and very little, until recently, on induction (Conway et al. 2009). Taking the above observations together, the opportunities to learn and experience research as a teacher educator are typically within one's own institution. The proportion of staff involved, duration of involvement, types and foci of studies and the extent to which such research is seen as central to teacher educators' professional institutional profiles are unknown. Anecdotal evidence suggests significant differences between institutions in the standing of research on teacher education. Despite the current policy focus on the quality of initial teacher education programmes, there has been a relative lack of focus on teacher educators' professional learning as evidenced in the review of primary (Kellaghan 2002) as well as in post-primary teacher education (Byrne 2002). As such, the prioritisation of teacher education in the last decade, and even more so in the last five years, is evident in the significant Teaching Council prioritisation of a labour intensive accreditation of all initial teacher education programmes since the publication of binding national initial teacher education regulations by the Council in 2011.

Scotland

The recent transition of teacher education from being largely located in Colleges of Education to being incorporated into universities over the past twenty years (Gray & Weir, 2014) provides an unstable context for teacher educators' professional learning. As in many other countries, teacher educators in Scotland are recruited from teachers working in schools. Other than having postgraduate qualifications, such as a Masters or, occasionally, a doctorate, most staff recruited to teacher education posts have little experience in Higher Education, and employment in a sector that is, in most disciplines, overwhelmingly associated with research. Previously in the Colleges of Education, while some research had taken place, "there was no requirement or expectation on lecturers involved in teacher training to engage with research activities in addition to teaching trainees and providing continuing professional development courses for teachers" (Smith, 2014, 23). At the time of writing, the General Teaching Council Scotland (GTCS) largely controls the requirements for all initial teacher education provision, with the expectation that most staff involved in initial teacher education in higher education institutions are GTCS registered, and thus, by implication, former teachers. The GTCS has also recognised the importance of research for the teaching profession and this recognition is clearly stated in

the various GTCS standards for Registration (GTCS, 2012b), Career-Long Professional Learning (GTCS, 2012a) and Leadership and Management (GTCS, 2012). There are also clear expectations of teachers engaging in and with research within the professional standards for teachers; standards to which teacher educators need to adhere to maintain their professional GTCS registration. For example, the Standard for Career-long Professional Learning has specific expectations around professional enquiry: “develop and apply expertise, knowledge and understanding of research and impact on education; develop and apply expertise, knowledge, understanding and skills to engage in practitioner enquiry to inform pedagogy, learning and subject knowledge; lead and participate in collaborative practitioner enquiry” (GTCS, 2012: 10).

Research Design

Participants in this study were recruited through their institutions and professional networks. A total of 157 teacher educators in England, 54 in Ireland and 61 in Scotland responded to a survey from a larger study, carried out by InFo-TED, of 1,158 teacher educators (Czerniawski, MacPhail and Guber 2017) working in higher education institutions in Belgium, Ireland, Israel, the Netherlands, Norway and the UK. The study addresses two research questions:

1. What professional learning activities do higher education-based teacher educators value?
2. How best can these activities be realised?

Professional learning needs were assessed by a questionnaire that had four sections: professional learning preferences (31 items); factors considered before a professional learning activity is engaged in (8 items); research dispositions and experience (4 items); role description and background information (28 items). Participants rated on a Likert response scale, ranging from 1 (= not at all) to 6 (= very much), their level of satisfaction with the professional learning opportunities they have had (1 item), their degree of interest in further professional learning (1 item) and their interest in specific professional learning options (27 items). Participants also provided qualitative responses to two survey questions – ‘What are your two most important professional learning needs?’ and ‘What professional learning opportunities would best meet these needs?’

The authors acknowledge the limitations of an article of this nature, not least, the extent to which it is able to address the in-depth specificities of teacher educators’ professional learning on a country-by-country basis. However the ongoing study, reported here, begins to address the lack of research into the professional development of teacher educators and, moreover, to determine what is effective in supporting them in their professional growth (Lunenburg, Dengerink and Korthagen 2014). Follow-up interviews are underway with a sample of participants in each of the participating countries that will, in future publications, provide greater insight into the relationship between professional learning opportunities and the resulting learning outcomes.

Findings

Teacher educator professional demographics

Table 1 (below) indicates that the majority of participants in this study were female reflecting the gendered nature of this profession. Our sample tends to be older than school-based colleagues (although participants from Ireland tend to be younger than their Scottish and English university-based counterparts) and most have worked as teacher educators for a considerable period of time (mean length 10-14 years). However, these age separations do not necessarily imply proportionately greater experience or status within the university – rather that many teacher educators are former teachers and as ‘second order practitioners’ (Murray

and Male 2005) move into the Academy after a first and sometimes second career as teachers. While percentages vary it is notable that the majority of participants are actively engaged in research (including the writing up of those findings). It is also notable that significantly higher numbers of participants from the Irish sample possess doctorates and are actively involved in research.

Teacher educators' professional demographics	England (n=157)	Ireland (n=54)	Scotland (n=61)
Gender of workforce	Female 69%; male 31%	Female 67%; male 33%	Female 79%; male 21%
Largest & second largest age brackets	41% aged 45-54; 32% aged 55-64	35% aged 45-54; 22% aged 35-44	41% aged 45-54; 30% aged 55-64
% of sample who were ex-teachers	96	74	96
Mean length of time as teacher educator	10 years	14 years	10 years
Highest academic qualification	11% first degree; 53% Masters; 36% doctorate	17% Masters; 83% doctorate	18% first degree; 40% Masters; 42% doctorate
% of sample working fulltime	78	51	87
% of sample on permanent contracts	93	80	89
% of sample actively involved in research	81	95	76

Table 1: Teacher educator professional demographics

Professional learning activities valued by teacher educators

Most teacher educators in all locations expressed only moderate satisfaction with their experiences of professional learning to date (Table 2). However, many activities were considered highly valuable including those associated with research, personal reading, informal learning conversations with colleagues and opportunities to develop pedagogy. Of less value were those activities associated with on-line learning, observations by colleagues, peer coaching and training activities undertaken within the employer institution. It is worth noting that there is a level of consistency in response to each professional learning activity across the three countries.

Professional learning activities valued by teacher educators	England (n=157)	Ireland (n=54)	Scotland (n=61)
Overall satisfaction with experiences of professional learning to date	3.62	3.80	3.42
Personal reading	5.14	5.00	5.36

Informal learning conversations with colleagues	4.93	4.81	5.11
Visits to other schools/teacher education institutions	4.84	4.87	4.39
Participation in professional organisations	4.70	4.56	4.50
Action Research/Practitioner research	4.75	4.61	4.48
Secondments and Sabbaticals	4.46	4.63	4.50
Role of research when studying own practice	5.50	5.30	5.45
Extent to which research is essential for the profession	5.54	5.33	5.31
On-line learning	3.44	3.89	3.98
Training activities undertaken within the institution of employment	3.84	4.13	4.03
Observations by colleagues	3.82	3.98	3.87
Developing own pedagogy	5.14	4.96	5.13
International exchange visits	4.32	4.67	4.33
Academic writing	4.36	4.56	4.17
Peer coaching	4.04	3.56	3.31

Table 2: Professional learning activities valued by teacher educators (expressed as mean value 1-6)

Areas requiring further professional learning

The numbers highlighted in bold (Table 3) represent the top *three* priorities for further professional learning identified in the three national contexts. Common to all was a need to be updated in the latest developments in teacher education. English and Scottish teacher educators prioritised curriculum development while participants from Scotland and Ireland emphasised areas associated with assessment requiring further professional learning. Of least importance in all three locations were specialisation in academic administration, coaching and mentoring of student teachers and reviewing for journal articles and conference abstracts.

Areas identified as requiring further professional learning	England (n=157)	Ireland (n=54)	Scotland (n=61)
Current developments in teacher education	4.74	4.51	4.45
Curriculum development	4.22	4.02	4.23
Scholarly writing (e.g. articles, chapters, learning materials)	4.13	3.76	3.92
Researching own practice	4.10	3.96	4.00

Research Skills	3.96	3.76	3.89
Assessment	3.95	4.17	4.05
Integrating technology into own teaching and learning strategies	3.77	4.13	3.90
Subject knowledge and enhancement	3.75	3.85	3.90
Presentation and participation at conferences	3.66	3.17	3.18
Reviewing journal articles, conference abstracts etc.	3.66	3.15	3.34
Coaching and mentoring student teachers	3.46	3.59	3.56
Specialisation in academic administration	2.32	2.52	2.39

Table 3: Areas requiring further professional learning (expressed as mean value 1-6)

Influential factors determining teacher educators' engagement in professional learning

Influential factors in teacher educators' engagement in professional learning	England	Ireland	Scotland
Extent to which the activity is associated with teaching and learning	4.78	4.75	4.77
Knowledge of who the providers are	4.74	5.02	5.08
Availability of staff cover	4.51	4.89	4.60
Extent to which a salary rise might be one outcome of the professional learning activity	2.51	2.72	2.39
Location of activity	4.40	4.65	4.32
Extent to which activity addresses research and writing skills	4.09	4.41	4.16
Networking potential	4.17	4.41	4.00
Cost of the activity	4.49	4.28	4.21

Table 4: Influential factors determining teacher educators' engagement in professional learning

Table 4 conveys that the three most influential factors determining all teacher educators' engagement in professional learning were: the extent to which activities are associated with teaching and learning; knowledge of who the providers are; and the availability of other staff to cover any teaching (and other work related activities) while attending professional learning opportunities. Our data would also appear to show that a rise in salary (if deemed potentially associated with the professional learning activity) is not considered an influential factor in engagement.

In concluding this section it is worth pointing out that the qualitative component of this survey revealed that time was the most substantial professional learning need identified in all three countries involved and in the majority of cases was mentioned alongside a greater desire to engage in research-related activities.

Discussion

We stated earlier that our starting point for teacher educators' professional development lies in their practice, which is positioned within global, regional, national and local policy contexts. Over the last twenty years, the dominant policy agenda in Western democracies has been to open up teacher education to market forces, deregulation, and cost-cutting (Davey 2013). Nowhere are these characteristics more prevalent and powerfully articulated than in England. Here, schools and universities have had to navigate their way through increasing competition, *über*-accountability and external evaluation. Many of our participants noted, for example, how this has restricted time and access to professional networks, learning activities and research related activity. One possible victim of this punitive, expansive socio-political and economic climate is, therefore, access to professional and social capital (Hargreaves and Fullan 2013), used here to describe capital associated with, for example, the complex sets of relationships between universities and schools; publishers and examination boards; teachers and teacher educators; students and 'trainees'. Ireland's attempt to minimise the number of potentially difficult and different connotations of relationships between such stakeholders is to collapse the current number of teacher education providers to six teacher education 'centres of excellence'.

Two points of commonality across the three countries are worth highlighting. First, entry into teacher education is, as our data suggests, most likely a mid-career opportunity rather than a long-term plan initiated early in a career. It is therefore important to acknowledge that while mid-career entrants generally have significant professional experience in schools, this may not encompass research activity. While the majority of participants in this study came under this category, they also work alongside younger colleagues with, often, stronger research backgrounds. For both groups to effectively share practices and experiences in future much work is needed in the silo organizational cultures currently found in many higher educational institutions (Anderson et al. 2015). The need for opportunities to generate critical, collaborative professional learning conversations has been supported in the literature (Hoban 2002; Loughran 2014), with research beginning to explore professional learning/development communities for teacher educators (Hadar and Brody 2010; MacPhail et al. 2014). This study builds on this literature, emphasising the ways in which most teacher educators from all three countries, as former teachers and researchers, want to be part of a collaborative community where they feel supported, listened to, and can share their practices and experiences. However, the extent to which collaborative communities can operate successfully is dependent on available human and material resources. Regardless of the type of development needed, or whether teacher educators came from a school-teaching or 'academic' [sic] background, participants in this study expressed a strong preference for professional learning opportunities that are continuous and experiential (e.g., working collaboratively with colleagues/experienced researchers; being mentored; being part of a team). Allocating sufficient, designated time for proper induction and professional learning would, therefore, enable policy-makers and higher education institutions to capitalise on mid-career entrants and encourage teacher educators to develop a more diversified, balanced, integrated professional profile rather than expecting them to achieve this alone.

Second, the increased national and international rankings pressure on universities has meant greater pressure on academics in teacher education, as they work to acquire a doctorate and publish in peer-reviewed research outlets (Stern 2016). Tack and Vanderlinde (2014: 314) assert that developing a researcherly disposition requires "teacher educators to intentionally study their practice and make explicit the developed knowledge on a local and public level". If teacher educators' lack of confidence in their research and writing skills, and the lack of time are barriers for teacher educators being teacher educator-researchers, then opportunities need to be created to embed research within the day-to-day practice of a teacher educator. Acknowledgment of these barriers is important, not least, when considering the future supply chain to universities of teacher educators who, as former schoolteachers, may also come from countries adopting England's increasingly school-based, occupational teacher training model rather than a more university structured initial teacher education programme. In the Scottish

professional standards for teachers there are clear expectations of teachers engaging in and with research, standards to which teacher educators need to adhere if they are to maintain their registration the General Teaching Council for Scotland (GTCS) as set out above.

These data are an early exploration of how best to support the professional development needs of university-based teacher educators. Such a development cannot be short-term or rooted in the 'now' but must seek to sustain future generations of teachers entering and, hopefully, remaining in the profession. The contribution that universities can make to their development must not be underestimated. It is essential that we do all we can to create further opportunities to learn from the very best practices in professional learning in teacher education in different local, national, regional and global contexts. We have written elsewhere (Czerniawski et al forthcoming) about our fears in regarding the potential diminution of the role research plays in the quality of initial teacher education, teacher educators' professional learning and teacher professionalism. Gewirtz (2013) argues that the danger in talking about *research-informed* teacher education is that this reinforces a reductionist, techno-engineering model of teaching where teachers, uncritically, implement 'what works'. Our study offers complex hope by showing the value teacher educators place on the role research plays in the evaluation of their own professional practice and in the education of future generations of teachers.

Concluding thoughts

Findings from our study would indicate that most teacher educators in all three locations place extremely high value on further professional learning and the role that research can play in its development. However, placing high value *on* something is not the same as engaging *in* it. We therefore argue that enacting these particular professional values is crucial if we are to avoid the pathological reductionism and mono-culturalism inherent in what McNamara and Murray (2013) have identified as an ideologically driven understanding of teaching as essentially only a 'craft' rather than a complex and fundamentally intellectual activity. The sorcerer's apprentice found himself in deep water mimicking the actions of his master without the requisite skills, knowledge and attributes, developed over time through scholarship and practice. One of the many triumphs of the European Union has been the increase in attention given to the importance of teacher educators and their scholarly capital, as 'public intellectuals' (Cochran-Smith 2006; EC 2015), in the development of the teaching profession. It would be a tragedy for teacher educators if Brexit causes a domino effect reversing this process and, in so doing, not only reduce opportunities for further professional learning, but perpetuate this overly simplistic and anti-intellectual understanding of that apprenticeship.

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