

## CURRICULUM VITAE

**Name:** John BRIAN Hopkins      **Date of birth:** 26.4.40

**Home address:** 9, Pinewood Close, Lancaster LA1 4YF, England

### **Academic qualifications:**

1961: Teacher's Certificate, University of London

1962: Diploma in Physical Education, St. Mary's College,  
Twickenham, Middlesex, England

1976: PhD, University of Leeds

2003: Honorary doctorate, Umeå University

### **Present positions:**

1995 - 2005: Professor, Department of Psychology, Lancaster University,  
Lancaster, England (from 2005, Professor Emeritus)

1998 - : Visiting Professor, Department of Sports Sciences, Norwegian  
University of Science and Technology NTNU, Trondheim, Norway

### **Previous positions:**

1962 - 1964: Assistant teacher in Physical Education, St. Pius X Mixed School,  
Manchester, England

1964 - 1966: Head of P.E. Department, St. Pius X Boy's School, Manchester

1966 - 1968: Head of P.E. Department, St. Peter's Grammar School, Manchester

1971 - 1973: Leverhulme Research Officer, Anstey College of Physical  
Education, Sutton Coldfield, England

1973 - 1975: Research Fellow, Hester Adrian Research Centre, University of  
Manchester, England

1975 - 1986: Lecturer/Senior Lecturer, Department of Developmental Neurology,  
Faculty of Medicine, University of Groningen, The Netherlands

Adjunct Lecturer, Department of Clinical Psychology, Faculty of Psychology, Pedagogics and Sociology, University of Groningen

1986 - 1995: Professor and Head, Department of Educational Sciences, Faculty of Human Movement Sciences, Free University Amsterdam, The Netherlands

Director, Interfaculty research programme: Longitudinal research on children with developmental risks, Free University Amsterdam

1987 - 1995: Director, Graduate Institute, Faculty of Human Movement Sciences, Free University Amsterdam

1988 - 1995: Assessor of professorial staff, Faculty of Human Movement Sciences, Free University Amsterdam

1990 - 1993: Dean, Faculty of Human Movement Sciences, Free University Amsterdam

1997 - 2000: Visiting Professor, Department of Psychology and Sports Sciences, Norwegian University of Science and Technology NTNU, Trondheim, Norway

2000 - 2001: Visiting Professor, Department of Psychology, Umeå University, Sweden

2001-2003: Head of Department, Department of Psychology, Lancaster University

**Teaching experience:**

1971 - 1973: Statistics and research methodology, 4th. Year BEd students, Anstey College of Physical Education

1976 - 1986: Development of early communication, human biology, medical students, Department of Developmental Neurology, University of Groningen

Developmental psychobiology and psychopathology, final year psychology students, Department of Clinical Psychology, University of Groningen

1986 - 1995: Pre- and postnatal development of motor behaviour, first year students, Faculty of Human Movement Sciences, Free University Amsterdam

Development of at-risk children, second and third year students, Faculty of Human Movement Sciences, Free University Amsterdam

Biopsychology of disturbed behaviour, third and fourth year students, Faculty of Human Movement Sciences, Free University Amsterdam

Responsible for :

- initiation of a study module entitled "Child Therapy". Started in 1989, this module attracted more than 30 physio- and occupational therapists to pursue a Master's level degree in Human Movement Sciences

- establishing two special chairs for teaching on the development of communication (Prof. H. Papousek) and developmental neurobiology (Prof. A. Gramsbergen) within the Department of Educational Sciences

Jointly responsible for ERASMUS staff and student exchange programmes with Departments of Psychology at the universities of Stirling, Groningen, Paris V, Florence, Bologna, Calabria and Umeå

1995 - : Practicals and seminars in experimental psychology, first year students, Department of Psychology, Lancaster University

Introductory developmental psychology, second year students, Department of Psychology, Lancaster University

Neurophysiology of the motor system, second year students, Department of Psychology, Lancaster University

Advanced developmental psychology, third year students, Department of Psychology, Lancaster University

History and concepts of psychology, third year students, Department of Psychology, Lancaster University

Concepts in developmental psychology and psychopathology, third year students, Department of Psychology, Lancaster University

Developmental disorders, MSc students, Department of Psychology, Lancaster University

Responsible for:

- SOCRATES graduate student exchange programme with Departments of Psychology at the universities of Duesto, Eichstätt and Umeå, and the Faculty of Human Movement Sciences, Free University Amsterdam (1995-1998)

- coordination of third year research projects, Department of Psychology, Lancaster University (1996-1999)

**Membership of committees:**

Member of Student Assessment Committee, Faculty of Human Movement Sciences, Free University Amsterdam (1986-1990)

Chairman of Examination Committee, Faculty of Human Movement Sciences, Free University Amsterdam (1988-1990)

Chairman of Search Committee for Chair in Psychology, Faculty of Human Movement Sciences, Free University Amsterdam (1990)

Member of Research Committee, Faculty of Human Movement Sciences, Free University Amsterdam (1991-1995)

Member of Committee for Promoting International Contacts in Research and Teaching, Faculty of Human Movement Sciences, Free University Amsterdam (1991-1995)

Member of College of Deans, Free University Amsterdam (1990-1993)

Member of University Research Committee (UTC), Free University Amsterdam (1990-1993)

Member of University Foundation Committee, Free University Amsterdam (1990-1993)

Chair of Scientific Committee, XIIIth. Biennial Meetings of the International Society for the Study of Behavioural Development, Amsterdam (June 28-July 2, 1994)

Organiser of the VIth International Workshop on Infant Crying, Bowness on-Windermere, England, July, 1997

Member of Research Committee, Department of Psychology, Lancaster University (1996-1998)

Member of Resources Committee (with special responsibility for technical staff), Department of Psychology, Lancaster University (1996-1999)

Member of Organising Committee, XIIIth. Annual Winter Conference on Current Issues in Developmental Psychobiology, Puerto Vallarta, Mexico (January 8 -11, 1998)

Member of the Research Assessment Committee for Dutch Psychology (1998-1999)

Chair, Teaching Committee, Department of Psychology, Lancaster University (1999-2000)

**Postgraduate supervision:**

1975-1995: Supervisor for over 60 theses at the Masters level

1980 - 1986: PhD (part-time): Neural maturation and early social behaviour: A longitudinal study of mother-infant interaction

1986-1989: PhD: Fetal heart rate and movements

1988 -1991: PhD: Small-for-gestational infants: asphyxia and brain development

1988-1991: PhD: Growth of interhemispheric functions: aspects of corpus callosum development

1988-1993: PhD: Early motor development in preterm infants

1988-1993: PhD: The development of early communication in preterm infants

1989-1993: PhD: Posture and motility in preterm infants: a clinical approach

1992-1996: PhD: Grasping developmental change: theory, methodology and data

1990-date: PhD (part-time): Motor and speech development in preterm children

1991-date: PhD (part-time): Development of posture in the human fetus: an ultrasonographic study

1992-2000: PhD (part-time): Spontaneous kicking in preterm infants with brain damage

1993-1999: PhD (part-time): Visual guidance of interceptive actions in infants

1995-1999: PhD: Vision and grip coordination in reaching and grasping

2000-2003: PhD: Attention for action

2005- : PhD: The function of motor resonance: Evidence from response-stimulus paradigms

**Research funding:**

1980: 300,000 Dutch guilders, The Netherlands Foundation of Health Research (MEDIGON) Medical and

1986: 80,000 Dutch guilders, Winthrop-Phelps Society for Cerebral Palsy

1987: 58,000 Dutch guilders, University Stimulation Fund

1988: 13,000 Dutch guilders, Winthrop-Phelps Society for Cerebral Palsy

1988: 20,000 ECUs, European Science Foundation

1989: 60,000 Dutch guilders, Winthrop-Phelps Society for Cerebral Palsy

1990: 20,000 ECUs, European Science Foundation

1990: 16,000 Dutch guilders, Winthrop-Phelps Society for Cerebral Palsy

1990: 6,400 Dutch guilders, Witte Bedjes/Het Parool

1991: 300,000 Dutch guilders, Royal Netherlands Society of Science

1992: 120,000 Dutch guilders, Netherlands Organisation for Pure Science (PSYCHON)

1993: 300,000 Dutch guilders, Royal Netherlands Society of Science

1996: 2,000 pounds sterling, Lancaster University Research Committee

2000: 45,000 pounds sterling, Swedish Foundation for University Research

**Editorial and reviewing work:**

Chief Editor, Infant and Child Development

Chief Editor, Advances in Infancy Research Monograph Series

Chief Editor, Cambridge Encyclopedia of Child Development

Member, Editorial Board, Human Movement Science

Member, Editorial Board, New Ideas in Psychology

Member, Editorial Board, Bewegen en Hulpverlening

Member, Editorial Board, Developmental Psychobiology  
 Member, Editorial Board, Infant Behavior and Development

Associate Editor, Journal of Human Movement Studies

Corresponding Associate Commentator, The Behavioral and Brain Sciences

Occasional reviewer: Annals of Neurology, Behaviour, Behavioural Brain Research, Behavioural Processes, British Journal of Developmental Psychology, British Journal of Educational Psychology, British Journal of Psychology, Cerebral Cortex, Child Development, Developmental Science, Developmental Medicine and Child Neurology, Developmental Psychology, Developmental Psychobiology, Early Human Development, Infancy, Infant Behavior and Development, International Journal of Behavioral Development, Journal of Cross-Cultural Psychology, Journal of Pediatrics, Laterality, Pediatric Research, Pediatrics, Nederlands Tijdschrift voor Fysiotherapie, Nederlands Tijdschrift voor Psychologie, Parenting: Science and Practice

Reviewer for research proposals submitted to: Netherlands Organization of Science, Royal Dutch Academy of the Sciences, NATO, European Science Foundation, U.K. Economic and Social Research Council, Wellcome Trust, Leverhulme Trust, the Slovakian Ministry of Education and Science, UK Biological Research Council

Reviewer for symposium proposals submitted to: International Society for Infant Studies, Society for Research in Child Development and the International Society for the Study of Behavioural Development

**Membership of academic bodies:**

Fellow of the Royal Statistical Society

Fellow of the Academy for Research in Learning Disabilities

Member of the European Brain and Behaviour Society

Member of the International Society for the Study of Behavioural Development

Member of the International Society for Infant Studies

Member of the International Research Group on Developmental Psychobiology

Member of the Netherlands inter-university study group on methodology in perinatal medicine

Member of the work group Developmental Psychology, The Netherlands Organisation for Pure Science (PSYCHON)

Member of the national work group on Developmental Transitions, The Netherlands Organisation for Pure Science (PSYCHON)

**Special interests in psychology:**

Brain and behaviour development in infancy

Motor development

Mother-infant communication

Cross-cultural psychology

Theory and concepts in developmental psychology and psychopathology

Research methods and statistical analyses applicable to the study of development

**Publications:**

HOPKINS, B. Proprioception and/or kinesthesia. *Perceptual and Motor Skills*, 1972, 32, 431-435.

HOPKINS, B. A cross-cultural model of physical activity and its application to the Old Order Amish. *Papers in Education*, 1972, Monograph No. 2.

HOPKINS, B. Body-build stereotypes. In: Whiting, H.T.A. (Ed.), *Readings in sport psychology*. London: Kimpton, 1973, pp. 26-33.

HOPKINS, B. Body-build stereotypes in cross-cultural perspective. *Perceptual and Motor Skills*, 1973, 37, 313-314 (also published in Logan, K. & Kness, D., Eds., *Classical readings in clothing*. New York: NYU Press, 1975).

HOPKINS, B., & WOBER, M. Games and sports: missing items in cross-cultural psychology. *International Journal of Psychology*, 1973, 8, 5-14.

HOPKINS, B. Design modifications to the Lewis-Wilson infant stabilimeter. *Journal of Experimental Child Psychology*, 1973, 15, 549-550.

HOPKINS, B. Some alternatives to traditional significance testing. *British Journal of Education*, 1973, 11, 19-21.



HOPKINS, B. Educational research and Type III errors. *Journal of Experimental Education*, 1973, 41, 31-33.

HOPKINS, B. Culturally-determined patterns of handling the human infant. *Journal of Human Movement Studies*, 1976, 2, 1-27.

HOPKINS, B. Considerations of comparability of measures in cross-cultural studies of early infancy. In: Poortinga, Y.H. (Ed.), *Basic problems in cross-cultural psychology*. Amsterdam: Swets & Zeitlinger, 1977, pp. 36-46.

HOPKINS, B. Infant intelligence: fact or fiction? *Educational Studies*, 1978, 4, 249-265.

HOPKINS, B. Review of *Cross-cultural Child Psychology* by Werner, E.E. *Journal of Cross-Cultural Psychology*, 1980, 11, 385-388.

HOPKINS, B. Bespiegelingen en observaties met betrekking tot de betekenis van vroege communicatie. *Nederlands Tijdschrift voor Psychologie*, 1981, 36, 501-515.

KALVERBOER, A.F. & HOPKINS, B. (Eds.) *Human biopsychology: clinical and developmental studies*. *Journal of Child Psychology and Psychiatry*, 1983, 24, Special Issue.

HOPKINS, B., & KALVERBOER, A.F. Perception and cognition. *Journal of Child Psychology and Psychiatry*, 1983, 24, 37-38.

KALVERBOER, A.F. & HOPKINS, B. Motor behaviour. *Journal of Child Psychology and Psychiatry*, 1983, 24, 61-63.

HOPKINS, B. The development of early communication: an evaluation of its meaning. *Journal of Child Psychology and Psychiatry*, 1983, 24, 131-144.

ALBERTS, E., KALVERBOER, A.F., & HOPKINS, B. Mother-infant dialogue in the first days of life: an observational study during breast-feeding. *Journal of Child Psychology and Psychiatry*, 1983, 24, 135-161.

HOPKINS, B., & PRECHTL, H.F.R. A qualitative approach to early movement development. In: Prechtl, H.F.R. (Ed.), *Continuity of neural functions from pre- to postnatal life*. Oxford: Blackwell, 1984, pp. 179-197.

WULFFTEN PALTHE, T. van, & HOPKINS, B. The development of the infant's social competence during early face-to-face interaction. In: Prechtl, H.F.R. (Ed.), *Continuity of neural functions from pre- to postnatal life*. Oxford: Blackwell, 1984, pp. 198-219.

HOPKINS, B., & WULFFTEN PALTHE, T. van. Staring in infancy. *Early Human Development*, 1985, 12, 261-267.

HOPKINS, B. Subjective comments on the development of intersubjectivity. In: Wade, M.G., & Whiting, H.T.A. (Eds.), *Motor development in children: aspects of coordination and control*. Dordrecht: Martinus Nijhof, 1986, pp. 263-283.

PRECHTL, H.F.R., & HOPKINS, B. Developmental transformations of spontaneous movements in early infancy. *Early Human Development*, 1986, 14, 233-238.

HOPKINS, B., & WULFFTEN PALTHE, T. van. The development of the crying state. *Developmental Psychobiology*, 1987, 20, 165-175.

HOPKINS, B., LEMS, W., JANSSEN, B., & BUTTERWORTH, G. Postural and motor asymmetries in newborns. *Human Neurobiology*, 1987, 6, 165-175.

GELDER, R. van, & HOPKINS, B. Dit is meer dan alleen maar een gebaar. *Psychologie*, 1987, 11, 50-53.

HOPKINS, B., JANSSEN, B., KARDAUN, O., & SCHOOT, T. van der. Quieting during infancy: evidence for a developmental change? *Early Human Development*, 1988, 18, 111-124.

HOPKINS, B., & WESTRA, T. Maternal handling and motor development: an intracultural study. *Genetic, Social and General Psychology Monographs*, 1988, 114, 377-408.

BUTTERWORTH, G., & HOPKINS, B. Hand-mouth coordination in the newborn baby. *British Journal of Developmental Psychology*, 1988, 8, 303-314.

DIJKMAN, M., GELDER, R. van, HOPKINS, B., GEIJN, H.P. van, & BRUIJN, K. Heeft de foetus al voorkeuren? *Psychologie*, 1988, 6, 20-21.

HOPKINS, B., & WESTRA, T. Maternal expectations of their infants' development: some cultural differences. *Developmental Medicine and Child Neurology*, 1989, 31, 384-380.

HOPKINS, B., PECHEUX, M.G., & PAPOUSEK, H. (Eds.) *Infancy and education*. *European Journal of Psychology of Education*, 1989, 4, Special Issue.

HOPKINS, B. *Infancy and education: the ups and downs of a tenuous relationship*. *European Journal of Psychology of Education*, 1989, 4, 113-122.

HOPKINS, B. Risk groups and development. *European Journal of Psychology of Education*, 1989, 4, 231-234.

HOPKINS, B. Culture, infancy and education. *European Journal of Psychology of Education*, 1989, 4, 289-293.

HOPKINS, B., & BUTTERWORTH, G. Concepts of causality in explanations of development. In: Butterworth, G. & Bryant, P. (Eds.), *Causes of development: an interdisciplinary perspective*. Brighton: Harvester Press, 1989, pp. 3-32.

HOPKINS, B., & GELDER, R. van. Vroeggeboorte: meer dan een verloskundig dilemma. *Psychologie*, 1989, 2, 40-43.

GELDER, R. van & HOPKINS, B. Wordt de baby links of rechts? *Psychologie*, 1989, 3, 32-35.

WULFFTEN PALTHE, T. van, HOPKINS, B., & VOS, J.E. Quantitative description of early mother-infant interaction. *Behaviour*, 1990, 112, 117-148.

VOS, J.E., WULFFTEN PALTHE, T. van, ROOS, B de, & HOPKINS, B. Information statistics as applied to social interaction between mother and infant: synergic covariability vs partial cross-covariability. *International Journal of Biomedical Computing*, 1990, 25, 33-45.

GELDER, R. van, PHILLIPART, S.M.M., & HOPKINS, B. Treatment of facial paralysis of CNS origin: preliminary studies. *International Journal of Psychology*, 1990, 25, 213-228.

HOPKINS, B., & WESTRA, T. Motor development, maternal expectations and the role of handling. *Infant Behavior and Development*, 1990, 13, 117-122.

HOPKINS, B., LEMS, Y.L., WULFFTEN PALTHE, T. van, HOEKSMAN, J., KARDAUN, O., & BUTTERWORTH, G. Development of head position preference during early infancy: a longitudinal study. *Developmental Psychobiology*, 1990, 23, 39-53.

HOPKINS, B., & HELDERS, P.J.M. (Eds.). *Kindertherapie. Bewegen en Hulpverlening*, 1990, Special Issue.

DIJKMAN, M.M.T.T., GELDER, R. van, HOPKINS, B., GEIJN, H.P. van, & BRUIJN, K. Hoofdoriëntatievoorkeur bij de foetus. *Nederlands Tijdschrift voor Psychologie*, 1990, 45, 238-334.

MOEIJES, E., VERMEER, A., & HOPKINS, B. Antecedenten van cerebrale parese en vroegtijdige onderkenning. *Bewegen en Hulpverlening*, 1990, 7, 224-239.

GELDER, R. van, DIJKMAN, M.M.T.T., HOPKINS, B., GEIJN, H.P. van, & HOMEAU-LONG, D. Prenatal development of head orientation preference. *International Journal of Prenatal and Perinatal Studies*, 1990, 4, 201-206.

HOPKINS, B. Facilitating motor development: a study of West Indian mothers and their infants. In: Nugent, J.K., Lester, B.M. & Brazelton, T.B. (Eds.), *The cultural context of infancy*. New Jersey: Ablex Press, 1991, pp. 93-143.

GRAUW, T.J. de, BUDDE, H., SAMSON, J.F., & HOPKINS, B. Hematocrit in relation to Apgar scores in SGA infants. *Journal of Perinatal Medicine*, 1991, 19, 305-311.

GRAUW, T.J. de, & HOPKINS, B. Severity of growth retardation and physical condition at birth in small-for-gestational age infants. *Biology of the Neonate*, 1991, 60, 176-183.

HOPKINS, B. *Putting the motor back into development*. Amsterdam: Free University Press, 1991, 30p.

WULFFTEN PALTHE, T. van, & HOPKINS, B. Neurologische rijping en psychosociale ontwikkeling. In: Boer, J.E. de (Ed.), *Infantpsychiatrie: de gezonde en verstoorde ontwikkeling van de vroege ouder-kind relatie*. Assen/Maastricht: Van Gorcum, 1991, pp. 23-39.

BEEK, P.J., & HOPKINS, B. Human Movement Sciences at the Free University Amsterdam. *International Journal of Physical Education*, 1991, 27-31.

GROOT, L. de, HOPKINS, B., & TOUWEN, B.C.L. A method to assess the development of muscle power in preterms after term age. *Neuropediatrics*, 1992, 23, 172-179.

GROOT, L. de, HOEK, A.M. van den, HOPKINS, B., & TOUWEN, B.C.L. Development of the relationship between active and passive muscle power in preterms after term age. *Neuropediatrics*, 1992, 23, 298-305.

BEEK, Y. van, HOEK SMA, J., & HOPKINS, B. Sequential analysis of nominal data in mother-infant communication. *Behaviour*, 1992, 122, 306-328.

BEEK, P.J., & HOPKINS, B. Four requirements for a dynamical systems approach to the development of social coordination. *Human Movement Science*, 1992, 11, 425-442.

HOPKINS, B. Infant mental health: concepts, applications and later outcomes. In: Motoaki, H., Misumi, J., & Wilpert, B. (Eds.), Social, educational and clinical psychology. Hillsdale, N.J.: Erlbaum, 1992, pp. 218-223.

HOPKINS, B.. & VERMEER, A. (Eds.). Kinderen in beweging. Amsterdam: VU Uitgeverij, 1992.

GEERDINK, J.J., & HOPKINS, B. De kwaliteit van spontane bewegingen bij prematuren. In: Hopkins, B., & Vermeer, A. (Eds.), Kinderen in beweging. Amsterdam: VU Uitgeverij, 1992, pp. 49-61.

BEEK, Y. van, PAPOUSEK, H., & HOPKINS, B. Beweging en vroege communicatie bij prematuren. In: Hopkins, B., & Vermeer, A. (Eds.), Kinderen in beweging. Amsterdam: VU Uitgeverij, 1992, pp. 63-77.

VERVERS, I.A.P., VRIES, J.I.P. de, GEIJN, H.P. van. & HOPKINS, B. Head position in the fetus from 16-38 weeks gestational age and postnatally. Journal of Perinatal Medicine, 1993, 20, 169-170.

KALVERBOER, A.F., HOPKINS, B., & GEUZE, R.H. (Eds.). Motor development in early and later childhood: longitudinal approaches. Cambridge: Cambridge University Press, 1993.

HOPKINS, B., BEEK, P.J., & KALVERBOER, A.F. Theoretical issues in the longitudinal study of motor development. In: Kalverboer, A.F., Hopkins, B., & Geuze, R.H. (Eds.), Motor development in early and later childhood: longitudinal approaches. Cambridge: Cambridge University Press, 1993, pp. 341-371.

HOPKINS, B. On faces, and hands and the development of communication. In: Kalverboer, A.F., Hopkins, B., & Geuze, R.H. (Eds.), Motor development in early and later childhood: longitudinal approaches. Cambridge: Cambridge University Press, 1993, pp. 166-173.

HOPKINS, B., & KALVERBOER, A.F. Epilogue: description and explanation. In: Kalverboer, A.F., Hopkins, B., & Geuze, R.H. (Eds.), Motor development in early and later childhood: longitudinal approaches. Cambridge: Cambridge University Press, 1993, pp. 372-377.

BEEK, P.J., HOPKINS, B., & MOLENAAR, P.C.M. Complex systems approaches to the development of action. In: Savelsbergh, G.J.P. (Ed.), The development of coordination in infancy. Amsterdam: Elsevier, 1993, pp. 497-515.

WULFFTEN PALTHE, T. van, & HOPKINS, B. Neural maturation and early mother-infant interaction. Journal of Child Psychology and Psychiatry, 1993, 34, 1031-1041.

HOPKINS, B., GEERDINK, J.J., & VRIES, J.I.P. de. Motorische ontwikkeling van de foetus en jonge zuigeling: klinische implicaties. In: Boer, J.E. de (Ed.), *Infantpsychiatrie: de gezonde en verstoorde ontwikkeling van het zeer jonge kind*. Assen/Maastricht: Van Gorcum, 1993.

GROOT, L. de, HOEK, A.M. van den, HOPKINS, B., & TOUWEN, B.C.L. Development of muscle power in preterm infants: individual trajectories after term age. *Neuropediatrics*, 1993, 24, 68-73.

LEMS, W., HOPKINS, B., & SAMSON, J.F. Mental and motor development in preterm infants: the issue of corrected age. *Early Human Development*, 1993, 34, 113-123.

BUTTERWORTH, G., & HOPKINS, B. Origins of handedness in human infants. *Developmental Medicine and Child Neurology*, 1993, 35, 177-184.

SAVELSBERGH, G.J.P., & HOPKINS, B. Ontwikkeling van de controle en coördinatie van bewegingen: een natuurwetenschappelijke benadering. *Bewegen en Hulpverlening*, 1993, 9, 19-24.

GEERDINK, J.J., & HOPKINS, B. Effects of birthweight status and gestational age on the quality of general movements in preterm newborns. *Biology of the Neonate*, 1993, 63, 215-224.

GEERDINK, J.J., & HOPKINS, B. Qualitative changes in general movements and their prognostic value in preterm infants. *European Journal of Pediatrics*, 1993, 152, 362-367.

BEEK, Y. van, HOPKINS, B., & HOEK SMA, J. Development of communicative behaviors in preterm infants: birthweight status and gestational age. *Infant Behavior and Development*, 1994, 17, 107-117.

VRIES, J.I.P. de, HOPKINS, B., & GEIJN, H.P. van. The prenatal construction of postnatal development. In: Pouthas, V., & Jouen, F. (Eds.), *Les comportements du bébé: expressions de son savoir?* Liege: Pierre Mardaga, 1993, pp. 13-32.

HOPKINS, B., & GRAMSBERGEN, A. The integrative nervous system: Sherrington revisited. In: Bakker, C.M.C., Berger, M.A.M., Doorenbosch, C.A.M., Peper, C.E., Willems, M.E.T., & Zaal, F.T.J.M. (Eds.), *Neural aspects of human movement: implications for control and coordination*. Amsterdam: Swets & Zeitlinger, 1993, pp. 30-38.

WIMMERS, R.H., SAVELSBERGH, G.J.P., BEEK, P.J., & HOPKINS, B. Stability and change in the development of prehension: a dynamical approach. In:

Doorenbosch, C.A.M. et al. Learning motor skills. Enschede: Copyprint 2000, 1993, pp. 100-103.

GEERDINK, J.J., HOPKINS, B., & HOEKSMASMA, J. The development of head position preference in preterm and fullterm infants beyond term age. *Developmental Psychobiology*, 1994, 27, 153-168.

BEEK, Y. van, HOPKINS, B., & HOEKSMASMA, J. The development of communication in preterm infant-mother dyads. *Behaviour*, 1994, 129, 35-61.

HOPKINS, B. The developmental origins of handedness. In: Wakai, K., & Chen, S. (Eds.). *Research Papers of the Center for Child Development, Hokkaido University, Japan*, 1994, 16, 63-80.

VAAL, J., SOEST, A. J. van, & HOPKINS, B. Development of coordination of spontaneous leg movements. In: Wakai, K. & Chen, S. (Eds.). *Research Papers of the Center for Child Development, Hokkaido University, Japan*, 1994, 16, 111-114.

WIMMERS, R.H., SAVELSBERGH, G.J.P., BEEK, P.J., & HOPKINS, B. Are there phase transitions in the development of eye-hand coordination? In: Wakai, K., & Chen, S. (Eds.). *Research Papers of the Center for Child Development, Hokkaido University, Japan*, 1994, 16, 123-130.

BEEK, Y. van, HOPKINS, B., & HOEKSMASMA, J. Prematurity, posture and the development of looking behaviour during early communication. *Journal of Child Psychology and Psychiatry*, 1994, 35, 1093-1107.

DIENSKE, H., HOPKINS, B., & REID, A.K. Lateralisation of mother-infant cradling in chimpanzees: new data do not confirm previous findings. *Behaviour*, 1995, 132, 801-809.

WIMMERS, R.H., SAVELSBERGH, G.J.P., BEEK, P.J., & HOPKINS, B. Naar een dynamische beschrijving van transitie in de perceptuele-motorische ontwikkeling. *Tijdschrift voor Ontwikkelingspsychologie*, 1994, 21, 99-128.

VERVERS, I.A.P., VRIES, J.I.P. de, GEIJN, H.P. van, & HOPKINS, B. Prenatal head position from 12-38 weeks: I Developmental aspects. *Early Human Development*, 1994, 39, 83-91.

VERVERS, I.A.P., VRIES, J.I.P. de, GEIJN, H.P. van, & HOPKINS, B. Prenatal head position: II The effects of fetal lie and placental position. *Early Human Development*, 1994, 39, 93-100.

GROOT, L. de, HOPKINS, B., SCHAAFSMA, M., & TOUWEN, B.C.L. Muscle power, trunk rotation and sitting independently in preterm infants. *Early Human Development*, 1995, 43, 37-46.

WIMMERS, R.H., SAVELSBERGH, G.J.P., BEEK, P.J. & HOPKINS, B. Preliminary evidence for a developmental transition from reaching to grasping. In: Bardy, B.G., Bootsma, R., & Guiard, Y. (Eds.), *Studies in perception and action II*. Hillsdale, NJ: Erlbaum, 1995.

VAAL, J., SOEST, A.J. van, & HOPKINS, B. On the origins and development of locomotion: a multidisciplinary approach. *Human Movement Science*, 1995, 14, 609-636.

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