

Teacher Education and Pedagogy Theory, policy and practice

The Cambridge Teacher series

Edited by Michael Evans





> CAMBRIDGE UNIVERSITY PRESS Cambridge, New York, Melbourne, Madrid, Cape Town, Singapore, São Paulo, Delhi, Mexico City

Cambridge University Press The Edinburgh Building, Cambridge CB2 8RU, UK

www.cambridge.org Information on this title: www.cambridge.org/9781107626553

© Cambridge University Press 2013

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 2013

Printed in the United Kingdom by Printondemand-worldwide, Peterborough

A catalogue record for this publication is available from the British Library

ISBN 978-1-107-62655-3 Paperback

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication, and does not guarantee that any content on such websites is, or will remain, accurate or appropriate.



Contents

Notes on contributors

| Foreword: Peter (| Gronn (University of Cambridge) | ix |
|--------------------|---|----|
| Editor's Introduct | tion: Michael Evans (University of Cambridge) | xv |
| Chapter 1 | Analysing the fallout in teacher education: government intervention, academic drift and the higher education 'marketplace' Jean Murray (University of East London) | 1 |
| Chapter 2 | 'Interesting times', or teacher education and professionalism in a 'brave new world' Norbert Pachler (Institute of Education, London University) | 23 |
| Chapter 3 | Building social capital in teacher education through university-school partnerships Elaine Wilson (University of Cambridge) | 41 |
| Chapter 4 | Developing primary trainee teachers' professional identity on an initial teacher education course: linking course structure, professional relationships and pedagogic understanding Jane Warwick (University of Cambridge) Paul Warwick (University of Cambridge) Holly Linklater (University of Cambridge) Penny Coltman (University of Cambridge) | 60 |
| Chapter 5 | Coordinating professional development across contexts and role groups Kara Jackson (McGill University) Paul Cobb (Vanderbilt University) | 80 |

iii



| iv | Contents | |
|---------|--|-----------|
| Chapter | Perfection in teaching settling for excellence Helen Demetriou (University of Cambridge) Elaine Wilson (University of Cambridge) Mark Winterbottom (University of Cambridge) | 100 |
| Chapter | 7 Teacher education as embedded in diversity: discursive connections between theory, research and practice Lily Orland-Barak (University of Haifa) | 116 |
| Chapter | 6 'The other person in the room': a hermeneutic-phenomenological inquiry into mentors' experience of using academic and professional literature with trainee history teachers Christine Counsell (University of Cambridge) | al 134 |
| Index | | 183 |



Notes on contributors

Paul Cobb is Professor of Mathematics Education at Vanderbilt University, Nashville, Tennessee. His research focuses on improving the quality of mathematics teaching and thus student learning on a large scale, and on issues of equity in students' access to significant mathematical ideas. He received the Hans Freudenthal Medal from the International Commission on Mathematics Instruction in 2005, and is an elected member of the National Academy of Education.

Penny Coltman is an Early Years Education specialist for the University of Cambridge Faculty of Education, lecturing in science, professional studies and occasionally early mathematics. She is also responsible for aspects of quality assurance on the Early Years and Primary PGCE course. Penny's research interests include the development of self-regulation in young children and she has a particular interest in children's ability to represent their mathematical learning through developing metalanguage. Recent research has included the ChAT project (Children Articulating Thinking), which aimed at developing and assessing the impact of pedagogical interventions designed to encourage Year 1 children's metacognition, self-regulation and exploratory forms of dialogue while participating in peer- and teacher-led activities. Penny acts as the Eastern Regional Network Co-ordinator of the Cambridge Primary Review.

Christine Counsell is Senior Lecturer at the Faculty of Education, University of Cambridge. She leads the Postgraduate Certificate of Education programme for trainee secondary history teachers. Her research interests include the relationship between knowledge and concepts in history teacher practice, the development of pupils' writing in history and the changing role of school-based mentors in initial teacher education. She has published widely in history education and edits the journal *Teaching History*. She works internationally in supporting curricular and pedagogic development in history education in many countries.

Helen Demetriou obtained her Ph.D. in developmental psychology from the Institute of Psychiatry, University of London, in 1998. Currently, she is Research Associate at the Faculty of Education of the University of Cambridge and teaches on undergraduate, masters and doctoral courses. Helen's research has included: *Sustaining pupils*'



vi

Contributors

progress at year 3 (for Ofsted); Boys' performance in modern foreign languages (for QCA); Friendships and performance at transfer and transition (for DFES); Consulting pupils about teaching and learning (ESRC-funded project); How young children talk about fairness; and How pupils deal with incidents of unfairness. Helen is currently working with Elaine Wilson on a Gatsby-funded project: 'Supporting opportunities for new teachers' professional growth'.

Michael Evans is Reader in Education at the Faculty of Education, University of Cambridge. As Deputy Head of Faculty, he has had oversight of developments in the initial teacher education programmes. His research includes co-directing a national study of the impact of UK government policy on languages provision and practice at KS3 in schools in England (2009). He has published a number of papers and books in the field of foreign-language education. He is currently compiling a four-volume collection of published research papers on Second Language Education in the Routledge Major Themes in Education series.

Kara Jackson is an Assistant Professor in Mathematics Education at McGill University, Montreal, Quebec. Her research focuses on specifying forms of practice that support all learners to participate in rigorous mathematics, particularly youth who have been historically under-served in classrooms, and how to reorganize schooling contexts to support teachers to develop such forms of practice.

Holly Linklater obtained her Ph.D. in Education from the University of Aberdeen. She divides her time between teaching Year 4 in a primary school and lecturing for the University of Cambridge Faculty of Education, particularly on the Early Years and Primary PGCE and M.Ed. in Researching Practice. Holly is always an autoethnographer. Her research focuses on developing ways to articulate more fully the complexity of pedagogy, or the 'craft' of teaching. She is also deeply committed to writing and teaching about the importance of inclusive education – how schools can and must work in ways that recognize the full humanity of all children, and enhance their experiences as learners.

Jean Murray is Professor of Education and the Research and Knowledge Exchange Leader in the Cass School of Education and Communities at the University of East London. She has worked in university-based teacher education for more than twenty years. Her research includes sociological and historical analyses of teacher education policies and practices. Jean has a particular interest in research-capacity building in teacher education and has led a number of national projects in this area, including establishing the Teacher Education Research Network (TERN) for the ESRC.



vii

Contributors

Lily Orland-Barak is Professor in Education and Dean of the Faculty of Education, University of Haifa. Her research focuses on professional learning, mentoring and curriculum development in the context of teacher education. She has published numerous articles on these topics, and serves on national and international academic committees and editorial boards. Her recent book *Learning to mentor-as-praxis:vww foundations for a curriculum in teacher education* (2010, published by Springer), was awarded the Division K 2012 Exemplary Research in Teaching and Teacher Education Award at the American Educational Research Association (AERA), Vancouver.

Norbert Pachler is Professor of Education and Director of International Teacher Education at the Institute of Education, University of London. Over the last ten years or so he has worked for the Deanery at the Institute, *inter alia* as Acting Dean for Initial and Continuing Professional Development. Between 2005 and 2010 Norbert was Co-director of the Centre for Excellence in Work-Based Learning for Education Professionals (www.wlecentre.ac.uk). Through this WLE work he fostered technology-enhanced approaches in work-based learning by facilitating innovation and developing new concepts and theoretical thinking. In 2007 he founded the international, interdisciplinary London Mobile Learning Group (www.londonmobilelearning. net), which he convenes. The group comprises researchers in the fields of cultural and media studies, sociology (social) semiotics, pedagogy, educational technology, work-based learning and learning design. His research interests include the application of new technologies in teaching and learning, teacher education and development, and all aspects of foreign language teaching and learning.

Jane Warwick is the Early Years and Primary PGCE Course Manager at the Faculty of Education, University of Cambridge. In this role she coordinates all aspects of the taught Faculty course and school-based elements of the course and currently teaches Professional Studies and Physical Education. She is particularly interested in developing partnerships with local schools. Her research interests include teachers' professional development, specifically in the area of mentoring, and she co-ordinates the Experienced Mentors course. Recent research has included how to support male trainees on an Early Years and Primary PGCE course as a minority group and teachers' development on the ChAT project, a Faculty-based research project exploring the development of children's metacognition through dialogue.

Paul Warwick is engaged in a range of research and teaching activities in the Faculty of Education at the University of Cambridge that link directly with his interests in primary science education, the uses of ICT in teaching and learning, and the professional development of trainee and beginning teachers. Paul is a member of the Early Years and Primary Masters PGCE team, for which he also acts as Chair of Examiners



viii

Contributors

for assignments. He is a member of the editorial board of *Reflective Teaching*, led by Professor Andrew Pollard, and is the external examiner for Primary PGCE at York St John University.

Elaine Wilson is a Senior Lecturer in Education at the Faculty of Education, University of Cambridge. As Secondary PGCE Course Manager and Science M.Ed. Route Coordinator, she has extensive experience of working with new and recently qualified teachers. Her recent research was funded by the Gatsby Charitable Foundation and focused on the learning and lives of new teachers. She has published a number of papers in the field and has just edited the second edition of *School based research: a guide for education students*, published by SAGE.

Mark Winterbottom is a Lecturer in Education at the Faculty of Education, University of Cambridge. He teaches on the Secondary PGCE and Masters in Education courses, and undertakes continuing professional development courses, both in the UK and internationally. His research interests include aspects of science education, teacher education, classroom environment, and use of new technologies in education. He currently runs an EU-funded project in inquiry-based Science education. Mark has contributed to a number of books for teachers, and has authored several textbooks for use in schools.