## Journal of

# **Biosocial Science**

#### **Editor**

D. F. Roberts

#### **Editorial Advisory Panel**

Tess Adkins J. A. Beardmore W. Brass Robert Chester P. R. Cox K. J. Dennis Peter Diggory A. J. Fox E. Grebenik

G. A. Harrison M. Kirk John Peel D. M. Potts J. S. Price M. P. M. Richards Sue Teper Barbara Thompson

#### Review Editors

E. J. Clegg

G. D. Mitchell

#### **Associate Editor**

M. A. Herbertson

#### Consultant

Alan S. Parkes

**VOLUME 19 (1987)** 

Published by

THE PARKES FOUNDATION

Cambridge, England

Published by
The Parkes Foundation
Cambridge, England
© Parkes Foundation 1987

Printed in Great Britain by Galliard (Printers) Ltd, Great Yarmouth, Norfolk

## Journal of Biosocial Science

### Contents

Vol. 19	January 1987	No. 1
	ATS, A. HOOPER, J. HUNTSMAN, E. PLUMMER AND I. Pon and pregnancy intervals	RIOR Social
R. M. PICKERING standardized for	G Maternal characteristics and the distribution of gestational age	birthweight page 17
	ND ALFRED MEIER-KOLL Biosocial behaviour cycles: a f willage community	ield study in page 27
	K. M. A. AZIZ AND A. I. CHOWDHURY Differentials nous and monogamous marriages in rural Bangladesh	of fertility page 49
WARREN C. ROBIN	ISON Regional variation in the age-specific fertility cur	ve page 57
Indra Gajayana Sri Lanka	KE Cessation of childbearing in the absence of conti	aception in page 65
CHERYL SORENSON and its psycholog	N GOODSON AND PAUL L. JAMISON The relative rate of gical effect	maturation page 73
	e, O. F. GIWA-OSAGIE, R. OLA AND M. O. FASAN <i>Co</i> an clinic in Nigeria	ntraceptive page 89
YOKO İMAIZUMI R	leasons for consanguineous marriages in Japan	page 97
D. R. Jones and I	P. O. GOLDBLATT Cause of death in widow(er)s and sp	pouses page 107
Book reviews		1 0
	ws The New Genetics and Clinical Fractice (by D. J.	Weatherall) page 123
CAROLINE WOODR	OFFE reviews Elusive Mr Right (by C. Skinner)	page 123
PETER DIGGORY 1 C. Smith)	reviews Teenage Mothers and Their Partners (by M	
Vol. 19	April 1987	No. 2
E. CROGNIER Child	d mortality and society in Morocco	page 127
WILLIAM K. A. AC	GYEI Estimates of fertility and infant and child mortal apua New Guinea: a comparative analysis	
C. G. N. MASCIE	-TAYLOR, G. A. HARRISON, R. W. HIORNS AND J. imilarities in different components of the WAIS IQ tes	B. GIBSON
<b>,</b>		page 149
	AND PAUL T. BARRETT Parental characteristics and par or Oedipal imprinting	tner choice: page 157

SERGIO ZACHARIAS, ENEIDA AGUILERA, J. ROBERT ASSENZO AND JUAN Return of fertility in lactating and non-lactating women	ZANARTU page 163
SANDRA L. HUFFMAN, ALAUDDIN CHOWDHURY, HUBERT ALLEN AND LUFT Suckling patterns and post-partum amenorrhoea in Bangladesh	un Nahar page 171
DUDLEY L. POSTON AND SAMIA M. EL-BADRY Modernization and chamong the governorates of the Arab Republic of Egypt, 1976	hildlessness page 181
SAAD GADALLA, JAMES McCarthy and Neeraj Kak The determinants of rural Egypt: a study of Menoufia and Beni-Suef governorates	<i>fertility in</i> page 195
MICHAEL HUMPHREY AND HEATHER HUMPHREY Marital relationships seeking donor insemination	page 209
RUHUL AMIN AND A. G. MARIAM Son preference in Bangladesh: an emerg to fertility regulation	page 221
CHARLES W. WARREN, RICHARD S. MONTEITH, J. TIMOTHY JOHNSON, SANTISO, FEDERICO GUERRA AND MARK W. OBERLE Use of maternal-c services and contraception in Guatemala and Panama	
Debate CHRISTINE MCMURRAY AND DAVID LUCAS Fertility and family planning New Guinea—a comment	g in Papua page 245
WILLIAM K. A. AGYEI Fertility and family planning in Papua New Guined	aa reply page 246
Book reviews  V. REYNOLDS reviews Primates in Nature (by A. F. Richard)	page 249
DUNCAN MITCHELL reviews The Childless Marriage: An Exploratory Couples Who Do Not Want Children (by E. Campbell)	
PETER DIGGORY reviews Abortion Practice in Britain and the Unit (by C. Francome)	ted States page 251
Vol. 19 July 1987	No. 3
Foreword	page 253
JOHN C. HASKEY Divorce in the early years of marriage in England and Wo from a prospective study using linked records	iles: results page 255
C. Shannon Stokes, Felicia B. LeClere and Yeu-Sheng Hsieh Househole and reproductive behaviour in Taiwan	dextension page 273
P. Astolfi and G. Zei Variation of the human secondary sex ratio and lethe X-linked mutations	al recessive page 283
E. V. DAVISON, A. S. McIntosh and D. F. Roberts Effects of amniocentesis purposes on the pregnancy and its outcome	for genetic page 295
M. N. Younis, N. El Messeri Nadeem, H. I. Salem, A. F. Hamed, a. G. El-Masry and A. Hamza Factors affecting acceptability of long-act ceptive injections in a rural Egyptian community	

REPORT OF THE PERCEPTIONS OF THE PILL SURVEY GROU safety of the pill: a survey in eight developing countr	
QUANHE YANG Fertility and some determinants of fert Anhui province, China, 1982	ility decline in Huaibei Plain, page 323
M. KABIR AND M. MOSLEH UDDIN Effect of nuptialist feeding on fertility in Bangladesh	ity, contraception and breast- page 345
SHYAM THAPA Determinants of fertility in Nepal: applications of the second seco	cations of an aggregate model page 351
VIJAYA KRISHNAN Preferences for sex of children: a m	ultivariate analysis page 367
Book reviews  E. A. SALZEN reviews Education and Class. The Irreleve M. Schiff & R. Lewontin) and Evolution, Creative Competition (edited by A. McGregor)	
Vol. 19 October 1987	No. 4
H. M. Macbeth, G. A. Harrison and J. B. Gibson components	Geographical mobility and IQ page 379
MAHJOUB A. EL-FAEDY AND LEE L. BEAN Differential	paternity in Libya page 395
LIN LEAN LIM, GAVIN W. JONES AND CHARLES HII transitions in a plural society: ethnic trends and difference	
K. Vaninadha Rao and Komanduri S. Murty Cov Guyana: a hazards model analysis	ariates of age at first birth in page 427
E. LODEWIJCKX First intercourse, contraception and changes during the past 30 years	first pregnancy in Flanders: page 439
GBOLAHAN A. ONI Breast-feeding pattern in an urban	<del>-</del>
	page 453
M. J. Murphy Differential family formation in Great	
WLADIMIR WERTELECKI, JOAN HUFFSTUTLER, DUANE ST CHARLES HOFF Effects of education, distance and sa genetic services	
Ulf Högberg, Elisabeth Iregren, Claes-Henrik S Maternal deaths in medieval Sweden: an osteologica	
Book reviews	
A. BILSBOROUGH reviews Ancestors: the Hard Evidence	
PETER J. SMAIL reviews From Birth to Five (by N. R. l. Health and Development of Children (edited by H.	
NICHOLAS FORD reviews Understanding Human Sexua	lity (by J. S. Hyde) page 507
Author and Subject Index to Volume 19	page 509

# WHO TASK FORCE ON METHODS FOR THE NATURAL REGULATION OF FERTILITY

The WHO Task Force on Methods for the Natural Regulation of Fertility promotes and supports biomedical research on existing and new approaches to human fertility regulation by natural means. The current research activities of the Task Force include: the study of the determinants and mechanisms that maintain amenorrhoea, and consequent infertility, induced by lactation; the development of simple, inexpensive techniques for identifying the fertile period during the menstrual cycle, lactation and the premenopause; and the assessment of methods of fertility control that do not require the use of drugs or devices.

In order to promote research into these areas, the Task Force invites interested scientists to submit research proposals identifying the specific area(s) they wish to investigate. Proposals should be brief (not more than a few pages) and should include a provisional budget. Scientists whose proposed project is considered appropriate, will receive guidelines for making a formal application for funding. All proposals will be dealt with confidentially, and grants are not likely to exceed US\$20,000 for one year in the first instance. Proposals from scientists in developing countries are especially welcome.

Requests should be addressed to:

The Task Force Manager,
Methods for the Natural Regulation of Fertility,
Special Programme of Research, Development
and Research Training in Human Reproduction,
World Health Organization,
1211 Geneva 27,
Switzerland

### Contents

H. M. Macbeth, G. A. Harrison and J. B. Gibson Geographical mobility components	ty and IQ page 379
Mahjoub A. El-Faedy and Lee L. Bean Differential paternity in Libya	page 395
LIN LEAN LIM, GAVIN W. JONES AND CHARLES HIRSCHMAN Continuing transitions in a plural society. ethnic trends and differentials in Peninsular	, ,
K. Vaninadha Rao and Komanduri S. Murty Covariates of age at firs Guyana: a hazards model analysis	st birth in page 427
E. LODEWIJCKX First intercourse, contraception and first pregnancy in changes during the past 30 years	Flanders: page 439
GBOLAHAN A. ONI Breast-feeding pattern in an urban Nigerian community	,
	page 453
M. J. Murphy Differential family formation in Great Britain	page 463
WLADIMIR WERTELECKI, JOAN HUFFSTUTLER, DUANE SUPERNEAU, RENEA BE CHARLES HOFF Effects of education, distance and satellite clinics on the genetic services	
Ulf Högberg, Elisabeth Iregren, Claes-Henrik Siven and Lennar Maternal deaths in medieval Sweden: an osteological and life table analy	
	page 495
Book reviews	
A. BILSBOROUGH reviews Ancestors: the Hard Evidence (by E. Delson)	page 505
Peter J. Small reviews From Birth to Five (by N. R. Butler & J. Golding Health and Development of Children (edited by H. B. Miles & E. Still)	) and <i>The</i>
	page 506
NICHOLAS FORD reviews Understanding Human Sexuality (by J. S. Hyde)	page 507
Author and Subject Indexes to Volume 19	page 509

ISSN 0021-9320