

1980-81

MEDICAL PSYCHOLOGY UNIT

Department of Paediatrics and Social & Political Sciences Committee

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The work of the Unit is mainly concerned with research on child development, with particular emphasis on the growth and influence of parent-child relationships and the effect of medical practice on children and parents. In several projects we work closely with the Consultant Paediatricians at Addenbrooke's Hospital. Much of our work is supported by grants from the Social Science Research Council, the Department of Health and Social Security and through studentships from the Medical Research Council and the Social Science Research Council. Members of the Unit teach for various departments in the University, especially Social & Political Sciences, Experimental Psychology, the Medical Sciences Tripos and the Department of Paediatrics.

The status of the Unit within the University is about to undergo a change so that we will become formally attached to the Department of Paediatrics (Professor John Davis) and the Social & Political Sciences Committee. At the same time our title will be altered and we shall become the "Child Care & Development Group". It is expected that these changes will take place from 1st November 1980. These changes do not signal any shift in policy as regards the Unit's work.

Barbara Antonis is working on the social and cognitive development of the 5½ year olds in the longitudinal study and how this development relates to parental and child measures at earlier ages, including the mothers' pregnancies.

Roger Bacon is working on a 3½ year project for the DHSS on the identification, management and treatment of child abuse in Cambridgeshire. His particular area of interest is in social work and child-care services, and the attitudes of abusing and 'at risk' parents and families.

Frances Barnes is engaged on a study of the children in the longitudinal study at 2½-3 years - focusing on patterns of communication in the family, in as far as it is informative about underlying relationships. Work continues on the relationships between pregnancy factors, the children's status at birth and their later development.

Denise Campbell is working on a study to evaluate the effect of changes in admission policies to SCBU on neonatal morbidity. As a result of a stricter criterion for admitting babies to the Peterborough SCBU the admission policies between January 1st 1979 and June 30th 1979 are compared with the 6 month period from January 1st 1980 to June 30th 1980. In an effort to assess the benefits of varying admission policies particular emphasis will be placed on understanding why standards of selection to SCBU vary between Units. Work in the study also involves a follow-up of SCBU babies born in 1975 at the Cambridge Maternity Hospital with the aim of measuring their quality of life on a wide range of health problems.

John Clark is working on a map of mental states, based on descriptions of ordinary life, mental illnesses, hallucinogenic drug states and mystical states. He hopes to show the characteristic course of mental illnesses by plotting people's mental states against time.

Shelley Day is beginning a study of the psychological effects on women of obstetric medicine, with interest in the outcomes of both home and hospital deliveries, focussing on "post-natal depression", the psychology and politics of childbirth/motherhood/mental health.

Margaret Dyson is working on a 15 month feasibility study for a larger scale project on the effects of marital separation on parents and children funded by the DHSS.

Iain Farquahar is completing his thesis on Transcendental Meditation, and is also employed on the DHSS project headed by Roger Bacon (see above).

Chris Henshall is working on a study of children's concepts of gender and gender roles, and the relationship of these concepts to their own behaviour and to their parents' behaviour and attitudes.

Elsbeth Highkin is studying the way Cambridge students see themselves within the University, their expectations, satisfactions and frustrations and the ways in which they handle stress.

Cornelius Katona is working on a study of primiparous women having their babies in Cambridge. He is interested in their initial expectations and final assessment of antenatal classes and the relationship between the actual influence the classes have and the aims of the staff who conduct them.

Jane Kenrick is working on family ideology, concentrating on the impact of separation and divorce on couples with children.

Martin Richards is working under a contract from the SSRC (with Jane Kenrick) on a study of ideologies of parenthood. His part of the project has concentrated on a study of fatherhood, both as a social institution and of the experiences of men with their children.

Work has also recently begun on a feasibility study for a follow-up project on separating parents and their children supported by the DHSS (with Margaret Dyson). The aim is to contact people at the point when they separate and follow them until a new living pattern has emerged. A variety of interview techniques will be used with the adults and children. A particular focus of the study is the arrangements made for the children after separation.

Jane Selby is working on the social and psychological issues of being a career woman, especially in academia as research students. Also methodological issues in social psychology.

Stephen Scott, with the help of Penny Lucas (and funded by a grant from the International Wool Secretariat) is investigating the effect of a change of bedding texture on the behaviour of premature babies in incubators. Preliminary findings show that a switch from cotton to lambswool leads the babies to grow more quickly (weight gain rate increases by 30% or more) and to be calmer (rapid movements reduced by 60% or more). He is also involved in organising discussion groups for hospital personnel at all levels to explore feelings which arise while working with patients.

Martin Stone is engaged in a study of the relationship between the theoretical development of Psychology and Psychiatry, and their current areas of practice within the Medical Health Services.

Anne Weissman is observing potential differences in interactions between depressed mothers and their infants, and non-depressed mothers and their infants, the impact of maternal depression on the infants' early cognitive development - for instance, on the formation of object concept - will be examined.

Professor Susan B. Crockenberg from the University of California at Davis will be working in the Unit from March-July 1981. She is the Associate Professor of Human Development in the Department of Applied Behavioral Sciences at Davis.

Dr. Jean-Francois Saucier from the Faculty of Medicine, University of Montreal will be joining the unit for a year from July 1981.

Recent and forthcoming publications

- Antonis, B. "The First Pregnancy: Mothering and attitudes to it in working and non-working mothers." Unpublished Ph.D. dissertation.
- Antonis, B. 'Motherhood and mothering' - to appear in the book of the Women in Society Course. Virago, 1980.
- Antonis, B., Allport, A. and Reynolds, P. 'On the division of attention: A disproof of the single channel hypothesis.' Quart. J. Exp. Psychol. 1972, 24(2), 225-235.
- Bacon, R. Problems in the relationship between Sociological Theory and Sociological Practice with special reference to the interpretation of attempted suicide by drug overdosing. Ph.D. Thesis, University of Cambridge.
- Bacon, R. Management of Resources for fostering and adoption in Region 5. A Study of Needs and Resources for Substitute Family Care. A confidential Report to the DHSS. (A summarised Report is published by the Association of British Adoption & Fostering Agencies).
- Bacon, R. Organization and Practice. Adoption and Fostering.
- Bacon, R. 'Breaking Cycles' - a Review of 'Cycles of Disadvantage'. Adoption & Fostering.
- Bacon, R. Child-Care and Child-Abuse - Connections & Implications. Adoption & Fostering, December 1977.
- Bacon, R. Lack of Planning, Lack of Care. A Re-examination of the Wayne Brewer Report, to be published in Cranfield Social Policy Studies, Vol. 2.
- Bacon, R. Some Conceptual & Methodological Problems in Preventive Police Research. In The Cranfield Papers "The Proceedings of the 1978 Cranfield Conference on the Prevention of Crime in Europe". Peel Press, 1979.
- Barnes, F. Birth of a Ngoni child. Man, 49.
- Barnes, F. Palaeolithic Man. In 'Insight on Human Biology', Australian Broadcasting Commission, pp. 23-28, Sydney.
- Barnes, F. 'Biology of Man' ed. Stephen Boyden. Australian National Univ. Press.
- Barnes, F. On having a relatively poor status at birth: some characteristics of the children and their mothers. Paper presented at the Spastics Society Developmental Neurology Meeting Oxford, September 1974.
- Barnes, F. Handedness and Birth Stress in a Sample of Normal Children. New Scientist 67, No. 959, 25 July 1975.
- Barnes, F. Accidents in the first three years of life. Child: care, health and development 1975, 1, 421-433.
- Campbell, D. Smoking Policies in Canadian Hospitals. Dimensions in Health Services, 53, 12, 1976.
- Bakal, D., I. Routman & D. Campbell. Drug Use in Rural Alberta. Internal Report Series EAD-76-84, NMUD, Ottawa, 1976.
- Campbell, D. Acute Drug Poisonings: A Review. Internal Report Series EAD-77-106, NMUD, Ottawa, 1976.
- Clark, J.H. The varieties of ineffability. In "The Proceedings of the Colloquy of European Psychologists of Religion", Nijmegen, The Netherlands, 1979.
- Dunn (Bernal) J.F. Crying during the first 10 days of life, and maternal responses. Developm. Med. Child Neurol. 14, 362-72, 1972.
- Dunn (Bernal) J.F. Attachment: some problems and possibilities. In M.P.M. Richards (ed.) 'The Integration of a Child into a Social World.' Camb. Univ. Press, 1974.
- Dunn (Bernal) J.F. Night Waking in the first 14 months. Developm. Med. Child Neurol. 15, 760-769, 1973.
- Dunn(Bernal) J.F. Consistency and change in maternal style. Parent-Infant Interaction. Ciba Foundation Symp. No.33, Elsevier, 1975.

- Dunn, J.F. Patterns of early interaction: continuities and consequences. In H.R. Schaffer (ed.) 'Studies in Mother-Infant Interaction.' Academic Press 1977.
- Dunn (Bernal) J.F. & Richards, M.P.M. Social interaction in the first days of life. In H.R. Schaffer (ed.) 'The Origins of Human Social Relations.' Academic Press, 1971.
- Dunn (Bernal) J.F. & Richards, M.P.M. What can the zoologist tell us about human development? In A.S. Barnett (ed.) 'Ethology and Development' (Little Clinics Clubs in Developm. Med. No.47). Spastics Society/Heinemann Medical Books, 1973.
- Dunn (Bernal) J.F. & Richards, M.P.M. Observations on the developing relationship between mother and baby in the neonatal period. Presented at the Loch Lomond Symposium on Mother-Infant Interaction and to appear in 'Studies in mother-infant interaction' by H.R. Schaffer. Academic Press, 1977.
- Hawthorne, J.T. Ways of increasing the support for mothers of low-birthweight babies. Paper discussed at Seminar on Special Care Baby Units, Medical Psychology Unit, Cambridge. 2nd February 1977.
- Hawthorne, J.T., Callon, M. & Richards, M.P.M. A Study of parental visiting of babies in a special care baby unit. A chapter for Separation and Special Care Baby Units: Brimblecombe, Richards & Robertson (Eds.) Spastics Publications/Heinemann Medical Books, Clinics in Developmental Medicine No. 68, 1978.
- Hawthorne, J.T. A Guide for Parents of Babies in the Special Care Baby Unit (1977,; 1978). Booklet in use at The Maternity Hospital, Mill Road, Cambridge.
- Hawthorne, J.T. An intervention study: Can you persuade staff to change routines in a special care baby unit? Paper presented at BSA Medical Sociology Conference, York. September, 1978.
- Hawthorne, J.T. Introduction to "A New Life: Pregnancy and Parenthood" Marshall Cavendish Publications 1979.
- Hawthorne, J.T. In progress: Ph.D. thesis: "The effect of different routines in a special care baby unit on the mother-infant relationship: An intervention study."
- Henshall, C.H. The Ontogenesis of Gender Identity and Gender Roles: A review of the literature and a research proposal. Unpublished paper, 1977.
- Henshall, C.H. Relationships between nursery school children's understanding of gender and gender roles, and the gender stereotyping in their observed behaviour. Paper presented at the BPS annual conference, 1980.
- Highkin, E.G. A brief look at current concepts of depression. Unpublished paper, 1979.
- Ingleby, D. Critical Psychiatry: The Politics of Mental Illness (editor). New York: Pantheon, 1980; Harmondsworth: Penguin, 1981.
- Ingleby, D. 'Psychoanalysis and Ideology'. To appear in Toward a Critical Developmental Psychology, ed. J.M. Broughton.
- Ingleby, D. 'Insanity and Intelligibility: A critique of Coulter's ethnopsychiatry'. To appear in The Problem of Medical Knowledge, ed. A. Treacher and P. Wright (Edinburgh University Press).
- Ingleby, D. Review of Museums of Madness, by Andrew Scull. *Sociology* 13 (1979), 541-542.
- Ingleby, D. Review of Action, Gesture and Symbol, ed. Andy Lock. *European Journal of Social Psychology* 10 (1980, 319-328).
- Ingleby, D. 'Freud and Piaget: The phoney war'. Paper presented at the First World Congress on Infant Psychiatry, Cascais, Portugal, 1980 (unpublished).
- Ingleby, D. 'The Politics of Psychology: Review of a decade' (unpublished).
- Light, P. The Development of Social Sensitivity. A Study of Social Aspects of Role-Taking in Young Children. Camb. Univ. Press.
- Richards, M.P.M. (ed.) 'The Integration of a Child into a Social World.' Camb. Univ. Press, 1974. Chapter: First steps in becoming social.

- Richards, M.P.M. An ecological study of infant development in an urban setting in Britain. In P.H. Leiderman, S.R. Tulkin & A. Rosenfeld (eds.) 'Culture and Infancy.' Academic Press, 1977.
- Richards, M.P.M. Non-accidental injury to children in an ecological perspective. In 'Non-accidental injury to children.' DHSS, HMSO 1975.
- Richards, M.P.M. Feeding and the early growth of the mother-child relationship. In Kretchmer, N., Rossi, E. and Sereni, F. (Eds.) 'Modern Problems in Pediatrics.' No. 15 Milk & Lactation. Karger, Basel, 1975.
- Richards, M.P.M. Interaction and the concept of development: the biological and the social revisited. In 'Interaction, Conversation and the Development of Language.' M. Lewis and A. Rosenblum (eds.), New York, John Wiley, 1977.
- Richards, M.P.M. History and the Study of Child Development. Presented at the 3rd Biennial Conf. of the ISSBD, Guildford, July 1975.
- Richards, M.P.M. Innovation in Medical Practice: obstetricians and the induction of labour in Britain. Social Science & Medicine 9, 595-602, 1975.
- Richards, M.P.M. Parents and children and non-accidental injury. In A. White Franklin (ed.) 'The Challenge of Child Abuse', Academic Press, 1977.
- Richards, M.P.M. Effects on infant behaviour of analgesics and anaesthetics used in obstetrics, Paper presented at 5th Conf. of the Europ. Teratology Soc., Italy, 1976.
- Richards, M.P.M. The induction and acceleration of labour: some benefits and complications. Early Human Developm., 1, 3-17, 1977.
- Richards, M.P.M. A place of safety? An examination of the risks of hospital delivery. In 'The Place of Birth, J. Davis and S. Kitzinger (eds.) Oxford Univ. Press, 1978.
- Richards, M.P.M. Social relationships during infancy (Conduites du bebe: les fonctions de relations sociale). Part II Chapter 6, La Psychologie. 1'Encyclopedie de la Pleiade, J. Piaget, J.P. Brouckart & P. Mounoud (eds.) Paris, Gallimiard, in press 1979.
- Richards, M.P.M. Public Health & Medical Practice. In R. Monroe & M. Wilkins (eds.) The Biosciences & Society. Liverpool Univ. Press, in press.
- Richards, M.P.M. & Bernal, J.F. An observational study of mother-infant interaction. In 'Ethological Studies of Child Behaviour', N. Blurton Jones (ed.). Cambridge Univ. Press, 1972.
- Richards, M.P.M., Bernal, J.F. & Brackbill, Y. Early behavioural differences: gender or circumcision? Developmental Psychobiology 9, 89-95, 1976.
- Richards, M.P.M., Dunn, J.F. & Antonis, B. Caretaking in the first year of life: The role of fathers and mothers' social isolation. Child: care, health and development 3, 23-36, 1977.
- Richards, M.P.M. & Robertson, N.R.C. Admission and discharge policies for special care baby units. In Brimblecombe, Richards and Robertson (eds.) (see below).
- Chalmers, I. & Richards, M.P.M. The effectiveness of present day obstetric practice. In Chard & Richards (eds.) (see below).
- Chard, T. & Richards, M.P.M. (eds.) Hazards and Benefits of the New Obstetrics. Clinics in Developm. Medicine, Spastics Publications, No. 64, 1977.
- Chisholm, J.J. & Richards, M.P.M. Swaddling, cradleboards and the development of children. Early Human Developm. 2, 255-275, 1978.
- Hawthorne, J.T., Richards, M.P.M. & Callon, M. Parental visiting of children in a special care nursery. In Brimblecombe, Richards & Robertson (eds.) (see below).
- Brimblecombe, F.S.W., Richards, M.P.M. & Robertson, N.R.C. (eds.) 'Early Separation & Special Care Nurseries'. Clinics in Developm. Medicine No. 68. Spastics Publications, 1978.

- Richards, M.P.M. Effects on development of early separations of parents and children. In D. Schaffer & J.F. Dunn (eds.) 'The First Year of Life', London, John Wiley, 1980.
- Richards, M.P.M. Psycho-social implications of breast-feeding. In 'Nutrition and Growth of the Fetus', H.K.A. Visser (ed.), Martinus Nijhoff, The Hague, 1980.
- Richards, M.P.M. The Biological and the Social. In 'Action, Gesture & Symbol', A. Lock (ed.), Academic Press, 1978.
- Richards, M.P.M. Conception, Pregnancy & Birth - a perspective from developmental psychology. Paper presented at the International Cong. for Psychosomatic Medicine in Obstetrics & Gynaecology, Rome 1977.
- Richards, M.P.M. Perinatal morbidity & mortality in private obstetric practice. J. Maternal & Child Hlth, Sept. 1979.
- Richards, M.P.M. Developmental Psychology & Social Policy. Paper for Open Univ. Course team on Cognitive Psychology, 1978.
- Richards, M.P.M. Forced Labour. General Practitioner May 25, 1979.
- McPherson, A., Richards, M.P.M. & Chalmers, I. Developing a bibliography of randomized controlled trials in perinatal medicine. Report submitted to the Family Health Division. W.H.O 1979.
- Richards, M.P.M. Aspects of Development in Contemporary Society. Papers presented at The Eugenics Society Symposium on Changing patterns of child-bearing and child rearing London, and to be published in The Proceedings.
- Richards, M.P.M. Infancy: W-rld of the Newborn. Life Cycle Books/Harper & Row, 1980.
- Richards, M.P.M. Fathers and Fatherhood. Penguin Books, in preparation, 1981.
- Weissman, Anne (1981) The Affect-Cognition Interplay in Infants during Object Concept Formation & the Emergence of Language. Proc. 1st Int. World Cong. on Infant Psychiatry. Basic Books, New York.

CURRENTLY WORKING IN THE MEDICAL PSYCHOLOGY UNIT

- BARBARA ANTONIS, B.Sc. The first pregnancy and attitudes to mothering of working and non-working women. Follow-up at 4 and 5½ years of the 100 longitudinal study children.
- ROGER BACON, M.A., Ph.D. Non-accidental injury to children.
- FRANCES BARNES, M.B., B.Chir. Follow-up at 3 years of the 100 longitudinal study children. Development of autonomy in children and patterns of communication within the family.
- JILL BROWN, Assistant Secretary.
- DENISE CAMPBELL, M.A. 4th year research student. Epidemiology of Perinatal Mortality.
- JOHN CLARK, M.A., M.B., B.Chir., D.P.M. Senior Lecturer, on Sabbatical leave from the Department of Psychology, University of Manchester, until September 1981.
- SHELLEY DAY, 2nd year Research Student, studying the psychological effects of obstetric medicine on women.
- MARGARET DYSON, Research Assistant, working on 'Separating Parents and their Children'.
- IAIN FARQUAHAR, M.A. Research Assistant. Non-accidental injury to children.
- CHRIS HENSHALL, B.A. 4th year Research Student, (SSRC). Gender and sex-role development.
- ELSPETH HIGHKIN, 3rd year Research Student. Studying stress in University students.
- CORNELIUS KATONA, M.A., M.B., B.Chir. Travelling Fellow of the Mental Health Foundation. Aims and effects of antenatal classes.
- JANE KENRICK, Research Assistant. Working on family ideologies.
- PHYLLIS OSBOURN, Unit Secretary.
- MARTIN RICHARDS, M.A., Ph.D. Lecturer in Social Psychology. Longitudinal study of parent-child relationships. Effects of medical practice on child development. Fathers.
- JANE SELBY, M.A. 4th year Research Student (SSRC). Working on the social and psychological issues of being a career woman.
- MARTIN STONE, 1st year Research Student. Studying the relationship between the theoretical development of Psychology and Psychiatry and their current areas of practice within the Medical Health Services.
- ANNE WEISSMAN, M.A. (N.Y. Univ.), 2nd year Research Student, observing the potential differences in interaction between depressed/non-depressed mothers and their infants.

ASSOCIATED

- DAVID INGLEBY, Social & Political Sciences, Free School Lane, Cambridge.
- AIDAN MACFARLANE, Paediatric Consultant, 6 Cobden Crescent, Oxford.
- ELENA LIEVEN, Department of Psychology, University of Manchester.

ASSOCIATED WITH THE UNIT IN THE RECENT PAST

HEALTH EDUCATION COUNCIL - DENTAL HEALTH PROJECT

- Mike Craft, Ray Croucher and Ann Gilbert. Now at Addenbrooke's Hospital, Trumpington Street, Cambridge.

PAST RESEARCH STUDENTS

TONY BOOTH, now a tutor at the Open University, Milton Keynes.

JENNY CORRIGALL, now at Commissioners Cottages, Swaffham Prior Fen
Cambridge.

JUDY DUNN (formerly BERNAL), now at the Sub-department of Animal
Behaviour, High Street, Madingley, Cambridge.

JOANNA HAWTHORNE, now working in Chicago. (Home address: 932 East 56th
Street, No.2, Chicago, Illinois 60637, U.S.A.).

NICHOLA JACQUES, now at the Paediatric Research Unit, Royal Devon &
Exeter Hospital (Heavitree), Gladstone Road, Exeter, Devon.

GRAHAM RICHARDSON, now at 25 Falkland House, Marloes Road, London W85LF

CATHY URWIN, now at the University of Warwick, Coventry.

MIKE WOOD, now at 654 Finchley Road, London NW11 7NT.