

# CURRICULUM VITAE

## Personal Details

Name Andre Francis  
Email andre.francis1@gmail.com  
Nationality British

## Educational establishments attended

|                  |  |
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| <i>Secondary</i> | Sloane Grammar, Chelsea, LONDON (1956-1957)                      |
|                  | Quarry Bank Grammar, LIVERPOOL (1957-1959)                       |
|                  | Hillfoot High, LIVERPOOL (1959-1961)                             |
| <i>Further</i>   | City of Westminster College, LONDON (1968-1969)                  |
| <i>Higher</i>    | City University, LONDON (1969-1972)                              |
|                  | Garnett College, University of London (1972-1973)                |
|                  | Brunel University, LONDON (Part time 1974-1977)                  |
|                  | Nottingham University (various lectures/short courses 1996-1997) |

## Educational Qualifications

6 GCE O levels; 4 GCE A levels – School, RAF, City of Westminster College, London  
BSc (Hons) – City University, London  
Cert Ed – Garnett College, University of London  
MSc – Brunell University

## Career History (Full Time, Main)

### **Perinatal Institute, Birmingham**

Oct 1999 – Present (Part-time from 2013)

*Statistician (and Director):*

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

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

Oct 1995 – 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.

*Statistical Data Analyst:*

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

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

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**

|   |   |
|---|---|
| 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 <sup>th</sup> Edn)               | Cengage Learning (2004); 1 <sup>st</sup> Edn 1986 |

## Non-medical publications -- joint author

|   |                         |
|---|-------------------------|
| Quantitative Techniques and Information Technology ...<br>with A J Melville     | DPP (1986)              |
| Business Mathematics and Statistics (7 <sup>th</sup> Edn) ...<br>With B Mousley | Cengage Learning (2014) |

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

|   |   |
|---|---|
| Customized vs INTERGROWTH-21st standards for the assessment of birthweight and stillbirth risk at term. American Journal of Obstetrics and Gynecology. 2018 Feb;218(2, Supplement):S692–9.                          | Francis A, Hugh O, Gardosi J.   |
| Optimising the International Classification of Diseases to identify the maternal condition in the case of perinatal death. BJOG. 2016 Aug 16. doi: 10.1111/1471-0528.14246.   | 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. |
| 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. |
| 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.  |

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| <p>The customized fetal growth potential: a standard for Ireland.</p> <p>Eur J Obstet Gynecol Reprod Biol. 2013 Jan;166(1):14-7. doi: 10.1016/j.ejogrb.2012.09.007. Epub 2012 Oct 12.</p>  | <p>Unterscheider J, Geary MP, Daly S, McAuliffe FM, Kennelly MM, Dornan J, Morrison JJ, Burke G, Francis A, Gardosi J, Malone FD.</p> |
| <p>Association between pregnancy complications and small-for-gestational-age birth weight defined by customized fetal growth standard versus a population-based standard. The Journal of Maternal-Fetal &amp; Neonatal Medicine. 2011 Mar;24(3):411-7.</p> | <p>Odibo AO, Francis A, Cahill AG, Macones GA, Crane P, Gardosi J.</p>  |
| <p>The customised growth potential: an international research tool to study the epidemiology of fetal growth.</p> <p>Paediatr Perinat Epidemiol. 2011 Jan;;25(1):2--10</p>   | <p>Gardosi J, Figueras F, Clausson B, Francis A.</p>  |
| <p>The value of customised centiles in assessing perinatal mortality risk associated with parity and maternal size.</p> <p>Br J Obstet Gynaecol 2009;;116:1356--1363.</p>  | <p>Gardosi J, Clausson B, Francis A.</p>  |
| <p>Adverse pregnancy outcome and association with smallness for gestational age by customised and population-based birthweight percentiles.</p> <p>Am J Obstet Gynecol 2009;;201:28 e1--8</p>  | <p>Gardosi J, Francis A.</p>  |
| <p>A customized standard to assess fetal growth in a US population. AJOG 2009;;201:25 e1--7.</p>   | <p>Gardosi J, Francis A.</p>  |
| <p>Parity and smallness for gestational age.</p> <p>BJOG. 2009 Jul;116(8):1135-6; author reply 1136-7. doi: 10.1111/j.1471-0528.2009.02127.x. No abstract available</p>  | <p>Gardosi J, Francis A.</p>  |
| <p>Association of smoking during pregnancy and fetal growth restriction: subgroups of higher susceptibility.</p> <p>Eur J Obstet Gynecol Reprod Biol. 2008 Jun;138(2):171-5. Epub 2007 Nov 26.</p>   | <p>Figueras F, Meler E, Eixarch E, Francis A, Coll O, Gratacos E, Gardosi J.</p>  |
| <p>Customized birthweight standards for a Spanish population.</p> <p>Eur J Obstet Gynecol Reprod Biol. 2008 Jan;136(1):20-4. Epub 2007 Feb 6.</p>  | <p>Figueras F, Meler E, Iraola A, Eixarch E, Coll O, Figueras J, Francis A, Gratacos E, Gardosi J.</p>                                |
| <p>Cerebral palsy and restricted growth status at birth : population-based case-control study</p> <p>Br J Obstet Gynaecol;; 2008;; 115:1250--1255</p>  | <p>Jacobsson B, Ahlin K, Francis A, Hagberg G, Hagberg, H, Gardosi, J.</p>  |
| <p>The use of customised versus population-based birthweight standards in predicting perinatal mortality.</p> <p>BJOG. 2007 Oct;114(10):1301-2; author reply 1303. No abstract available.</p>  | <p>Gardosi J, Clausson B, Francis A.</p>  |
| <p>A customized birthweight centile calculator developed</p>   | <p>Mongelli M, Figueras F, Francis A,</p>   |

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| for an Australian population.<br>Aust N Z J Obstet Gynaecol. 2007 Apr;47(2):128-31.   | 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) -<br>- a population based cohort study<br>Br Med J 2005;;331:1113--1117        | Jason Gardosi, Sue M Kady, Pat McGeown, Andre Francis, Ann Tonks.    |
| A customised birthweight centile calculator developed for a New Zealand population.<br>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.<br>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.<br>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>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<br>Ultrasound Obstet Gynecol 1999;13:86-89   | DeJong CLD, Francis A, van Geijn HP, Gardosi J..                     |
| Controlled trial of fundal height measurement plotted on customised antenatal growth charts<br>Br J Obstet Gynaecol, 1999;106:309-317               | Gardosi J, Francis A.  |
| Fetal weight gain in a serially scanned high-risk population<br>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>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>Br J Obstet Gynaecol;    | Gardosi J, Mul T, Francis A, Hall J, Fishel S.                       |

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| 1997:104:737-40 |  |
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**Medical publications: Posters and Presentations -- Sole and joint author (reverse chronological)**

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|---|--|
| 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.                         |
| 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 Apr 122                             | 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                  |

**Hobbies and Interests**

Choral singing (choir and quartet); Writing; the Web and Cloud computing;