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Born: November 8, 1953 in Odense, Denmark  
Wife: Nita. Children: Naja (17.11.1977), Nici (27.10.1994) and Sarah (27.08.2005)

**Education**

21.07.73 High school, mathematics - Odense Katedralskole.  
17.09.80 MSc - University of Odense  
Major in mathematics, minor in biology; thesis in biostatistics  
1982-83 Pedagogy - Mulernes Legatskole, Odense  
13.05.2005 PhD - Faculty of Health Science, University of Copenhagen  
Mortality pattern and interventions during the war in Guinea-Bissau 1998-99.  
Statistical methods and inference in complex emergency situations

**Languages**

Danish: Native language.  
English: Excellent in speaking and writing.  
German/French/Portuguese: Reading skills.  
Creole: Fluent (local language in Guinea-Bissau).

**Employments**

1976-80 Instructor at Institute of Mathematics, University of Odense  
1980-81 Compulsory military service  
1981-83 Teaching at high school  
1983-87 Baltica Insurance company, Person-insurance  
1987-92 The Guaranty Fund for Danish Options and Futures. Head of System Department  
1992-93 Parkegaard Partners, Aarhus.  
1993-96 Post Danmark, Informatic Service. Project-manager  
1996-99 Advisory agency in statistics and IT  
2000.01- Bandim Health Project, Division of Epidemiology, Statens Serum Institut  
2000.03-2002.07 Guinea-Bissau  
2002.08- Denmark, with two to three visits per year in Guinea-Bissau  
2005.01-2007.03 PostDoc: Mortality patterns in Guinea-Bissau from 1978 to 2003: the impact of health interventions, socio-economic changes and environmental conditions  
2007.04-2009.12 PostDoc: Impact of vaccination campaigns and routine vaccinations: Mortality patterns in Guinea-Bissau 1978 to 2007

**Teaching**

1976-80 Mathematics and statistics, Institute of Mathematics, University of Odense  
1981-82 High school: mathematics and biology  
1982-83 Pedagogy - Mulernes Legatskole, Odense  
1992-93 Develop and perform PC and PC-network courses  
2001-05 Several courses in biostatistics and computer programs for Masters and PhD students in Guinea-Bissau

**Courses**

1998.02-06	Estimation functions, University of Copenhagen
1998.09-12	Monte Carlo Markow Chain, University of Copenhagen
1999.02-06	Advanced variance analysis, University of Copenhagen
2001.06-07	Epidemiology Course, EEPE 14 <sup>th</sup> Residential summer course, Florence
2002.10	Social Epidemiology, University of Copenhagen
2002.12	Regression Analysis (Stanley Lemeshow), University of Copenhagen
2004.08	Statistical Genetics, Royal Veterinary and Agricultural University
2004.10	Survival and event history analysis, University of Copenhagen
2005.08	Epidemiology for biostatisticians, University of Copenhagen
2006.05	Bayesian Data Analyses, University of Copenhagen
2006.10	Missing data, particularly in longitudinal studies, University of Copenhagen

Various courses in IT, project-management, accounting etc.

**Publications**

1. Benn CS, Jeppesen DL, Hasselbalch H, Olesen AB, Nielsen J, Björkstén B, Lisse I, Aaby P. Thymic size and head circumference at birth and the development of allergic diseases. *Clin Exp Allergy* 2001;31:1862-66
2. Poulsen A, Qureshi K, Lisse I, Kofoed PE, Nielsen J, Vestergaard BF, Aaby P. A Household Study of Chickenpox in Guinea-Bissau: Intensity of Exposure is a Determinant of Severity. *Journal of Infection* 2002; 45: 237-42
3. Jakobsen MS, Sodemann S, Mølbak K, Alvarenga IJ, Nielsen J, Aaby P. Termination of breastfeeding due to a new pregnancy is associated with increased mortality after weaning. *International Journal of Epidemiology*. 2003; 32: 92-6
4. Jakobsen MS, Sodemann M, Nylén G, Balé C, Nielsen J, Lisse IM, Aaby P. Breastfeeding status as a predictor of mortality among refugee children in an emergency situation in Guinea-Bissau. *Tropical Medicine and International Health* 2003; 8: 1-5
5. Nielsen J. 2003. Interventions during the 1998-99 war in Guinea-Bissau. In: Sodemann M, Aaby P, editors. *Bandim Health Project 1978-2003. Improving child health? The Bandim Health Project*, 2003, Denmark: 80-81
6. Sodemann M, Veirum J, Biai S, Nielsen J, Bale C, Jakobsen MS, Gustafson P, Aaby P. Reduced case fatality among hospitalised children during a war in Guinea-Bissau: a lesson in equity. *Acta Paediatrica* 2004; 93: 959-964
7. Nielsen J, Martins C, Valentiner-Branth P, Cabral F, Aaby P. Malnourished children and supplementary feeding during war-emergency in Guinea-Bissau 1998-99. *American Journal of Clinical Nutrition* 2004; 80: 1036-42
8. Nielsen J, Jensen H, Andersen PK. Creating a reference to a complex emergency situation using Time Series methods: war in Guinea-Bissau 1998-99. *Journal of Applied Statistics* 2005; 32: 75-86
9. Poulsen A, Cabral F, Nielsen J, Roth A, Lise IM, Vestergaard BF, Aaby P. A Varizella zoster in Guinea-Bissau: Intensity of exposure and severity of infection. *Paediatric Journal of Infectious Disease* 2005; 24: 102-107
10. Lisse I, Qureshi K, Poulsen A, Kofoed PE, Nielsen J, Vestergaard BF, Aaby P. T-lymphocyte subsets and eosinophil counts in acute and convalescent chickenpox infection: A household study in Guinea-Bissau. *Journal of Infection* 2005; 50: 125-129

11. Nielsen J, Benn CS, Balé C, Martins C, Aaby P. Vitamin A supplementation during an emergency in Guinea-Bissau, 1998-99. *Acta Tropica* 2005; 93: 275-282
12. Nielsen J. Mortality patterns and interventions during the war in Guinea-Bissau 1998-99. Statistical methods and inference in complex emergency situations. University of Copenhagen 2005 (PhD-thesis)
13. Sodemann M, Rodrigues A, Nielsen J, Aaby P. Maternal vulnerability and socio-economic inequalities in child mortality in West Africa. In: *Measuring Health Equity in Small Areas. Findings from Demographic Surveillance Systems*. INDEPTH Network 2005
14. Hoj L, Cardoso P, Nielsen BB, Hvidman L, Nielsen J, Aaby P. Sublingual misoprostol reduces severe postpartum haemorrhage in primary health centre in Guinea-Bissau: randomised, double-blind clinical trial. *BMJ* 2005; 331: 723-7
15. Stensballe LG, Kristensen K, Nielsen J, Aaby P. Diagnosis coding in The Danish National Patient Registry for respiratory syncytial virus infections. *Scand J Infect Dis* 2005; 37: 747-52
16. Poulsen A, Cabral F, Nielsen J, Roth A, Lisse I, Aaby P. Growth, morbidity and mortality after chickenpox infection in young children in Guinea-Bissau. *Journal of Infection* 2005; 51: 307-313
17. Jensen H, Benn CS, Nielsen J, Lisse IM, Rodrigues A, Aaby P. DTP in low-income countries: improved child survival or survival bias? *BMJ* 2005; 330:845-6
18. Nielsen J, Jensen H, Andersen PK, Aaby P. Mortality patterns during war-emergency in Guinea-Bissau 1998-99: changes in risk factors? *International Journal of Epidemiology* 2006; 35: 438-46
19. Valentiner-Branth P, Nielsen J, Steinsland H, Perch M, Fischer TK, Sommerfeldt H, Mølbak K, Aaby P. Community study of *Cryptosporidium parvum* infections: Sex-differential effects associated with BCG and diphtheria-tetanus-pertussis vaccine. *Vaccine* 2006 ; 24: 4737-46
20. Aaby P, Vessari H, Nielsen J, Maleta K, Benn CS, Jensen H, Ashorn P. Non-specific and sex-differential effects of routine immunizations in rural Malawi. *PIDJ* 2006; 25: 721-7
21. Rodrigues A, Fischer TK, Valentiner-Branth P, Nielsen J, Steinsland H, Perch M, Garly ML, Sommerfeldt H, Mølbak K, Aaby P. Community cohort study of rotavirus and other enteropathogens: Are routine vaccinations associated with sex-differential incidence rates? *Vaccine* 2006; 24: 4737-46
22. Nielsen BB, Høj L, Hvidman L, Nielsen J, Cardoso P and Aaby P. [Reduced post-partum bleeding after treatment with sublingual misoprostol: a randomized double-blind clinical study in a developing country (secondary publication). *Ugeskr Læger* 2006; 168:1341-1343
23. Roth AE, Garly ML, Jensen H, Nielsen J, Aaby P. Bacille Calmette Guerin vaccination and infant mortality. *Expert Review on Vaccines* 2006; 5: 277-93
24. Garly ML, Balé C, Martins C, Whittle H, Nielsen J, Lisse I, Aaby P. Prophylactic antibiotics to prevent pneumonia and other complications after measles: community based randomised double blind placebo controlled trial in Guinea-Bissau. *BMJ* 2006; 333: 1245
25. Poulsen A, Stensballe LG, Nielsen J, Benn CS, Balde A, Roth A, Lisse IM, Aaby P. Long-term consequences of respiratory virus acute lower respiratory tract infection in early childhood in Guinea-Bissau. *PIDJ* 2006; 25: 1025-31
26. Stensballe LG, Kristensen K, Simoes EAF, Jensen H, Nielsen J, Benn CS, Aaby P, Danish RSV Data Network. Asthmatic disposition, wheezing, asthma and respiratory syncytial virus (RSV) hospitalization in Danish children younger than 18 months: A nested case-control study. *Pediatrics* 2006; 118: 1360-68
27. Roth AE, Nielsen J. A non-beneficial effect of BCG on non-tuberculous childhood mortality? *Vaccine* 2007; 15: 12-13

28. Jensen H, Benn CS, Nielsen J, Lisse IM, Rodrigues A, Andersen PK, Aaby P. Survival bias in observational studies of the impact of routine immunizations on childhood survival. *Tropical Medicine and International Health* 2007; 12: 5-14
29. Aaby P, Benn CS, Nielsen J, Roth A, Rodrigues A, Jensen H. DTP vaccination and child survival in observational studies with incomplete vaccination data. *Tropical Medicine and International Health* 2007; 12: 15-24
30. Aaby P, Garly ML, Nielsen J, Jensen H, Martins C, Balé C, Jensen H, Rodrigues A, Benn CS, Lise IM. Increased female-male mortality ratio associated with inactivated polio and diphtheria-tetanus-pertussis vaccines: Observations from vaccination trails in Guinea-Bissau. *PIDJ* 207; 26: 247-52
31. Wejse C, Gustafson P, Nielsen J, Aaby P, Andersen PL, Sodemann M. TBscore: Signs and symptoms from tuberculosis patients in a low-resource setting have predictive value and may be used to assess clinical course. *Scand J Infect Dis.* 2007; 3: 1-10
32. Jakobsen M, Sodemann M, Biai S, Nielsen J, Aaby P. No beneficial effect of exclusive breastfeeding on growth, morbidity, and mortality. A randomised intervention study from Guinea-Bissau. *Acta Paediatrica Scandinavica* (accepted)