

CURRICULUM VITAE

Personal Details

Name Andre Francis
Email andre.francis1@gmail.com; afrancis@perinatal.org.uk
Nationality British

Educational establishments and Qualifications

Level	Establishment attended	Qualification(s) gained
<i>Secondary</i>	Sloane Grammar, Chelsea, London (1956-1957)	
	Quarry Bank Grammar, Liverpool (1957-1959)	
	Hillfoot High, Liverpool (1959-1961)	GCE O levels
<i>Further</i>	City of Westminster College, London (1968-1969)	Intensive GCE A levels
<i>Higher</i>	City, University of London (1969-1972)	BSc (Hons) Mathematics
	Garnett College, University of London (1972-1973)	Certificate in Education (FE teaching)
	Brunel University, Uxbridge (Part time 1974-1977)	MSc Statistics
	Nottingham University (various lectures/short courses 1996-1997)	
	University of Warwick, Department of Medicine (2020-21)	PhD Medical Sciences (Fetal Growth Customisation)

Career History (Full Time, Main)

Perinatal Institute, Birmingham

Oct1999 – Present (Part-time from 2013)

Consultant Senior Statistician (and Non-executive Director):

Ongoing research and development of UK and international fetal growth applications and their presentation (currently). Coordination and integration of data structures and their consolidation, analysis and presentation (at various times previously).

University of Nottingham (Perinatal Research, Audit and Monitoring Unit)

Oct1995 – Oct 1999

Statistician and Data Analyst:

Perinatal data analysis and research.

KAI Typesetters, Nottingham

(Home-based) Oct 1993 – Oct 1995

Partner:

Layout/typesetting technical texts for national publishers.

Self-employed

Statistical Data Analyst :

Data organisation, statistical analysis and presentation for private clients and local companies.

Nottingham College (ex New College / Clarendon College), Nottingham

Sep 1977 – Oct 1993

Information Services Manager and Head of MIS Unit

Senior Lecturer, Mathematics, Statistics and Computing

Orpington College, Bromley, Kent

Sep 1973 – Sep 1977

Lecturer in Mathematics, Statistics and Computing

Full-time education

1968 – 1973

Royal Air Force

1962-63. HQ 24 Gp (Rudloe Manor, Wiltshire),

1963-65. HQMEC (Aden, South Arabia ... now Yemen),

1965-1968. HQFTC (Shinfield Park, Reading)

Statistical duties as Senior Aircraftman

Processing operational and ground/flying training data and their presentation and analysis using manual techniques, desktop calculators and mechanical and electro--mechanical processing machines.

Career History (Part Time)

***KAI Typesetters*, 1988 – 1993**

Started out typesetting my own text book and the work grew from there. (See Career History – Full-time, Main above)

***Fourpoint Computer Software*, 1984 – 1986**

A two man, home-based operation (my colleague ran full time for a year). Writing educational software for desktop (then-called micro- computers. Mainly business -based (Wages, Stock control etc) and licensed to educational authorities for use in schools and colleges.

***Fourpoint Computer Services Ltd*, 1982 – 1984**

Limited company. Registered as an ICL Traderpoint Centre in Nottingham city centre offices offering ICL PCs and business services.

***Lecturer*, 1974 – 1977 (at various times, for varying periods)**

Bromley College of Technology – Mathematics and Statistics to BSc (Econ)

Centre for Business Studies, London – Quantitative Techniques to Business Diploma students

Brunel University – Tutorial support to undergraduates.

Non-medical publications - sole author (Andre Francis)

Advanced Level Statistics;	Stanley Thornes (1978)
Aspects of the Generalised Binomial and Negative Binomial Distributions	Brunel University (STR/24 1978)
Business Mathematics and Statistics (6 th Edn)	Cengage Learning (2004); 1 st Edn 1986

Non-medical publications - joint author (Andre Francis)

Quantitative Techniques and Information Technology with A J Melville	DPP (1986)
Business Mathematics and Statistics (7 th Edn) ... with B Mousley	Cengage Learning (2014)

Medical publications: Papers - Sole and joint author (reverse chronological)

The Growth Assessment Protocol: a major cause of declining stillbirth rates in the UK. <i>Ultrasound Obstet Gynecol.</i> 2020 Jul [cited 2020 Sep 23];56(1):117–9. https://onlinelibrary.wiley.com/doi/abs/10.1002/uog.22100	Gardosi J, Turner S, Williams M, Buller S, Hugh O, Francis A.
Customised birthweight standard for a Polish population. <i>Arch Med Sci.</i> 2020;16(1)	Kajdy A, Hugh O, Modzelewski J, Rabijewski M, Francis A, Gardosi J.
Customised birthweight standard for an Iranian population. <i>The Journal of Maternal-Fetal & Neonatal Medicine.</i> 2019 Nov 25;1-6	Nasri K, Hantoushzadeh S, Hugh O, Heidarzadeh M, Habibelahi A, Shariat M, Francis A et al.
Customised birthweight standard for a Slovenian population. <i>J. Perinat. Med.</i> https://doi.org/10.1515/jpm-2018-0219	Tanja Premru-Srsen, Ivan Verdenik, Barbara Mihevc Ponikvar, Oliver Hugh, Andre Francis and Jason Gardosi
Customized vs INTERGROWTH-21st standards for the assessment of birthweight and stillbirth risk at term. <i>AJOG.</i> 2018 Feb;218(2, Supplement):S692–9.	Francis A, Hugh O, Gardosi J.
Customized growth charts: rationale, validation and clinical benefits. <i>AJOG</i> , Feb 2018 https://doi.org/10.1016/j.ajog.2017.12.011	Jason Gardosi, MD, FRCOG; Andre Francis, MSc; Sue Turner, BSc, RM; Mandy Williams, MSc, RM
Optimising the International Classification of Diseases to identify the maternal condition in the case of perinatal death. <i>BJOG.</i> 2016 Aug 16. doi: 10.1111/1471-	Allanson ER, Tunçalp Ö, Gardosi J, Pattinson RC, Francis A, Vogel JP, Erwich

0528.14246.	J, Flenady VJ, Frøen JF, Neilson J, Quach A, Chou D, Mathai M, Say L, Gülmezoglu AM.
Application of ICD-PM to preterm-related neonatal deaths in South Africa and United Kingdom. BJOG. 2016 Aug 16. doi: 10.1111/1471-0528.14245.	Allanson ER, Vogel JP, Tunçalp Ö, Gardosi J, Pattinson RC, Francis A, Erwich J, Flenady VJ, Frøen JF, Neilson J, Quach A, Chou D, Mathai M, Say L, Gülmezoglu AM.
The WHO application of ICD-10 to deaths during the perinatal period (ICD-PM): results from pilot database testing in South Africa and United Kingdom. BJOG. 2016 Aug 16. doi: 10.1111/1471-0528.14244.	Allanson ER, Tunçalp Ö, Gardosi J, Pattinson RC, Francis A, Vogel JP, Erwich J, Flenady VJ, Frøen JF, Neilson J, Quach A, Chou D, Mathai M, Say L, Gülmezoglu AM.
Giving a voice to millions: developing the WHO application of ICD-10 to deaths during the perinatal period: ICD-PM. BJOG. 2016 Aug 16. doi: 10.1111/1471-0528.14243. [Epub ahead of print] No abstract available.	Allanson ER, Tunçalp Ö, Gardosi J, Pattinson RC, Vogel JP, Erwich J, Flenady VJ, Frøen JF, Neilson J, Quach A, Francis A, Chou D, Mathai M, Say L, Gülmezoglu AM.
Effectiveness of folic acid supplementation in pregnancy on reducing the risk of small-for-gestational age neonates: a population study, systematic review and meta-analysis. BJOG, 2014 Nov 26, doi: 10.1111/1471-0528.13202	Hodgetts VA, Morris RK, Francis A, Gardosi J, Ismail KM
Association between reduced stillbirth rates in England and regional uptake of accreditation training in customised fetal growth assessment. BMJ Open. 2013 Dec 17;3(12):e003942. doi: 10.1136/bmjopen-2013-003942.	Gardosi J, Giddings S, Clifford S, Wood L, Francis A.
Maternal and fetal risk factors for stillbirth: a population-based study. BMJ. 2013 Jan 24;346:f108. doi: 10.1136/bmj.f108.	Gardosi J, Madurasinghe V, Williams M, Malik A, Francis A.
The customized fetal growth potential: a standard for Ireland. Eur J Obstet Gynecol Reprod Biol. 2013 Jan;166(1):14-7. doi: 10.1016/j.ejogrb.2012.09.007. Epub 2012 Oct 12.	Unterscheider J, Geary MP, Daly S, McAuliffe FM, Kennelly MM, Dornan J, Morrison JJ, Burke G, Francis A, Gardosi J, Malone FD.

Association between pregnancy complications and small-for-gestational-age birth weight defined by customized fetal growth standard versus a population-based standard. <i>The Journal of Maternal-Fetal & Neonatal Medicine</i> . 2011 Mar;24(3):411-7.	Odibo AO, Francis A, Cahill AG, Macones GA, Crane P, Gardosi J.
The customised growth potential: an international research tool to study the epidemiology of fetal growth. <i>PaediatrPerinat Epidemiol</i> . 2011 Jan;;25(1):2--10	Gardosi J, Figueras F, Clausson B, Francis A.
The value of customised centiles in assessing perinatal mortality risk associated with parity and maternal size. <i>Br J Obstet Gynaecol</i> 2009;;116:1356---1363.	Gardosi J, Clausson B, Francis A.
Adverse pregnancy outcome and association with smallness for gestational age by customised and population-based birthweight percentiles. <i>Am J Obstet Gynecol</i> 2009;;201:28 e1--8	Gardosi J, Francis A.
A customized standard to assess fetal growth in a US population. <i>AJOG</i> 2009;;201:25 e1--7.	Gardosi J, Francis A.
Parity and smallness for gestational age. <i>BJOG</i> . 2009 Jul;116(8):1135-6; author reply 1136-7. doi: 10.1111/j.1471-0528.2009.02127.x. No abstract available	Gardosi J, Francis A.
Association of smoking during pregnancy and fetal growth restriction: subgroups of higher susceptibility. <i>Eur J Obstet Gynecol Reprod Biol</i> . 2008 Jun;138(2):171-5. Epub 2007 Nov 26.	Figueras F, Meler E, Eixarch E, Francis A, Coll O, Gratacos E, Gardosi J.
Customized birthweight standards for a Spanish population. <i>Eur J Obstet Gynecol Reprod Biol</i> . 2008 Jan;136(1):20-4. Epub 2007 Feb 6.	Figueras F, Meler E, Iraola A, Eixarch E, Coll O, Figueras J, Francis A, Gratacos E, Gardosi J.
Cerebral palsy and restricted growth status at birth: population-based case-control study <i>Br J Obstet Gynaecol</i> ;; 2008;; 115:1250--1255	Jacobsson B, Ahlin K, Francis A, Hagberg G, Hagberg, H, Gardosi, J.
The use of customised versus population-based birthweight standards in predicting perinatal mortality. <i>BJOG</i> . 2007 Oct;114(10):1301-2; author reply 1303. No abstract available.	Gardosi J, Clausson B, Francis A.
A customized birthweight centile calculator developed for an Australian population. <i>Aust N Z J Obstet Gynaecol</i> . 2007 Apr;47(2):128-31.	Mongelli M, Figueras F, Francis A, Gardosi J.

Audit of fundal height measurement plotted on customised growth charts MIDIRS Midwifery Digest 16:3 2006;341	Wright J, Morse K, Kady S, Francis A.
Classification of stillbirth by relevant condition at death (ReCoDe) - a population based cohort study Br Med J 2005;;331:1113--1117	Jason Gardosi, Sue M Kady, Pat McGeown, Andre Francis, Ann Tonks.
Intrauterine growth in twin pregnancies; Giorn. It. Ost. Gin. Vol. XXVII - n. 5 Maggio 2005	J Gardosi, S M Kady, A Francis
A customised birthweight centile calculator developed for a New Zealand population. Aust N Z J Obstet Gynaecol. 2004 Oct;44(5):428-31.	McCowan L, Stewart AW, Francis A, Gardosi J.
Restricted fetal growth in sudden intrauterine unexplained death. Acta Obstet Gynecol Scand. 2004 Sep;83(9):801-7.	Frøen JF, Gardosi JO, Thurmann A, Francis A, Stray-Pedersen B.
Excessive volume expansion and neonatal death in preterm infants born at 27-28 weeks gestation. Paediatr Perinat Epidemiol. 2003 Apr;17(2):180-6	Ewer AK, Tyler W, Francis A, Drinkall D, Gardosi J.
Perinatal outcome of SGA births defined by customised vs population-based birthweight standards. Br J Obstet Gynaecol 2001;108:830-4	Clausson B, Gardosi J, Francis A, Cnattingius S.
Customised fetal weight limits for antenatal detection of growth restriction. Ultrasound Obstet Gynecol, 2000;15:36-40	deJong CLD, Francis A, vanGeijn HP, Gardosi J.
Early pregnancy predictors of preterm birth: the role of a prolonged menstruation-conception interval. Br J Obstet Gynaecol 2000;107:228-37	Gardosi J, Francis A.
Controlled trial of fundal height measurement plotted on customised antenatal growth charts. Br J Obstet Gynaecol 1999;106:309-17	Gardosi J, Francis A.
Fetal growth rate and adverse perinatal events Ultrasound Obstet Gynecol 1999;13:86-89	DeJong CLD, Francis A, van Geijn HP, Gardosi J.
Fetal weight gain in a serially scanned high-risk population Ultrasound Obstet Gynecol, 1998;11:39-43	DeJong CLD, Gardosi J, Baldwin C, Francis A, Dekker GA, vanGeijn HP.
Gestational age and induction of labour for prolonged pregnancy. Br J Obstet Gynaecol. 1997 Jul;104(7):792-7.	Gardosi J, Vanner T, Francis A.

Comparison of second trimester biometry in singleton and twin pregnancies conceived by assisted reproduction techniques Br J Obstet Gynaecol; 1997:104:737-40	Gardosi J, Mul T, Francis A, Hall J, Fishel S.
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Medical publications: Abstracts, Posters, Presentations - Joint author (reverse chronological)

Stillbirth risk and small-for-gestational-age rate in subgroups according to maternal size: comparison of GROW, WHO and IG21 fetal growth standards. Ultrasound in Obstetrics & Gynecology. 202056(S1):19–19. https://obgyn.onlinelibrary.wiley.com/doi/abs/10.1002/uog.22245	Francis A, Hugh O, Gardosi J.
Slow growth defined by customized growth trajectory and adverse perinatal outcome. 8 th International Fetal Growth Conference, Berlin Oct 2019	Andre Francis, Oliver Hugh, Jason Gardosi
Fetal growth trajectory assessed by customized limits and adverse perinatal outcomes. Bjog: An International Journal of Obstetrics and Gynaecology. 2019 DOI: 10.1111/1471—0528.	Francis A., Hugh O., Gardosi J.
The effect of mixed parentage on ethnic variation in birthweight. Bjog: An International Journal of Obstetrics and Gynaecology. 2019 DOI: 10.1111/1471—0528.15633	Hugh O., Francis A., Williams M., Gardosi J.
Fetal growth in twins: comparison of twin-specific STORK and singleton customized GROW charts. Bjog: An International Journal of Obstetrics and Gynaecology. 2019 DOI: 10.1111/1471—0528.15634	Francis A., Hugh O., Gardosi J.
Stillbirth risk and SGA rate in subgroups according to maternal size: comparison of GROW, IG21 and WHO fetal growth standards. Bjog: An International Journal of Obstetrics and Gynaecology. 2019 DOI: 10.1111/1471—0528.15636	Francis A., Hugh O., Gardosi J.
Prevalence of risk factors requiring serial ultrasound assessment of fetal growth according to new NHS England algorithm: fc1a.009. Bjog: An International Journal of Obstetrics and Gynaecology. 2016 Jun 1;123:8–9.	Francis A., Giddings S., Turner S., Gardosi J.
Effectiveness of ultrasound biometry at 34 – 36 weeks in the detection of small-for-gestational- age at birth. BJOG: An International Journal of Obstetrics and Gynaecology. 2016 Apr 1;123:86–7.	Francis A., Gardosi J.
Comparison of term optimal weight of babies of Indian origin born in India and England. BJOG: An International Journal of Obstetrics and Gynaecology. 2016 EP1a 079	N Aziz, E Fernandez, A Francis, J Gardosi.
Differences in optimal birthweight according to perinatal mortality risk in European vs non-European ethnic groups. RCOG World Congress 2016, Abstract 1916	Francis A. Williams M., Gardosi J.
Comparative analysis of SGA defined by customised GROW	Francis A. Gardosi J.

Charts and the UK-WHO neonatal weight charts to assess association with indicators of adverse pregnancy outcome. BJOG 2015 Apr 122	
Comparison of INTERGROWTH-21 based fetal weight standard with the INTERGROWTH-21 neonatal weight standard for defining SGA in a UK population. BJOG 2015 Apr 122;63-63	Francis A. Gardosi J.
INTERGROWTH-21 based fetal weight standards versus customized GROW standards and their ability to define SGA babies at increased risk of perinatal death. BJOG 2015	Francis A. Gardosi J.
Comparative analysis of SGA defined by customised GROW Charts and the UK-WHO neonatal weight charts to assess association with indicators of adverse pregnancy outcome. BJOG 2015	Francis A. Gardosi J.
Accuracy of ultrasound estimation of fetal weight at term Arch Dis Child Fetal Neonatal Ed 2011;96: Fa61	Francis A, Tonks A, Gardosi J
Creating a customized birth weight standard for Harris County's Hispanic population. Poster session. AJOG Vol 204 Issue 1 supplement S336 Jan 1 2011 DOI: https://doi.org/10.1016/j.ajog.2010.10.952	Nikolaos Zacharias Sanaz Amini Haleh Sangi-Haghpeykar Andre Francis Jason Gardosi
Maternal smoking cessation and fetal growth restriction. Poster session. AJOG Vol 201 Issue 6 supplement S78 Dec 1 2009 DOI: https://doi.org/10.1016/j.ajog.2009.10.191	Mandy Williams, Andre Francis, Jason Gardosi
Development of a customized fetal growth standard for a Mid-Western American population. AJOG Vol 201 Issue 6 supplement S137 Dec 1 2009 DOI: https://doi.org/10.1016/j.ajog.2009.10.365	Anthony Odibo, Andre Francis, George Macones, James Crane, Jason Gardosi
Antenatal detection of fetal growth restriction and stillbirth risk in mothers with high and low body mass index. AJOG Vol 201 Issue 6 supplement S209 Dec 1 2009 DOI: https://doi.org/10.1016/j.ajog.2009.10.428	Mandy Williams, Andre Francis, Jason Gardosi
Stillbirth in pregnancies of obese mothers is associated with increased risk of fetal growth restriction. AJOG Vol 201 Issue 6 supplement S223 Dec 1 2009 DOI: https://doi.org/10.1016/j.ajog.2009.10.470	Jason Gardosi, Mandy Williams, Andre Francis
Clinical causes of stillbirth associated with maternal obesity. AJOG Vol 201 Issue 6 supplement S223 Dec 1 2009 DOI: https://doi.org/10.1016/j.ajog.2009.10.471	Jason Gardosi, Mandy Williams, Andre Francis
Cerebral palsy is strongly associated with severe intrauterine growth restriction in term but not in preterm cases. AJOG Vol 189 Issue 6 supplement S74 Dec 1 2003 DOI: https://doi.org/10.1016/j.ajog.2003.10.044	Bo Jacobsson, Andre Francis, Gudrun Hagberg, Henrik Hagberg, Jason Gardosi
"Unexplained" stillbirths: An investigation of the clinically relevant conditions at the time of fetal death. AJOG Vol 189 Issue 6 supplement S158 Dec 1 2003 DOI: https://doi.org/10.1016/j.ajog.2003.10.354	Jason Gardosi, Sarah Badger, Ann Tonks, Andre Francis

Stillbirth and fetal growth restriction at preterm and term gestations in singleton pregnancies: A multivariate analysis. AJOG Vol 189 Issue 6 supplement S158 Dec 1 2003 DOI: https://doi.org/10.1016/j.ajog.2003.10.355	Jason Gardosi, Andre Francis, Sven Cnattingius
Neonatal deaths and fetal growth restriction at preterm and term gestation in singleton pregnancies: A multivariate analysis. AJOG Vol 189 Issue 6 supplement S158 Dec 1 2003 DOI: https://doi.org/10.1016/j.ajog.2003.10.356	Jason Gardosi, Andre Francis, Sven Cnattingius

Hobbies and Interests

Current Affairs, Music, Singing, Walking, Animals and their Habitat Conservation, Science Fiction, Writing and Gardening.