

First name / Surname Giorgio Vittadini

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Nationality Italian

Date of birth February 20th, 1956

Gender Male

#### EDUCTAION AND TRAINING

1979 Bachelors in Economy and Commerce Catholic Unviersity of the  
Sacred Heart of Milan, 110/110 cum laude

1987 Phd Methodological Statistics, University of Trento

#### WORK EXPERIENCE

Academic activity – Teaching

2000 - Today Full Professor of Statistics

University of Milan Bicocca – Department of statistics and quantitative  
methods.

1999 - 2000 Associate Professor of Statistics

Faculty of Political Sciences, University of Milan

1997-1998 Associate Professor of Statistics

Faculty of Sciences Statistics, University of Milan Bicocca

1993-1997 Associate Professor of Statistics

Faculty of Political Sciences, University of Milan

1986-1992 Researcher of Statistics

Employer Faculty of Economy and Commerce, University of Brescia

#### AWARDS

1979 Winner of "X better graduated Gemelli's Prize" of the year, Faculty  
of Economy and Commerce, Catholic University.

#### SCIENTIFC QUALIFICATION

2014 – today Coordinator of Phd in Statistics and Mathematical Finance  
University of Milan-Bicocca

2013 - today Visiting Researcher Brunel (prof. Francesco Moscone, one months three times)  
2014 Visiting Researcher Harvard School of Public Health (prof. Andrea Baccarelli, one months one time)  
2012 – 2015 Scientific director of Statistica & Società, SIS (Società Italiana di Statistica), magazine  
2009-2012 Coordinator of degree course in Biostatistics, University of Milan-Bicocca  
2005-2010 Coordinator of Phd In Statistics, University of Milan-Bicocca  
1997-2007 Scientific director of “Non profit” magazine  
1997-2004 Research Director of Crisp (International Interuniversity Centre of Research for Public Utility Services ([www.crisp-org.it](http://www.crisp-org.it)))  
Associated member of the Italian Society of Statistics, International Federation of Classification Society, American Statistical Association.  
International Statistical Institute

## PUBLICATIONS

He is author of 93 publications; of these, 38 have a high impact.

He has gained a significant international reputation, particularly in the fields of Latent Variables models, Mixture Models, Stochastic Frontiers, Health econometrics, Human Capital studies.

He published in several Journal with impact factor: CSDA, Econometric Reviews, Economic Modelling, Empirical Economics, Health Care Management Science, IMA Journal of Management Mathematics, Journal of Educational and Behavioral Statistics, Journal of Classification, Journal of Economics Surveys, Journal of Productivity Analysis, International Journal of Mental Health Systems, Journal of Royal Statistical Society B, Metron.

This is confirmed also by the scores of 24.94 Research GATE (with 31.84 impact points) which is higher than 75% of researchers around the world, 20 h-index google scholar with 35 i10-index e 303 citations ; 8 Scopus hindex with 156 citations. REFEREE

Referee of Biometrical Journal, British Journal of Mathematical and Statistical Psychology, CSDA; Economic Modelling, Empirical Economics, Communication in Statistics, Income and Wealth, Journal of applied statistics, Journal of socio-economic, Quality and Quantity,

Regional studies and urban economics, Statistica, Statistica e applicazioni, Statistical Methods and Application, Studies in Theoretical and Applied Statistics, Structural Change Economic Dynamics, Health Economics. Associate editor of Health Economics for the special issue on Health Econometrics 2016

#### FINANCED NATIONAL AND INTERNATIONAL PROJECTS

2014 – today Network of regions: System of evaluation of health systems” in collaboration with Saint Annie Superior School Pisa

2012 – 2016 FIRB “Multilevel and Longitudinal Mixture and Latent variables Models. Economic and Social Application” University of Milan Bicocca Unit

2000 – 2016 Scientific Coordinator “Evaluation of Lombardy Hospitals ”. Crisp

2010 – 2013 Sviluppo del Capitale Umano in ambito lombardo" Cariplo Foundation-CEUR, Scientific Coordinator

2009 CNVSU research group “Higher Education Effectiveness indicators

2008 Miur “ Feasibility study for the evaluation of students learning“

2006-2007 Prin "Impact effectiveness. Multilevel and Longitudinal Latent variables Models ". University of Milan Bicocca Unit. Local coordinator

2005 CNVSU research group “Models for the accreditation of Degree Courses ”

2004-2005 Prin "Financing, evaluation and benchmarking methods for health systems". National coordinator

#### ORGANIZED CONFERENCES

2008 1thd HEALTH ECONOMETRICS Workshop, Milan

University of Milan Bicocca, special issue of Economic Modelling

2010 2thd HEALTH ECONOMETRICS Workshop, Rome

University of Milan Bicocca, Regional Studies and Urban Economics“ Advances in the methods of health econometrics.”

2012 3 thd HEALTH ECONOMETRICS Workshop, Siena

University of Milan Bicocca, Empirical Economics “Econometric tools and their application for explaining spatia variations in health economics.”

2014 4 thd HEALTH ECONOMETRICS Workshop, Siena  
University of Milan Bicocca, University of Brunel, London, University of Bergamo, University of Padua, special issue of Journal of the Royal Statistical Society Series A, “Disseminations of developments and applications in health economics.”

2016 5thd HEALTH ECONOMETRICS Workshop, Bari  
University of Milan Bicocca, University of Brunel, London, University of Bergamo, University of Bari.

A selection of the papers presented at the Workshop will be published in a special issue of Health Economics.

Sis meetings: different editions

Cladag Meetings : different editions

His Master Graduates and phd graduates work at:

Harvard Medical School ( Letizia Trevisi,Elisa Colicino)

Karolinska Institutet; Stokholm (Andrea Bellavia);

Imperial College, London (Silvia Colicino);

Brunel University, London (Alina Peluso,Paolo Berta);

Durham University (Michele Castelli);

Helmholtz Zentrum München (Tommaso Panni),

Kyung-Hee University, Seoul (Morena Ustulin),

Brigham and Women's Hospital, Boston (Francesco Nordio);

Mountain Sinai Hospital, Manhattan ( Margherita De Carli, Stefano Renzetti

INVITED SPEAKER AND KEYNOTE SPEAKER

2015 Scientific Conference: 'Statistics for juridical, forensic and educational studies, University of Padua, “Human capital of migrants out of Italy

2015 University of Rome La Sapienza FIRB, Mixture and latent variable models for causal-inference and analysis of socio-economic data, “ A latent Markov model from a new perspective with an application.”

2015 University of Rome La Sapienza, FIRB Mixture and latent variable models for causal-inference and analysis of socio-economic data”, “Structural Equation Models in a Redundancy Analysis Framework with Covariates”.

2014 MBC2 Model based clustering and classification, SIS-CLADAG, University of Catania “The Generalized Linear Mixed Cluster-Weighted Model

2014 HEALTH ECONOMETRICS Workshop, University of Padova , Asymmetric Information and the Impact of Competition on the Quality of Health Care

2013 ERCIM, University of London “Cluster-Weighted Multilevel Models for the evaluation of healthcare structures”

2013 CLADAG, University of Modena “Hospital efficiency under two competing panel data models”

2012 HEALTH ECONOMETRICS Workshop, University of Siena, The Effectiveness-Efficiency Trade-Off in Health Care.

2011 IES 2011, University of Florence, “Latent Markov models from a potential outcome prospective for causal inference in dynamic settings”

2010 HEALTH ECONOMETRICS Workshop, Catholic University, Rome, The effect of a law limiting upcoding on hospital admissions

2009 Cladag, University of Catania, “Cluster-Weighted Modeling for Evaluating the Relative Effectiveness of Healthcare Institutions”

2009 NTTS (New Techniques and Technologies for Statistics) Bruxelles, Eurostat, Local Multilevel Modeling for Comparisons of Institutional Performance.

2008 HEALTH ECONOMETRICS Workshop, University of Milan Bicocca, The Effects of Upcoding, Cream Skimming and Readmissions: a Population-based Investigation

2007 Selected Essays of Camilo Dagum, University of Naples, Parthenope, Human Capital and the Evaluation of University Efficiency.

2006 International Workshop on Knowledge Extraction and Modeling (KNEMO'06)“ Capri,” The Cluster-Weighted Framework and the Multilevel Models”

2006 Ispra (VA), Methodological Tools for Accountability Systems in Education , “Human capital efficiency in higher education”

2005 Computational Statistics & Data Analysis, Limassol, Cyprus, , On the relationships among latent variables and residuals in PLS path modeling: The formative-reflective scheme

2005 Towards Quality of Life Improvement, International Conference, Ex-post Evaluation and Relative Effectiveness of Health Structures: an Overview, University of Wroclaw,  
2005 Gini – Lorenz International Conference, Certosa di Pontignano, University of Siena, Evaluation of the Dagum–Slotkje method to estimate household human capital.  
2004 Joint Statistical Meetings, American Statistical Association, Toronto, The Estimate of Human Capital from two Sets of Observed Indicators: Formative and Reflective,  
2003 Meeting of the American Statistical Association , S. Francisco, A Microeconomic Recursive Model of Human Capital, Income and Wealth Determination: Specification and Estimation  
2003 Joint Statistical Meetings, American Statistical Association, S. Francisco, A Method for the Estimation of the Distribution of Human Capital from Sample Surveys on Income and Wealth  
2003 International Meeting of Psychometric Society, University of Cagliari , “ Component Analysis for structural equation models”  
2001 Capri, PLS International Symposium, “The Estimation of Latent Variables in a Structural Model: an Alternative Approach to PLS.”  
1996 Joint Statistical Meetings, American Statistical Association , Chicago Human Capital Measurement and Distribution

#### OTHER PERSONAL SKILLS

Mother tongue(s) Italian

Other language English

Social skills and competences Excellent interpersonal skills both to colleagues and stakeholders

Computer skills and competences Excellent computer skills

Organisational skills and competences High organizational and management skills also in reference to leadership of cultural institutions.

1990 -1993 president of Foundation Ceur recognized by the Ministry of Education, with the purpose of the cultural education of university students

2002 - today president of Foundation for Subsidiarity

1986 - 2003 president Compagnia delle Opere with the purpose of supporting non-profit organizations and entrepreneurs, professionals in

the development of their activities in an orientation for the common good.

2008-2016 member of the Board of Director of Meeting for Friendship among Peoples.

He is author of numerous articles and essays on socio-economic issues, in particular as regards subsidiarity, welfare, social enterprise, human capital.