CRISTINA MONTOMOLI

EDUCATION
• 1988 Degree in Biological Sciences, option Biophysics, University of Pisa (Italy)
• 1990 Post-degree in Statistique appliquée à la Medicine, Option Epidemiologie, University of Paris VI (France)
• 1991 Post-degree in Medical Statistics, University of Pavia (Italy)
• 1995 PhD in Public Health and Community Medicine, University of Sassari (Italy)

PROFESSIONAL AND SCIENTIFIC MEMBERSHIP
2010-2013 Director of the post-degree school in Medical Statistics, Faculty of Medicine and Surgery, Pavia University
2008-2013 Director of the interdepartmental center for Study and Research on Road Safety, Pavia University
2001-present Member of the Clinical Trial Quality Team, Istituto Neurologico Nazionale "C. Besta", Milano
2007-2013 Member (as biostatistician) of the ethical committee of the Neurological Institute "C. Mondino", Pavia
2009-2011 President of the Italian Society for Medical Statistics and Clinical Epidemiology (SISMEC)
2007-2009 Elected President of the Italian Society of Medical Statistics and Clinical Epidemiology
2005-2007 Scientific secretary of the Italian Society of Medical Statistics and Clinical Epidemiology
2012 Coordinator of the Master "Biostatistics and Clinical Epidemiology", University of Pavia
2005-2011 Member of the teaching staff of the PhD school in Public Health and Education of Pavia University
2011-present Member of the teaching staff of the PhD school in Psychology, Health and Statistical Sciences of Pavia University
2004-2006 Member of the Working Group for the drafting of guidelines about "Management and prevention of Sudden Infant Death Syndrome (SIDS) cases" of the Lombardy Region, Italy
2004-2006 Member of the committee for the study "HERA: Epidemiological study on the risk of death due to unknown or ill defined causes during the first two years of life", coordinated by the Italian Health Institute (Istituto Superiore di Sanità), Roma, Italy
2004-2008 Member of the vaccine commission of the Lombardy region

MAIN RESEARCH FIELDS
- Analysis of the distribution of neuro-degenerative diseases (multiple sclerosis, myasthenia gravis); mortality studies (infant mortality and sudden infant death syndrome);
- evaluation of measurement scales and questionnaires (evolution of disease and dysphagia in multiple sclerosis patients, visual object recognition in children, psychological distress in the general population);
- evaluation of treatment efficacy;
- genetic epidemiology (risk in relatives of multiple sclerosis patients, risk of microvascular complications in diabetes patients);
- epidemiology of road accident (risk factors of road crashes);
- statistical methodology (Bayesian analysis of the geographical distribution of diseases).

COLLABORATIONS

She has numerous research and teaching collaboration with the following research and health institutions: Lombardy Region, Direzione Generale Sanità, Pavia Local Health Authority, Lodi Local Health Authority, CNR, Istituto di Fisiologia Clinica, Pisa; Neurological Institute "C. Mondino", Pavia; Istituto Auxologico Italiano, Milano; University of Milano Bicocca; Ministry of Justice, Romania; Human Biological Data Interchange, Philadelphia; Columbia University, New York, Department of Biostatistics; Istituto Neurologico Besta, Milano; Univesrity of Timisoara, Romania.

PUBLICATIONS

She has more than 80 publications in the field of neuroepidemiology, public health, neurosciences and medical statistics; 45 publications with Impact Factor (2 accepted for publication). From Scopus database: Total number of citations=709; Number of normalized journal papers= 32; Number of normalized citations = 33.762; Contemporary H-index =10.

TEACHING

2000-present BA (Corso di laurea triennale) – Nurse - Medical Statistics and Informatics, University of Pavia

2000- present BA (Corso di laurea triennale) - Obstetrician - Medical Statistics and Informatics, University of Pavia

2000- present BA (Corso di laurea triennale) - Sport Exercise - Medical Statistics, University of Pavia

2010-present MA (Corso di laurea magistrale) - Sport Exercise - Medical Statistics, University of Pavia

2008-present MA (Corso di laurea magistrale) Nurse - Medical Statistics and Informatics, University of Pavia

2008-present MA (Corso di laurea magistrale) Health Technicians - Medical Statistics and Informatics, University of Pavia

2000- 2009 Post-degree in Medical Statistics, Faculty of Medicine and Surgery- Course "Design and analysis of case-control studies", University of Pavia

2006-2009 MA (Corso di laurea magistrale) Biostatistics, Faculty of Statistical Sciences, University of Milan Bicocca

2009 – 2011 Post-degree in Hygiene, Occupational Medicine, Forensic Medicine, Course "Statistical analysis of clinical data", University of Pavia

2008 - 2009 Post-degree in Radiotherapy, Nutrition, Faculty of Medicine and Surgery - Course "Survival analysis for longitudinal studies", University of Pavia

2001 – 2008 Post-degree in Anesthesiology, Faculty of Medicine and Surgery - Course "Statistical Methods for Epidemiology", University of Pavia

2001 – 2009 Post-degree in Dermatology, Faculty of Medicine and Surgery - Course "Statistical Methods for Epidemiology", University of Pavia

2001 – 2009 Post-degree in Nephrology, Faculty of Medicine and Surgery - Course "Statistical Methods for Epidemiology", University of Pavia

2001 – 2008 Post-degree in Neurology, Faculty of Medicine and Surgery - Course "Statistical Methods for Epidemiology", University of Pavia

2000 – 2008 Post-degree in Child Neuropsychiatry, Faculty of Medicine and Surgery - Course "Statistical Methods for Epidemiology", University of Pavia

2001 – 2008 Post-degree in Psychiatry, Faculty of Medicine and Surgery - Course "Statistical Methods for Epidemiology", University of Pavia

2008-2009 Post-degree in Paediatrics, Allergology, Endocrinology, Gastroenterology, Tropical Medicine, Faculty of Medicine and Surgery, University of Pavia

1989-2000 MA - Medicine. Tutorial activities in Medical Statistics, University of Pavia

2008-present courses of Epidemiology and Statistics in several Master programmes