

**Curriculum Vitae**  
**Mikko Paunio**  
**Born: February 4. 1961**  
**Country of Citizenship: Finland**  
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### **EDUCATION AND SPECIALITY**

- Licentiate of Medicine (M.D.), March 28. 1989 (University of Helsinki).
- Doctor of Medical Sciences (Ph.D.) March 28. 1989 (University of Helsinki).
- A four month intensive course (February 1. - May 31.1991) (Free University of Brussels) "Statistical, Epidemiological, and Operational Methods applied in Medicine and Public Health".
- Master of Health Science (M.H.S.) in chronic disease epidemiology (two-year program). Johns Hopkins School of Hygiene and Public Health. Graduation date May 23. 1993.
- Board certification in public health November 2. 1999 (six-year-programme at the University of Helsinki).
- Docent in epidemiology February 7. 2000 (University of Helsinki).

### **WORKING CAREER**

- Part or full time researcher (along with M.D. studies) in the National Public Health Institute, Unit of Statistics 1984 - 1988.
- Permanent researcher and teacher 1990 - 1993 in the University of Helsinki, Department of Public Health.
- Short term employment in different ambulatory units during the years 1986-1988 as a primary health care physician. Compulsory internship in surgery, pediatrics, and internal medicine in 1987 (four months) in the Central University Hospital of Helsinki.
- Teaching assistant positions during the academic year 1992 - 1993 in the Johns Hopkins School of Hygiene and Public Health. Years 1993-1999 (June 30.) as a senior research assistant and teacher at the University of Helsinki, Department of Public Health.
- Current position: 1999 July – senior medical officer (environmental medicine) in the Ministry of Social Affairs and Health of Finland.

### **MOST IMPORTANT PUBLICATIONS**

- Paunio M.** Rokotusmyöntövyvyys ja rokotuskattavuus: rokottamattomuuden syyt ja yleisten ja perheeseen kohdistuneiden toimenpiteiden vaikutus rokotuskattavuuteen. Compliance and vaccination coverage - Reasons for noncompliance and the effects of public and individual interventions in a nationwide children's measles, mumps and rubella (MMR) vaccination programme (in Finnish with Swedish and English summaries). *Health Services Research by the National Board of Health in Finland #47*, Helsinki 1988. Academic thesis; monograph, University of Helsinki.
- Paunio M, Virtanen M, Peltola H, Cantell K, Paunio, P, Valle M, Karanko V, Heinonen OP:** Increase of vaccination coverage by mass media and individual approach - intensified measles, mumps and rubella prevention program in Finland in 1982 - 1986. *American Journal of Epidemiology* 1991;133:1152-60.

- Paunio M**, Heinonen OP, Virtamo J, Klag MJ, Manninen V, Albanes D, Comstock GW. High density lipoprotein cholesterol and mortality in Finnish men with special reference to alcohol intake. *Circulation* 1994;90:2909-18.
- Peltola H, Heinonen OP, Valle M, **Paunio M**, Karanko V, Virtanen M, Cantell K. A twelve-year two-dose vaccination program to eliminate indigenous measles, mumps and rubella from Finland. *The New England Journal of Medicine* 1994;331:1397-1402.
- Paunio M**, Virtamo J, Gref C-G, Heinonen OP. HDL cholesterol, Alcohol intake and coronary mortality in a male smokers. *British Medical Journal* 1996;312:1200-3.
- Heinonen OP, **Paunio M**, Peltola H. Total elimination of measles in Finland. *Annales of Medicine* 1998;30:131-3.
- Peltola H, Patja A, Leinikki P, Valle M, Davidkin I, **Paunio M**. No evidence for measles, mumps and rubella vaccine associated inflammatory bowel disease or autism in a 14-year prospective study. *Lancet* 1998;351:1327-8.
- Paunio M**, Peltola H, Valle M, Davidkin I, Virtanen M, Heinonen OP. Explosive school based measles outbreak - intense exposure to measles may have resulted in high risk even among revaccinees. *American Journal of Epidemiology* 1998;148:1103-10.
- Pebody R, **Paunio M**, Ruutu P. Crohn's disease has not increased in Finland. *British Medical Journal* 1998;316:1745.
- Paunio M**, Peltola H, Valle M, Davidkin I, Virtanen M, Heinonen OP. Twice vaccinated are better protected against epidemic measles than are single dose recipients of measles-containing vaccine. *Journal of Epidemiology Community and Health* 1999;53:173-8.
- Paunio M**, Pebody R, Keskimäki M, Kokki M, Ruutu P, Oinonen S, Vuotari V, Siitonen A, Tast E, Leinikki P. Swimming associated outbreak of *Escherichia coli* O157:H7. *Epidemiology and Infection* 1999;122:1-5.
- Vapalahti K, **Paunio M**, Vaheri A, Brummer-Korvenkontio M, Vapalahti O. Puumala virus infection in Finland - increased occupational risk for farmers. *American Journal of Epidemiology* 1999;149:1142-51.
- Leppälä J, **Paunio M**, Virtamo J, Fogelholm R, Albanes D, Taylor P, Heinonen OP. Alcohol consumption and stroke incidence in male smokers. *Circulation* 1999;100:1209-14.
- Paunio M**, Peltola H, Virtanen M, Patja A, Leinikki P, Heinonen OP. Measles history and atopic allergies: A population based, cross-sectional study. *Journal of American Medical Association* 2000;283:343-6.
- Paunio M**, Hedman K, Davidkin I, Valle M, Heinonen OP, Leinikki P, Salmi A, Peltola H. Secondary measles vaccine failures identified by measurement of IgG avidity: high occurrence among teenagers vaccinated at young age. *Epidemiology and Infection* 2000;124:263-71.
- Peltola H, Davidkin I, **Paunio M**, Valle M, Leinikki P, Heinonen OP. Mumps and rubella follow measles into extinction in Finland. *Journal of American Medical Association* 2000;284:2643-7.
- Virtanen M, Peltola H, **Paunio M**, Heinonen OP. Day to day reactogenicity of the two-dose measles mumps- rubella vaccine schedule in a double-blind crossover trial. *Pediatrics* 2000;106(5):e62.
- Patja A, **Paunio M**, Kinnunen E, Junttila O, Hovi T, Peltola H. Risk of Guillain-Barre syndrome after measles-mumps-rubella vaccination. *The Journal of Pediatrics* 2001;138:250-4.
- Patja A, Mäkinen-Kiljunen S, Davidkin I, **Paunio M**, Peltola H. Mediators of allergic reactions to measles-mumps-rubella vaccination. *Pediatrics* 2001;107:e27.