

CURRICULUM VITAE

ERIC OGHENERIOBORORUE UDJO

DATE OF BIRTH 20 March 1954

NATIONALITY South African

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ACADEMIC QUALIFICATIONS **BSc** (Sociology, Hons), University of Ibadan, Nigeria, 1978
MSc (Medical Demography), University of London (London School of Hygiene & Tropical Medicine), United Kingdom London, 1981
Ph.D (Medical Demography), University of London (London School of Hygiene & Tropical Medicine), United Kingdom London, 1985

FIELD OF SPECIALIZATION Medical Demography

MSc DISSERTATION Prospects of fertility decline in Nigeria, 1981

Ph.D THESIS Levels and differentials in fertility and mortality among the Kanuri of North East Nigeria, 1985

CURRENT POSITION Professor, Bureau of Market Research
University of South Africa.

CAREER SUMMARY

Professor Eric Udjo holds a doctorate degree in medical demography from the London School of Hygiene and Tropical Medicine, University of London. He joined the Bureau of Market Research, University of South Africa in May 2007 and is the Head of the Demography Research Division at the Bureau. He was a research director in the Demography Unit in the Social Aspects of HIV/AIDS and Health programme, Human Sciences Research Council (HSRC) before joining the Bureau of Market Research and before that was responsible for demographic analysis, and statistical consulting for six years at Statistics South Africa.

Professor Udjo has substantial academic and research experience which includes experience in implementing and managing research projects, processing, analysis and evaluation of survey and census data. He played a key role in the evaluation of South Africa's 1996, 2001 and 2011 censuses including chair of the quality control committee of the 1996 South Africa population Census resulting in a number of technical papers. He was one of the consultants to South Africa's Statistics Council that evaluated the 2011 South Africa census before the official release of the results. His experience in analysing census, Demographic and Health Survey or DHS-type enquiries spans over 20 years. He has expertise in demographic modelling. His recent works include: A re-look at recent statistics on mortality in the context of HIV/AIDS with particular reference to South Africa; Modelling the impact of mandatory retirement age on the size of the workforce in tertiary sector organisations in South Africa; Estimating South Africa's Black adult female social classes, demographic differentials and determinants; The relationship of between the child support grant and teenage fertility in post-apartheid South Africa; Estimating maternal mortality and causes in South Africa. He has held senior management positions in the past and currently holds a senior management/research position in his current employment.

Professor Udjo has worked as a consultant in various capacities, which includes an empirical validation of the relationship between child survival and fertility for the United Nations in 1992, a review of population and strategic development in Botswana (1996) for UNFPA. He was also consultant demographer to the Drafting Committee of the National Population Policy, Ministry of Finance and Development Planning, Botswana (1995/1996). As a consultant to UNDP and UNFPA, has undertaken the following training activities to build capacity in the African continent: (1) Training of senior statisticians and demographers from Eastern, Southern and Western African Bureau of Statistics in Naivasha, Kenya (2007) in demographic modeling in the context of HIV/AIDS; (2) Training of senior statisticians and demographers from Uganda's Central Bureau of Statistics in Entebbe, Uganda in population projections and demographic impact of HIV/AIDS; (3) training of students and academics at the Eduardo Mondlane University, Maputo, Mozambique in population projections and demographic impact of HIV/AIDS (2008); (4) Training of senior statisticians and demographers from Swaziland, Lesotho and Ethiopia in Leribe, Lesotho in population projections and demographic impact of HIV/AIDS (2010); (5) Training of fourteen senior experts from Ethiopia's Central Statistical Agency in advanced techniques of demographic modeling (2011) in the analysis of census and survey data; (6) Training of Statistics Botswana core staff on and projections of Botswana population (2014).

He has also taught at the universities of Maiduguri (Nigeria), Zimbabwe (as a post-doctoral fellow of Population Council of America) and Botswana. He has written over 140 research articles either as book/book chapters, or peer reviewed international journal articles, or conference papers, or monographs. He was Editor-in-Chief of the Southern African Journal of Demography from 2009- 2015. He has been an associate of several universities in South Africa. As a visiting scholar to the University of Pennsylvania, collaborated with other researchers to produce a book on the demography of South Africa. In recognition of his contribution to Science (in the field of demography), Professor Udjo was awarded membership in the New York Academy of Sciences in 1998. Additionally, in 1999, his biographical profile was selected for inclusion in the 18th edition of Marquis Who's Who in the World as well as in the 10th edition of Marquis Who's Who in the World in Science and Engineering in 2008-2009. He was a recipient of the UNISA 2015 Chancellor's Award for Excellence in Research in recognition of his contribution to demographic research in Africa. In recognition of his contribution to demographic research, the U.S.A based Strategic and Competitive Intelligence Professionals in May 2017 awarded Prof Udjo the first ever Innovation In Integrated Intelligence in Research award.

Work experience

- 1973-75** **OGBAVWENI GRAMMAR SCHOOL, USIEFRUN, DELTA STATE, NIGERIA**
- Teacher**
English, Geography (up to O'Level)
- 1978-79** **SCHOOL OF NURSING, BAUCHI, NIGERIA**
- Tutor**
Medical sociology
- 1979-1990** **UNIVERSITY OF MAIDUGURI, NIGERIA**
- Graduate Assistant, Assistant lecturer, Lecturer 11, Lecturer 1, Senior lecturer**
Introduction to Sociology; Research Methods and demography courses at the undergraduate and graduate levels. Supervised students' research.
- 1990-1992** **UNIVERSITY OF ZIMBABWE, ZIMBABWE**
- Post doctoral fellow, Population Council of America**
Substantive Demography (undergraduate level), Statistics and computing; Mortality; Demographic Techniques II (Indirect estimation methods) at the graduate level, Population Studies Programme. Supervised students' research
- May - Nov 1992** **POPULATION DIVISION, UNITED NATIONS, NEW YORK**
- Consultant**
The relationship between child survival and fertility in Zimbabwe.
- 1992-1996** **UNIVERSITY OF BOTSWANA, BOTSWANA**
- Senior Lecturer**
Social Demography; Indirect Estimation Techniques; Computing (as part of Research Methods); Introduction to Demography; Methods of Integrated Population Projections (at the postgraduate level); Morbidity and Mortality; Population Estimates and Projections.
- Consultant**
UNFPA and Botswana Government: Programme Review and Strategy Development (1991-1996): Botswana. May 27-July 19 1996.
- 1997 – Mar 2003** **STATISTICS SOUTH AFRICA (Formerly CENTRAL STATISTICS SERVICE), SOUTH AFRICA**
- Jan - June 1997** **Deputy Director**
Technical inputs into the formulation and implementation of policy by Statistics South Africa. Production of user-friendly reports for Statistics South Africa. Administrative, training and managerial responsibility for staff.
- July 1997- 2003** **Director Systematic Demographic Analysis**
Overall managerial responsibility for the Analysis and Statistical Consulting unit of Research and Development Chief directorate. Overall responsibility for demographic analysis in the Analysis and Statistical Consulting unit. Demographic modelling for the first democratic census conducted in post-apartheid South Africa. Editorial responsibility for reports emanating from the directorate. Participation in policy formulation and implementation within Stats SA. Provision of technical advice, production and presentation of demographic analysis to senior levels of government. Representing Stats SA in international forums.

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| 2003- March 2003 | Professional (Director level) Demographic estimation (including modelling) and implications for development. Demographic modelling for the second post-apartheid South Africa census. Provision of technical advice, production and presentation of demographic analysis to senior levels of government. Representing Stats SA in international forums. |
| April 2003 to April 2007 | HUMAN SCIENCES RESEARCH COUNCIL PRETORIA Research Director, Epidemiology and Demography Unit, SAHA; Ag Executive Director, SAHA Pretoria office (April 2003-Feb 2006). Overall managerial and research responsibility for the Epidemiology and Demography Unit, Social Aspects of HIV/AIDS and Health (SAHA). Epidemiology was moved to another unit in July 2005. Overall managerial responsibility for Pretoria office of SAHA (up to February 2006). |
| June – October 2001 | Visiting Scholar, African Census Analysis Project, University of Pennsylvania, U. S. A. Research and contribute to the publication of a volume on the Demography of South Africa. |
| April 2002 | Visiting Scholar, African Census Analysis Project, University of Pennsylvania, U. S. A. Finalization of the volume on the Demography of South Africa. |
| May 2003 | Visiting Scholar, African Census Analysis Project, University of Pennsylvania, U. S. A. A final review of the volume on the Demography of South Africa before sending to the publishers. |
| May 2007 to date | BUREAU OF MARKET RESEARCH, UNIVERSITY OF SOUTH AFRICA Head, Demographic Division Bureau of Market Research responsible for demographic modelling & analysis, population estimates, study of migration patterns, fertility, mortality, nuptiality & epidemiological studies, child survival & fertility. |

Research and publications

Books/Chapters in books

Published

1. Udjo E. O. (1987). A determinant of fertility & its cultural context among Nigeria's Kanuri. In, Ebigbola and Van de Walle (eds): The cultural roots of African fertility regimes. Ile-Ife, pp. 227-293.
2. Adekunle C., Filippi V., Graham W., Onyemunwa P., and Udjo E. O. (1990) Patterns of maternity care among women in Ondo State, Nigeria. In, Hill A., (ed.): Determinants of health and mortality in Africa. Demographic and Health Surveys further analysis series, no. 10, pp. 1-45.
3. Udjo E. O. (1995). Childhood and adult mortality patterns in Botswana. In, Central Statistics Office: 1991 Population Census Dissemination Seminar, Government Printers, Gaborone, pp. 131-143.
4. Udjo E. O. (1996). Child survival, health and family planning interventions and fertility in Zimbabwe. In, United Nations: Child survival, health and family planning programmes and fertility. U. N., New York. Chapter 1V, pp. 71-96.
5. Udjo E. O. (1997). Fertility and mortality trends in South Africa: the evidence from the 1995 October household survey, and implications on population projections. Central Statistical Service, Pretoria.
6. Udjo E. O. and Petsoane L. (1998). Living in the Free State: selected findings of the 1995 October household survey. Central Statistical Service, Pretoria.

7. Udjo E. O. and Hirschowitz R. (eds.,2000). The people of South Africa – Population census 1996: summary report. Statistics South Africa, Pretoria.
8. Udjo E. O. and Joyce Lestrade-Jefferis (2000). Demographic profile of South Africa. In, Udjo E. O. and Hirschowitz R. (eds.,2000). The people of South Africa – Population census 1996: summary report. Statistics South Africa, Pretoria.
9. Udjo E. O. and Joyce Lestrade-Jefferis (2000). Fertility and mortality in South Africa. In, Udjo E. O. and Hirschowitz R. (eds.,2000). The people of South Africa – Population census 1996: summary report. Statistics South Africa, Pretoria.
10. Udjo E. O. (2003). Response to Dickson’s “Youth and fertility”. In, Human Sciences Research Council (2003). Fertility: Current South African Issues of Poverty, HIV/AIDS and Youth, Paper 3. HSRC, Cape Town.
11. Shisana O., Schwabe C., and Udjo O (2003). Aids-attributable mortality amongst South African health workers. In, Department of Health (2003). The impact of HIV/AIDS on the health sector: National survey of health personnel, ambulatory and hospitalised patients and health facilities 2003, Study no. 5. Department of Health, Pretoria.
12. Zungu-Dirwayi N., Shisana O., Udjo E., Mosala T., and Seager J. (eds., 2004). An audit of HIV/AIDS policies in Botswana, Lesotho, Mozambique, South Africa, Swaziland and Zimbabwe. Research Monograph, Human Sciences Research Council, Cape Town.
13. Udjo E. O. (2005). Demographic profile of educators. In, Shisana O., Peltzer K., Zungu-Dirwayi N., Louw J.S. (eds). The Health of our educators: a focus on HIV/AIDS in South African public schools. Human Sciences Research Council, Cape Town.
14. Zuberi T., Sibanda A., and Udjo E. O. (eds., 2005). The demography of South Africa. M. E. Sharpe Inc Publisher, USA.
15. Udjo E. O. (2005). Fertility levels, differentials and trends in South Africa. In, Zuberi T., Simbanda A., and Udjo E. O. (eds.). The demography of South Africa. M. E. Sharpe Inc Publisher, USA.
16. Udjo E. O. (2005). An examination of recent census and survey data on mortality in South Africa within the context of HIV/AIDS in South Africa. In, Zuberi T., Simbanda A., and Udjo E. O. (eds.). The demography of South Africa. M. E. Sharpe Inc Publisher, USA.
17. Peltzer K., Shisana O., Udjo E, Wilson D., Rehle T., Connoly C., Zuma K., Letlape L., Louw J., Simbayi L., Zungu-Dirwayi N., Ramlagan S., Magome K., Hall E., & Phurutse M. (2005). Educator supply and demand in the South African public education system: Integrated report. Cape Town: HSRC Press.
18. Udjo E. O. (2007). Use of the census 2001 demographic variables in decision making, planning and development. In, Statistics South Africa, and the Human Sciences Research Council (eds). Using the 2001 Census, Statistics South Africa, and the Human Sciences Research Council, Pretoria.
19. Udjo E. O. (2007). Population estimates for South Africa by magisterial district and province, 2007. Bureau of Market Research, Research Report No. 367, University of South Africa, Pretoria.
20. Udjo E. O. (2008). The demographics of the emerging black middle class in South Africa. Bureau of Market Research, Research Report No. 375, University of South Africa, Pretoria.
21. Udjo E. O. & van Aardt C.J. (2008). Evaluating the population, economic and demographic aspects of the 2007 community survey. Bureau of Market Research, Research Report No. 376, University of South Africa, Pretoria.
22. Udjo E. O. (2009). Population estimates for South Africa by magisterial district and province, 2008. Bureau of Market Research, Research Report No. 380, University of South Africa, Pretoria.
23. Udjo E. O. (2009). Population estimates for South Africa by magisterial district and province, 2009. Bureau of Market Research, Research Report No. 385, University of South Africa, Pretoria

24. Udjo E.O. (2009). Challenges facing the African Diplomat now and in the future: The influence of demographics. Proceedings of the Diplomatic Training, Research and Development Conference, Department of International Relations and Cooperation, Republic of South Africa, July 2008, pp. 127-132.
25. Joubert P., Udjo E. & van Rensburg M.J. (2009). The Southern African marketing environment. In, Venter P. & van Rensburg M.J. (eds). Strategic Marketing: theory and applications for competitive advantage, Oxford University Press, Southern Africa, pp. 27- 55.
26. Udjo E. O. (2010). Projections of South Africa's labour force, 2002-2015. Bureau of Market Research, Research Report No 394, University of South Africa, Pretoria.
27. Udjo E. O. (2010). Population estimates for South Africa by magisterial district and province, 2010. Bureau of Market Research, Report No 397, University of South Africa, Pretoria.
28. Udjo E. O. (2010). The demographics of the accomplished white middle class in South Africa. Bureau of Market Research, Report No 401, University of South Africa, Pretoria.
29. Udjo E. O. & Kembo J. (2011). Population estimates for South Africa by district municipality and province, 2010. Bureau of Market Research, Research Report No 402, University of South Africa, Pretoria.
30. Udjo E. O. (2011). Mortality levels from the 2008 registered deaths in South Africa. Bureau of Market Research, Research Report No 409, University of South Africa, Pretoria.
31. Udjo E. O. (2011). The role of chronic non-communicable diseases in mortality rates in South Africa, 1997-2006. In: Phaswana-Mafuya et al (eds). Non-communicable diseases (NCD's) in developing countries. Nova Science Publishers, Inc. New York, pp 39-52.
32. Udjo E. O. & Kembo J. (2012). Interprovincial migration and foreign born population in South Africa, 2001 and 2007. Bureau of Market Research, Research Report No 427, University of South Africa, Pretoria.
33. Udjo E. O. & Van Aardt C. J. (2012). Evaluating the population and demographic aspects of the 2011 South Africa population census. Bureau of Market Research, Research Report No 430, University of South Africa, Pretoria.
34. Udjo E. O. (2013). Population estimates for South Africa by district municipality and province, 2013. Bureau of Market Research, Research Report No 437, University of South Africa, Pretoria.
35. Udjo E. O. (2014). Population estimates for South Africa by district municipality and province, 2014. Bureau of Market Research, Research Report No 448, University of South Africa, Pretoria.
- Udjo E. O. (2014). Population, household and dwelling units projections, 2011-2021. Bureau of Market Research, Research Report No 442, University of South Africa, Pretoria.
36. Udjo E.O (2015). Population estimates for South Africa by district municipality and province, 2015. Bureau of Market Research, Research Report No 461, University of South Africa, Pretoria.
- Udjo E. O. (2015). Trends and differentials in mortality from communicable diseases in South Africa, 1997-2013. Bureau of Market Research, Research Report No 468, University of South Africa, Pretoria.
37. Udjo E. O. (2016). Mid-2016 and 2017 population projections for South Africa by province, district and local municipality. Bureau of Market Research, Research Report no 474, University of South Africa, Pretoria.
38. Udjo E. O. (2017). Population estimates of South Africa at ward level, 2016-2017. Bureau of Market Research, Research Report no 483, University of South Africa, Pretoria.
39. Udjo E. O (forthcoming 2017). Evaluating the demographic aspects and estimating demographic indicators from the 2016 South Africa Community Survey. Bureau of Market Research, Research Report no. xxxxx, University of South Africa, Pretoria.

Articles in refereed journals

40. Udjo E. O. (1984). Obstacles to successful fertility control in Nigeria. *Social Science and Medicine*, vol. 19, no. 11, pp. 1167-1171.
41. Udjo E. O. (1987). Levels and trends in infant and child mortality among some Kanuri of N. E. Nigeria. *Journal of Tropical Paediatrics*, vol. 33/1, pp. 43-47.
42. Udjo E. O. (1991). Adult mortality from information on orphanhood and widowhood among Nigeria's Kanuri. *Journal of Biosocial Science*, vol. 23, no. 2, pp. 155-165.
43. Udjo E. O. (1991). Fertility levels among Nigeria's Kanuri. *GENUS*, vol XLVII no. 1-2, pp. 163-176.
44. Udjo E. O. (1991). Age distribution and mis-reporting among some Kanuri of N. E. Nigeria. *Annals of Borno VI/VII 1989/90*, pp. 68-76.
45. Udjo E. O. (1995). Fertility and mortality trends and implications for social demands in Botswana. *Southern African Journal of Demography*, vol. 5, no. 1, pp. 1-10.
46. Udjo E. O. (1996). Is fertility falling in Zimbabwe? *Journal of Biosocial Science*, vol. 28, No 1. pp. 25-35.
47. Udjo E. O. (1996). An evaluation of the reported age-sex distributions of Batswana in the 1991 census. *Southern African Journal of Demography*, vol. 6 No. pp. 1-8.
48. Udjo E. O. (1997). The effect of child survival on fertility in Zimbabwe: A micro-macro level analysis. *Journal of Tropical Pediatrics*, vol 43, no 5, pp. 255-263.
49. Udjo E. O. (1998). Trends in level and tempo of fertility in Botswana. *GENUS*, vol, LIV, no.3-4, pp. 285-301.
50. Udjo E. O. (2003). A re-examination of levels and differentials in fertility in South Africa from recent evidence. *Journal of Biosocial Science*, vol. 35, pp. 413-431.
51. Udjo E. O. (2005). An evaluation of age-sex distributions of South Africa's population within the context of HIV/AIDS. *Development Southern Africa*, vol. 22, no. 3, pp 319-345.
52. Udjo E. O. (2006). Demographic impact of HIV/AIDS on the young and elderly populations in South Africa. *Journal of Intergenerational Relationships*, vol. 4, no. 2, pp. 23-42.
53. Udjo E. O. (2006). Estimation of mortality from vital registrations in South Africa. *Current HIV Research*, vol. 4, no. 4, pp. 469-474.
54. Udjo E. O. (2008). A re-look at recent statistics on mortality in the context of HIV/AIDS with particular reference to South Africa. *Current HIV Research*, vol. 6, no 2 pp. 143-151.
55. Udjo E. O. (2008). Demographic projections of Africa's population, 2000-2050 taking account HIV/AIDS and implications for development. *Southern African Business Review*, vol 12 no 3, pp. 76-101.
56. Udjo E. O. (2009). Trends in age pattern of fertility, 1995-2005 in the context of child support grant in South Africa. *Development Southern Africa*, vol. 26, no.12, pp. 289-299.
57. Udjo E. O. (2011). Magnitudes and trends in orphanhood among younger persons in the era of HIV/AIDS in South Africa, 2001-2015. *African Population Studies*, vol 25, no 2, pp 267-285.
58. Udjo E. O. (2011). Work force and retirement age: modelling the impact of mandatory retirement age on the size of the labour force in tertiary sector organisations in South Africa. *South African Journal of Labour Relations*, vol 35, no. 2, pp. 67-85.

59. Udjo E. O. (2012). Social class differentials in demographic characteristics among South Africa's accomplished adult Black middle and Black lower classes in comparison with the accomplished adult White middle class. *African Population Studies*, vol. 26, no 2, pp 221-237.
60. Udjo E. O. (2013). Magnitudes of South Africa's labour market, 2002 – 2020 and social implications. *African Population Studies*, vol. 27, no 1, pp 79-88.
61. Udjo E. O. (2013). Estimating South Africa's Black adult female social classes, demographic differentials and determinants. *GENUS*, vol, 69, no 1, pp 1-23.

Udjo E. O. (2013). The relationship of between the child support grant and teenage fertility in post-apartheid South Africa. *Social Policy and Society*, First View Articles, pp 1-15. DOI: 10.1017/S1474746413000390. http://journals.cambridge.org/abstract_S1474746413000390
62. Udjo E. O.(2013). Demographic and socioeconomic status, child support grant and teenage pregnancy among Blacks in South Africa. *Politics & Policy*, 41(6):888-906.

Udjo E. O. & Lalthapersad-Pillay P. (2013). Estimating maternal mortality and causes in South Africa: National and provincial levels. First read: Midwifery. <http://dx.doi.org/10.1016/j.midw.2013.05.011>.
63. Udjo E. O. & Lalthapersad-Pillay P. (2014). Estimating maternal mortality and causes in South Africa: National and provincial levels. *Midwifery*, 30(5):512-518.
64. Udjo E. O. & Lalthapersad-Pillay P. (2014). Mortality from non-communicable diseases in South Africa, 1997-2009. *African Population Studies: Supplement on Population Issues in South Africa*, 28(1): 610-622.
65. Udjo E. O. (2014). Estimating demographic parameters from the 2011 South Africa population census. *African Population Studies: Supplement on Population Issues in South Africa*, 28(1): 564-578.
66. Lalthapersad-Pillay P & Udjo E. O. (2014). The association between maternal mortality and non-medical factors in African countries. *Journal of Economics and Behavioural Studies*, 6(5): 351-362.
67. Udjo E. O. & Erasmus B. (2014). Impact of retirement age policy on the workforce of a higher education institution in South Africa. *Politics & Policy* 42(5): 744-768.
68. Lalthapersad-Pillay P & Udjo E (2014). The implications of climate change for Africa's economic development. *Journal of Economic and Financial Sciences*, 7(3): 871-888.
69. Udjo E. O. (2014). The relationship of between the child support grant and teenage fertility in post-apartheid South Africa. *Social Policy and Society*, 13(2): 505-519
70. Udjo E. O. (2015). Projecting population, numbers of households and dwelling units in South Africa 2011-2021. *African Population Studies*,29(1):1511-1526.
71. Udjo E. O. & Lalthapersad-Pillay P. (2015). Assessing the achievements of the millennium development goals in Southern Africa. *African Population Studies*, 29(1): 1460-1471.

Udjo E.O (2016). Small area population estimation: Estimating population size at ward level 2014 in South Africa. *Geographical Analysis*. Doi:10.1111/gean.12110.
72. Udjo E.O (2017). Small area population estimation: Estimating population size at ward level 2014 in South Africa. *Geographical Analysis*, 49 (1): 84 -100.
73. Udjo E.O (2017). Can estimating completeness of death registration be used as evidence of inaccuracy of population size estimates from a census? The case of the 2011 South African population census. *African Population Studies*, 31 (1): 3133-3143.
74. Udjo E. O forthcoming 2017. Dynamics of communicable diseases mortality in South Africa, 1997-2013. *African Population Studies*, XXXXXXXXX

Conference/seminar papers/monographs

International conferences

75. Udjo E. O. (1989). Age of marriage, polygyny, divorce, re-marriage, and effect on the fertility of the Kanuri of N. E. Nigeria. Contributed paper, International Union for the Scientific Study of Population XXIst General Population Conference (Session F21), New Delhi.

Udjo E. O. (1997). The effect of child survival on fertility in Zimbabwe: a micro-macro level analysis. Contributed paper International Union for the Scientific Study of Population XXIst General Population Conference (Session I), Beijing. (This paper has subsequently been published in Journal of Tropical Pediatrics, see above).

76. Udjo E. O. (1997). The role of demographic models in censuses with specific reference to census 1996. Paper presented at the Demographic Association of Southern Africa annual conference, 15-16 September.

77. Ndegwa D. G. and Udjo E. (1998). Differentials in female adult mortality in South Africa. Paper presented at the South African Sociological Association annual conference.

78. Udjo E. O. (1999). Maternal mortality in Biu Area, North-eastern Nigeria. Paper presented at the Demographic Association of Southern Africa Annual conference, Saldanha Bay, July 5-7.

79. Udjo E. O. (1999). Recent evidence of differentials in marital patterns in South Africa. Paper presented at the Demographic Association of Southern Africa Annual conference, Saldanha Bay, July 5-7, 1999.

80. Udjo E. O. (1999). Recent evidence of levels, trends and differentials in fertility in South Africa. Paper presented at the Workshop on Fertility in Southern Africa, School of Oriental and African Studies, University of London, 22-24 September.

81. Udjo E. O. (1999). A four-“race” model estimating the population of South Africa. Paper presented at the Workshop on Phase 2 of Census 1996 Review on Behalf of the Statistical Council, Johannesburg 3-4 December. Presented also at the Third African Population Conference, Durban, 6-10 December.

82. Udjo E. O., Similane S., and Booysen D. (2000). Socio-economic indicators of development progress within the OECD framework in South Africa. Paper presented at the Millennium Conference of Commonwealth Statisticians, Gaborone, Botswana, 1-5 May.

International conferences contd.,

83. Udjo E. O., Orkin M., and Simelane S. (2000). Levels of social indicators in South Africa in relation to international goals of development. Paper presented at the Forum 2000 Seminar on Statistics for Social Progress, Geneva, Switzerland, 27 June.

84. Udjo E. O. (2000). A model for dynamic labour market analysis in South Africa. Paper presented at the 4th Annual meeting of the Paris Group of Labour statisticians, Orebro, Sweden, 21-22 September.

85. Lestrade-Jefferis and Udjo E. O. (2000). Data constraints in dynamic labour market analysis in South Africa. Paper presented at the 4th Annual meeting of the Paris Group of Labour statisticians, Orebro, Sweden, 21-22 September.

86. Udjo E. O. (2001). A “Four-race” model of mortality in South Africa. Paper presented at the Fourth African Census Analysis Project (ACAP) Workshop, Dakar, Senegal, January 15-17.

87. Udjo E. O. (2001). Maternal mortality from the October Household Surveys in South Africa: are the reported levels credible? University of Pennsylvania, Population Studies Center, African Census Analysis Project, 15 August.

88. Udjo E. O. (2001). Marital patterns and fertility in South Africa: the evidence from the 1996 population census. Poster Paper presented at the International Union for the Scientific Study of Population XXIVth General Population Conference (Session S43), Salvador de Bahia, 18-24 August.
89. Udjo E. O. (2004). Impact of HIV/AIDS on mortality and the structure of South Africa's population. Paper presented at the XV international conference, Bangkok. Thailand, 11-16 July.
90. Udjo E. O. (2004). Comment on Velkoff and Kowal: Aging in sub-Saharan Africa: The changing demography of the region. Paper presented at the workshop on aging in Africa, Committee on Population, U. S. National Academy of Sciences, and School of Public Health/Population Program, and University of the Witwatersrand, Johannesburg, South Africa, 26-30 July.
91. Udjo E. O. (2004). Demographic impact of HIV/AIDS on ageing on South Africa's population. Paper presented at the Union for African Population Studies, Human Sciences Research Council and Department of Social Development Conference on Ageing in Africa. Johannesburg, South Africa, 18-20 August.
92. Udjo E. O. (2004). From African demography to African population studies: the past and future. Paper presented at the Annual Association of African Studies Meeting, New Orleans, U. S. A. 11-14 Nov 2004.
- Udjo E. O. (2005). A demographic approach in estimating trends in mortality and TB/HIV related death rates from vital registration in South Africa. Paper presented at the 14th Conference of Commonwealth Statisticians, Cape Town, South Africa, 5-9 September 2005.
93. Udjo E. O. (2006). Another look at estimating mortality from the 2001 South Africa Census in the context of HIV/AIDS. Paper presented at the Population Association of Southern Africa Conference, University of the Witwatersrand, South Africa, 26-29 September.
- Udjo E. O. (2007). Recent statistics on HIV/AIDS: A critical review with particular reference to South Africa. Paper presented at the Sixth Annual General Meeting of the Pan African Media Research Organisation, Mangochi, Lake Malawi, 21-22 August.

International conferences contd.,

- Udjo E. O. (2007). A re-look at recent statistics on mortality in the context of HIV/AIDS with particular reference to South Africa. Paper presented at the Third Africa Symposium on Statistical Development, Accra, Ghana, 3-7 December.
94. Udjo E. O. (2007). Estimating trends in orphanhood among younger persons in the era of HIV/AIDS in South Africa, 2001-2007. Paper presented at the Fifth Union for African Population Studies Annual Conference, Arusha, Tanzania, 10-14 December.
- Udjo E. O. (2007). Trends in age pattern of fertility, 1995-2005 in the context of child support grant in South Africa. Paper presented at the Population Association of Southern Africa Conference, University of the North West, Mafikeng Campus, South Africa 25-28 September.
95. Udjo E. O. (2007). Global demographic trends: drivers and impacts. Paper presented in the Ecology Panel at the Futures Conference, University of Stellenbosch, Stellenbosch, South Africa, 6-8 November.
96. Udjo E. O. (2008). Intergenerational relations of labour force and retirement age: Modeling the impact of increasing mandatory retirement age on the size of the labour force in an organisation. Paper presented at the XIV Congress of the South African Sociological Association, University of Stellenbosch, 7-10 July.
97. Udjo E. O. (2008). The demographics of the emerging black middle class in South Africa: preliminary findings. Paper presented at the 10th Pan African Media Research Organisation (PAMRO) conference, Lagos, 17-19 August.

98. Udjo E. O. (2008). Africa's demographic trends, drivers, impacts and challenges for African diplomats. Paper presented at the Annual Conference of the Diplomatic Academy of the Department of Foreign Affairs, Pretoria, 15-16 July.

Udjo E. O. (2009) Estimating the magnitude and trends in orphanhood among younger persons in the era of HIV/AIDS in South Africa, 2001 – 2009. Paper presented at the 11th Pan African Media Research Organisation Meeting and All Africa Media Research Conference and Exhibition, Nairobi, Kenya, 23-25 August.

Udjo E. O. (2009). Trends in mortality in non-communicable diseases in South Africa, 1997-2006. Paper presented at the 26th International Union for the Scientific Study of Population's International Population Conference, Marrakech, Morocco, 27 Sept – 2 October.

99. Udjo. E. O. (2012). Social class differentials in demographic characteristic among South Africa's black adult population in comparison with the adult white population. Paper presented at the 2012 Applied Demography Conference, San Antonio, January 8-10.

100. Udjo E. O. & Lalthapersad-Pillay P. (2012). Inter-provincial differentials in maternal mortality levels in South Africa. Paper presented at the 2012 Applied Demography Conference, San Antonio, U.S.A. January 8-10.

101. Udjo E. O. & Lalthapersad-Pillay P. (2012). The millennium development goals and the African continent: is Southern Africa poised to reach the set targets? Paper presented at the 9th African Finance Journal Conference, Nairobi, Kenya, 19-20 April.

102. Udjo E. O. (2012). Availability of social grants and teenage fertility in post-apartheid South Africa with particular reference to the Black population: are both associated? Poster presented at the Annual Meeting of the Population Association of America, San Francisco, 3-5 May.

Udjo E. O. & Lalthapersad-Pillay P. (2013). Estimating maternal mortality and causes in South Africa: National and provincial levels. Paper presented at the XXVII IUSSP International Population Conference, Busan, Korea, 26-31 August.

Udjo E. O. (2014). Impact of retirement age policy on the workforce of a higher education institution in South Africa. Paper presented at the 8th Annual International Conference on Sociology, 5-8 May, Athens, Greece.

Udjo E.O (2015). Small area estimation: estimating population size at ward level 2014 in South Africa. Paper presented at the 60th ISI World Statistics Congress, Rio De Janeiro, Brazil, 26-31 July.

103. Udjo E.O. (2016). Trends and differentials in mortality from communicable disease in South Africa, 1997-2013. Paper presented at the European Population Conference, Mainz, Germany, 30 August – 3 September.

104. Udjo E.O. (2017). Effect of HIV/AIDS on current fertility among South Africa's educators. Paper at the International Union for the Scientific Study of Population's XXVIII International Population Conference, Cape Town, South Africa, 29th October – 4th November.

Local conferences/seminars/workshops

105. Udjo E. O. (1986) Levels of fertility and child mortality in Nigeria: The evidence from the Nigeria 1981/82 fertility survey. Paper presented at the seminar series, Department of Sociology and Anthropology, University of Maiduguri.

106. Udjo E. O. (1987). Application of the microcomputer to adult mortality analysis. Paper presented at the seminar series, Department of Sociology & Anthropology, University of Maiduguri, May 14.

107. Udjo E. O. (1989). Childhood survivorship and some implications for health planning in Nigeria. Paper presented during the National Association of Political Science and Administration Students' week, University of Maiduguri, January 16.

108. Udjo E. O. (1990). An algorithm for University of Maiduguri degree classifications. Paper presented at the Faculty of Social and Management Sciences seminar series, University of Maiduguri.

109. Udjo E. O. (1994). Some principles and techniques of population projections with applications to labour force, education and health service demands. Discussion notes presented at the training workshop on population and human resource development in Botswana, Gaborone, 21-25 November.
110. Udjo E. O. (1994). Levels and trend in fertility in Botswana. Paper presented at the Department of Demography seminar on “The magnitude and socioeconomic determinants of fertility in Botswana”, Oasis Motel, Gaborone, 2 December.
111. Udjo E. O. (1997). Demographic trends in rural areas of South Africa. Paper presented to the Policy Research Project at the Energy and Development Centre, University of Cape Town, October 8.
112. Udjo E. O. (1999). Comment on R. Dorrington’s “To count or to model that is not the question”. Paper presented at the Arminal Roundtable Workshop on the 1996 South African Census, Hogsback, 9-11 April.
113. Udjo E. O. (2003). Is the fertility information from the 2001 South Africa population census useable? Paper presented at the Population Association of Southern Africa Annual conference, Potchefstroom, 13 – 17 October.
114. Udjo E. O. (2004). Comment on Moultrie and Dorrington: Estimation of fertility from the 2001 South Africa census data. Statistics South Africa workshop on the 2001 population census.
115. Udjo E. O. (2004). Comment on Dorrington et al: Estimation of mortality using the South African census 2001 data. Statistics South Africa workshop on the 2001 population census.
116. Udjo E. O. (2004). Mortality levels in the era of HIV/AIDS as evident from the 2001 census in South Africa. Paper presented at the Human Sciences Research Council’s Annual Conference, 27-28 July.
117. Udjo E. O. & Lalthapersad-Pillay (2011). Trends in marital patterns and socio-economic characteristics of Africa’s immigration population. Paper presented at 6th Population of Association of Southern African Conference, University of the Free State, Bloemfontein, 6-7 July.
118. Udjo E. O. & Lalthapersad-Pillay (2011). Maternal mortality: a public health challenge in South Africa. Paper presented at the XVII Sociological Association of South Africa Congress, University of Pretoria, 10-13 July.
- Lalthapersad-Pillay & Udjo E. O. (2012). The millennium development goals and the African continent: Is Southern Africa poised to reach the set targets? Paper presented at the Population Association of Southern Africa Annual conference, University of Venda, 10-13 July.
- Udjo E. O (2014). Projection population, numbers of households and dwelling units in South Africa 2011-2021. Paper presented at the Population Association of Southern Africa Annual conference, Walter Sisulu University, East London, 1-2 October.
119. Udjo E.O (2015). Estimated completeness of death registration: indication of exaggeration of official population size estimates from the 2011 census in South Africa? Paper presented at the Population Association of Southern Africa Annual Conference, University of KwaZulu-Natal, Durban, 8-10 July.
120. Udjo E. (2016). Demographic indicators on South Africa with a special focus on Gauteng and Limpopo provinces. Paper presented at the Workshop on measuring deprivation in order to promote human development in South Africa, Misty Hills, Muldersdift, 9 – 10 June 2015. Proceedings Report: Academy of Science of South Africa, January 2016.
121. Udjo E. O. (2016). Is HIV/AIDS related mortality declining in South Africa? Paper presented at the UNISA Research & Innovation Week, UNISA, 15 March.
122. Udjo E. O. (2016). Collaborative demographic intelligence for Africa’s development. Paper presented at the Strategic and Competitive Intelligence Professionals (SCIP) Africa Summit, Pretoria, UNISA, 17-19 October.
- Udjo E. O. (2016). Trends and differentials in mortality from communicable diseases in South Africa, 1997-2013. Paper presented at the European Population Conference, Mainz, Germany, 31 August – 3rd September.

Monographs

123. Udjo E. O. (1993). Botswana 1993 fertility and mortality survey: sampling design. Unpublished monograph for the Department of Demography, University of Botswana.
124. Udjo E. O. (1998). Additional evidence regarding fertility and mortality in South Africa, and implications on population projections. Unpublished monograph, Statistics South Africa, Pretoria.
125. Udjo E. O. (2003). Modeling the population of South Africa within the context of HIV/AIDS as a means of evaluating the 2001 census. Unpublished monograph, Human Sciences Research Council, Pretoria.
126. Udjo E. O. & Hare Roger (2006). Anomalies in 'census' information pertaining to Japheth Dan Damisa enumeration area in Dadinkowa locality, Talkum LGA Taraba State, North East Zone. Unpublished monograph as part of the report to ECORYS/European Union. Abuja.
127. Udjo E. O, Tladi L., Makiwane M., Andrews G., Mbelle N., Mugisha A., (2006). Assessment of the viability of the marriages and divorces series of the health and vital statistics division of Statistics South Africa. Unpublished Research Report, Human Sciences Research Council, Pretoria.
128. Udjo E. O. (2007). Africa futures project 2035/2050: Demographic projections. Unpublished Research Report, Bureau of Market Research, University of South Africa.
129. Udjo E. O. (2007). Evaluating the demographic aspects of the 2007 community survey. Unpublished monograph, Bureau of Market Research, University of South Africa.
130. Udjo E. O. (2008). Key indicators for monitoring and evaluating the implementation of population policy, Mpumalanga. Unpublished Research Report, Bureau of Market Research, University of South Africa.
131. Udjo E. O., Van Aardt C.J., Moshoeu A. N. (2008). Settlement and migration patterns in the North West Province. Unpublished monograph, Bureau of Market Research, University of South Africa.
132. Udjo E. O. & E. Masomola (2009). Migration patterns of UNISA students. Unpublished monograph, Bureau of Market Research, University of South Africa.
133. Udjo E. O. (2010) Demographic projections of City of Johannesburg 2010-2015 and implications. Study commissioned by City of Johannesburg Central Strategic Unit. Unpublished monograph, Bureau of Market Research, University of South Africa.
134. Udjo E. O. & Kembo J. (2010). Trends in universal primary education, child and maternal mortality in the context of the millennium development goals in South Africa with particular references to Gauteng and the North-West provinces. Study commissioned by the Population Unit, University of the North-West. Unpublished monograph, Bureau of Market Research, University of South Africa.
135. Udjo E. O. & Kembo J. (2010). Republic of South Africa millennium development goals country report for 2010, Goal 4: Reduce child mortality. Study commissioned by United Nations Development Program (UNDP). Unpublished monograph, Bureau of Market Research, University of South Africa.
136. Udjo E. O. & Kembo J. (2010). Republic of South Africa millennium development goals country report for 2010, Goal 5: Improve maternal health. Study commissioned by United Nations Development Program (UNDP). Unpublished monograph, Bureau of Market Research, University of South Africa.
137. Udjo E. O. & Kembo J. (2010). Republic of South Africa millennium development goals country report for 2010, Goal 6: Combat HIV and AIDS, malaria and other diseases (including tuberculosis). Study commissioned by United Nations Development Program (UNDP). Unpublished monograph, Bureau of Market Research, University of South Africa.
138. Udjo E. O. (2011). Identification, interpretation and use of basic development indicators in development planning for local municipalities in Mpumalanga province. Study commissioned by the Development of Social

Development, Mpumalanga Provincial Office. Unpublished monograph, Bureau of Market Research, University of South Africa.

139. Udjo E. O. & Lalthapersad-Pillay P. (2011). Provincial levels of maternal mortality in South Africa, 2001 and 2007. Study commissioned by Statistics South Africa. Unpublished monograph, Bureau of Market Research, University of South Africa.
140. Udjo E. O. & Lalthapersad-Pillay (2013). Republic of South Africa millennium development goal report for 2013, goal 4: reduce child mortality.
141. Udjo E. O. & Lalthapersad-Pillay (2013). Republic of South Africa millennium development goal report for 2013, goal 5: improve maternal mortality.
142. Udjo E.O. (2015). Projections of Botswana national and district populations, 2011-2026.
143. Udjo E. O. (2015). Assessment of the magnitude of migrants in the SADC region.
144. Udjo E. O (2015). Population indicators of development for the City of Johannesburg, 2001 and 2011.
145. Udjo E. O (2015). Mid-2014 ward population estimates for the City of Johannesburg.
146. Udjo E. O (2015). Population, households and dwelling units projections 2011-2021, City of Johannesburg.
147. Udjo E.O & van Aardt C.J (2016). Linking South Africa population dynamics to municipal revenue allocation in South Africa's cities.

Research specialty & interests

1. Demographic estimation and modelling (fertility, mortality, migration)
2. Population projections and small area estimation
3. Survey design, processing and analysis
4. Software development for demographic estimation

Computing

Computer programming languages: Familiar with FORTRAN-77, competent in BASIC

Software development: Developed a package for indirect demographic estimation which includes:

- P/F ratio analysis for fertility
- fitting the Relational Gompertz model for fertility analysis
- Childhood mortality analysis & taking into account AIDS
- Maternal and paternal orphanhood analysis for adult mortality estimation & taking into account AIDS
- Sisterhood estimation for maternal mortality analysis
- Construction of model life tables taking account of HIV/AIDS

Computer packages: Microsoft Office (Word, EXCEL Power Point), SPSS, MortPak, PAS, Spectrum, EPP.

Major international training workshops attended

1. Was one of 22 West African demographers selected and participated in a workshop on demographic surveys in Fajara, The Gambia, Nov-Dec 1987 sponsored by the International Union for the Scientific Study of Population.

2. Was one of 10 African social scientists selected and participated in a workshop on the determinants of health and mortality in Africa, at the London School of Hygiene & Tropical Medicine, Sept-Oct 1988, sponsored by the Institute for Resource Development, Westinghouse, U. S. A.
3. Has conducted training of many senior government and NGO officials, policy makers and academics for UNDP in demographic modelling in workshops in several African countries including South Africa, Uganda, Kenya.

Research awards

- The University of Maiduguri in 1982 to study levels and differentials in fertility and mortality among some Kanuri of N. E. Nigeria. Total amount, N5 600.
- The Rockefeller Foundation in 1988, RF 87069 Allocation 46: to study the determinants of fertility in a Nigeria community. Total amount US\$25 800.

Demographic sample surveys conducted

- Designed and conducted a single round retrospective survey among some Kanuri of N. E. Nigeria in 1982. The sample size comprised a total of 10 870 Kanuri; 3 241 women aged 14-50 were also interviewed.
- Designed and conducted a single round retrospective survey in Biu Local Government area, N. E. Nigeria in 1989. The sample size comprised a total of 15 035 persons; 3 104 women aged 15-49 were also interviewed.

Additional experience

- Examinations and time-table officer, Department of Sociology, University of Maiduguri, Nigeria, 1986-89.
- Tutor I, Faculty of Social Sciences, University of Botswana, Oct 1993 - Sept. 1994.
- Faculty of Social Sciences representative, Admissions Committee, University of Botswana, Oct 1993 - Sept. 1994.
- Faculty of Social Sciences representative, Rules & Regulations Committee, University of Botswana, Oct 1993 to Sept. 1994.
- Member, organising committee (Faculty of Social Sciences), African Regional Conference on the proposed European Economic Integration and its implications on Africa, Gaborone, June 1994.
- Organised a one-day Department of Demography Seminar, University of Botswana on "The magnitude and socioeconomic determinants of fertility in Botswana" at the Oasis Motel, Gaborone, 2 December 1994, sponsored by the UNFPA.
- Faculty of Social Sciences representative, Computer Services Committee, University of Botswana, Oct 1994 to Oct 1995.
- First Editor and Chief Editor (Jan 1996-Dec 1996). Department of Demography Working Papers, University of Botswana.
- Acting Head of Department of Demography, University of Botswana on several occasions.
- Member of the committee to develop the curriculum for the International Programme on Population and Sustainable Development at the Faculty of Social Science, University of Botswana.
- Member, International organising committee of International Union for the Scientific Study of Population's XXIInd general conference, Montreal, 1993.
- One of three lecturers in data processing and use of micro-computers at the Workshop on demographic surveys, Harare, Zimbabwe, 7-26 January, 1991.

- Consultant Demographer to Drafting Committee of the National Population Policy, Ministry of Finance and Development Planning, Botswana; Nov 1995 - October 1996.
- Member (representing Statistics South Africa), National organising committee of the Third African Population Conference, South Africa, December 1999.
- Associate, Centre for Population Studies, University of Pretoria. (Train students in methods of fertility analysis). 1998 to 2001.
- Consultant, Population Training and Research Centre, University of North-West. (To train students in Demographic Research: Population projections and demographic estimation). October 15 1999 to 2005.
- Member Local organising committee of Third African Population Conference, Dec. 1999.
- Council member, Demographic Association of Southern Africa, Sept. 1996 to 1998.
- Member, Editorial Advisory Board, Journal of African Population Studies, 1997.
- Member, Editorial Board, Southern African Journal of Demography, 1999.
- Vice-secretary, executive committee, Botswana Shukokai Karate Union. April 1994-Dec 1996.
- Assistant instructor, Botswana Shukokai Karate School, African Mall, Gaborone. 1994-Dec 1996.
- Assistant instructor, Pretoria East Karate club. 1997 to 2002.
- Member, Scientific Committee of the Small Grants Programme (Southern Africa representative), Union for African Population Studies.
- External examiner: University of Witwatersrand (1998); the National School of Public Health (NSPH), Medical University of South Africa; Faculty of Science (2004-2005); Faculty of Science, University of the Western Cape (2004-2006), University of KwaZulu-Natal, Faculty of Science & Agriculture (2008), Faculty of Humanities, Development and Social Sciences (2009), University of Botswana (Department of Population Studies, 2012 to date).
- Editor-in-Chief, Southern Africa Journal of Demography (2009 to September 2015).

Professional bodies affiliated

1. Member, International Union for the Scientific Study of Population (IUSSP)
2. Member, Union for African Population Studies
3. Member, Population Association of Southern Africa

Languages spoken/written

Urhubo, English

Other interests

Tennis, table tennis, squash, swimming, music, martial art.

Referees

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