

# EUROPEAN CURRICULUM VITAE FORMAT



## PERSONAL INFORMATION

Name **MONTI MARIA CRISTINA**  
Address **UNIVERSITA' DEGLI STUDI DI PAVIA**

## WORK EXPERIENCE

- Dates (from - to) November 2019 - today
- Name and address of the employer Università degli Studi di Pavia – Department of Public Health, unit of Biostatistics and Clinical Epidemiology
- Type of business or sector
- Occupation or position held **Associate professor – Medical statistics (MED/01)**
- Main activities and responsibilities Design and statistical analyses in a multidisciplinary teamwork; teaching activities and coordination of the research team.
  
- Dates (from - to) December 2010 – October 2019
- Name and address of the employer Università degli Studi di Pavia – Department of Public Health, unit of Biostatistics and Clinical Epidemiology
- Type of business or sector
- Occupation or position held **Assistant professor – Medical statistics (MED/01)**
- Main activities and responsibilities Design and statistical analyses in a multidisciplinary teamwork; teaching activities.
  
- Dates (from - to) January 2008 – July 2012
- Name and address of the employer Columbia University - Mailman School of Public Health and Department of Biostatistics, New York, NY (USA)
- Type of business or sector
- Occupation or position held **Associate Research Scientist and Lecturer – Biostatistics and Genetic Epidemiology**
- Main activities and responsibilities Statistical analyses in the environmental and genetics fields, teaching activities in the genetic epidemiology field.

## EDUCATION AND TRAINING

- Dates (from - to) 2008 - 2010
- Name and type of organisation providing education and training Università degli Studi di Pavia
- Principal subjects/occupational skills covered
- Title of qualification awarded **Post Doc – Assegno di Ricerca**
  
- Dates (from - to) 2004 – 2008
- Name and type of organisation providing education and training Università degli Studi di Pavia
- Principal subjects/occupational skills covered
- Title of qualification awarded **Doctorate in Public Health**
  
- Dates (from - to) 2000 – 2003
- Name and type of organisation providing education and training Università degli Studi di Pavia

- Principal subjects/occupational skills covered
- Title of qualification awarded
- Dates (from - to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

**Doctorate-equivalent degree in Medical Statistics (Specializzazione per medici e biologi)**

1994 - 2000

Università degli Studi di Pavia

Marine ecology. Experimental degree thesis aimed at studying Sperm Whale bioacoustics.

**Graduate in Biological Sciences, major in ecology**

**PERSONAL SKILLS AND COMPETENCES**

MOTHER TONGUE  
OTHER LANGUAGES

ITALIAN  
ENGLISH

SCIENTIFIC SKILLS AND COMPETENCES

*Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.*

- **Research interests** (5 Key words): biostatistics methods, environmental and genetic epidemiology, health risk assessment, spatial distribution and clustering.
- **Main research fields:** design, analysis and spatial distribution of epidemiological, genetic and environmental studies for complex and multifactorial diseases; dietary diversity and malnutrition; interaction between perinatal and neonatal factors, childhood obesity and gut microbiome; statistical models in the fields of forensic toxicology; pharmacoepidemiology; morbidity and mortality risk factors in adulthood and infancy.
- **Teaching activities:** undergraduate and graduate teaching in biostatistics disciplines at the Faculty of Medicine, University of Pavia (2001-present), in the Faculty of Statistics/ School of Economics and Statistics, University of Milano-Bicocca (2007-present), in the School of Public Health, Columbia University, New York (2008).
- **Instructor and member of the Scientific Committees of post-graduate training courses:** specialty degree "Healthcare Statistics and Biometrics" and master in Biostatistics and Epidemiological methods, University of Pavia; master in qOmics: quantitative methods for Omics Data", University of Milano Bicocca; master in Global Health, University of Milano-Statale.
- **Fellow** of the Italian Society for Medical Statistics and Clinical Epidemiology (SISMEC).
- **Scientific reviewer** for several journals in the field of public health, medical statistics and epidemiology.

RELEVANT ROLES AND COMPETENCES

*Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.*

- Member of the Scientific Committee, National Center for Healthcare Research & Pharmacoepidemiology (CHRP) and Supervisor of the CHRP-Pavia-Lab. Ongoing research collaborations (taking advantage of the biostatistics and epidemiology expertise):
- 2015-present. Eni. "Environmental Exposures and Public Health" projects, co-investigator. Partners: ATS Pavia, ARPA Lombardia, Comuni di Sannazzaro de' Burgondi e Ferrera Erbognone (PV).
- 2021-present. Central European Initiative (CEI) Know-how Exchange Program "Improving Occupational Health and Safety System in Republic of Moldova", instructor.
- 2010-present. FISM grants. Topic "Modelling the association of environmental and genetic factors with multiple sclerosis". Partners: Neurological Institute "C. Mondino", University of Cagliari, Joint Research Centre of the European Commission (Ispra, Italy).

PUBLICATION INDEXES (SCOPUS)

- NUMBER OF PUBLICATIONS: 48
- TOTAL NUMBER OF CITATIONS: 1194
- H-INDEX: 14

PUBLICATION INDEXES (GOOGLE SCHOLAR)

- NUMBER OF PUBLICATIONS: 66
- TOTAL NUMBER OF CITATIONS: 1675
- H-INDEX: 18