

Post-Doctoral Researcher and Assistant Professor in Economics
International Business Analyst and Consultant

Analytical, results-driven and strategic thinker with extensive experience in combining research and applied work. Senior academic researcher in economics, informed policy analyst, experienced and dedicated assistant professor in micro- and macro-economics. International business analyst and consultant, with over 5 years of experience in the healthcare field and R&D of medical services and devices, with ability to analyze trends and forecast needs and with extensive know-how of emerging economies. Effective leader and committed team player.

Academic Work Experiences

Senior Economics Researcher and Teaching Fellow, University of Pavia (Pavia, Italy)

2012 – Current

- **Assistant Professor in Microeconomics (a.a. 2013-2014, a.a. 2015-2016, a.a. 2016-2017, a.a. 2018-current)**
 - Taught microeconomics to undergraduate and working college students
 - Developed and delivered engaging lectures and practical exercises
 - Elaborated and graded written and oral examinations
- **Senior Economics Researcher, Research Program Sustainable Food Systems - Sistemi Alimentari e Sviluppo Sostenibile (SASS) funded by the Italian Ministry of Education, Universities and Research (<https://bit.ly/2terwyx>) (2018 – Current)**
 - Designed a quantitative questionnaire and coordinated primary data collection processes in Kenya.
 - Designed budget allocation techniques to overcome low education barriers and assess women empowerment and gender differences across rural households in Kenya.
 - Carried out statistical analyses assessing gender inequalities in Kenya.
 - Elaborated scientific publications, policy recommendations and carried out dissemination and consulting activities to local and international policy makers and representatives.
- **Economics Researcher and Consultant, European Research Seventh Framework Programs (2012 – 2017)**
 - Carried out quantitative research and provided economic recommendations to the European Commission within three European Research 7th Framework Programs: Senior Research Consultant in “CrESSI: Creating Economic Space for Social Innovation” (<https://bit.ly/2JWP4Cc>), Senior researcher in “SociEtY: Social Innovation - Empowering the Young for the Common Good” (www.society-youth.eu), Early Stage Researcher in “EduWel: Education as Welfare” (www.eduwel-eu.org).
 - Utilized advanced statistical data analysis techniques (i.e. multi-level models, structural equation models, logistics regressions and cluster analysis, amongst others) and primary and secondary data (designed primary data collection or drew data from The European Union Statistics on Income and Living Conditions, the European Union Labour Force Survey, the European Social Survey, the Eurobarometer, the 1970 UK British Cohort Study and Brazilian and South African National Household Surveys, as well as OECD and World Bank datasets) to assess and consult on current pressing socio-economic matters, such as: multidimensional poverty and inequality, human development, youth unemployment and school-to-work transition processes, high-school education quality, labor market policies, forms of social innovation and sustainable development and the United Nations’ Sustainable Development Goals.
 - Elaborated and published scientific papers, policy briefs and reports for the European Commission.
 - Collaborated with international research teams.
- **Economics Research Consultant, EUPOLIS Lombardia (2017)**
 - Carried out research on poverty, vulnerability and multidimensional inequality; adapted and applied the United Nations’ Sustainable Development Goals indicators to the context of Lombardia (Italy).
 - Consulted for EUPOLIS on the development of the 2017 EUPOLIS Rapporto Lombardia on Sustainable Development. Co-authored the chapter on “Reducing Inequalities” and oversaw the elaboration of the chapter on “Reducing Poverty and Vulnerability” of the 2017 EUPOLIS Rapporto Lombardia on Sustainable Development (<https://bit.ly/2MFJnr5>)

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Macroeconomics and Microeconomics Teaching Fellow, Bocconi University (Milan, Italy)

2017 – Current

- Developed and delivered engaging university lectures with a focus on applied case studies, exercises and problem sets
- Fostered students' academic progress and interest by connecting course materials to broader themes and international current events
- Carried out supervision of and graded written exams.

Economics Research Consultant, University of the Free State (South Africa, Africa)

2016 – Current

- Provided research and consulting services to a multidisciplinary team on the development of a composite index and a dashboard of indicators rooted in the human development approach for assessing higher education quality and outcomes in South Africa.
- Designed a quantitative questionnaire to collect data on higher education outcomes and on the inclusiveness of higher education institutions in South Africa.

Industry Work Experiences

Director of an Agricultural Holding and Farmhouse Restaurant (Cascina Regina, Magenta, Italy)

2015 – Current

○ CEO and business strategist

- Management of crop farming (rice, maize and organic fruits, vegetables and herbs) and distribution; management and business development of associated services: a farmhouse restaurant, high-end event venue and didactic activities for children in Italian and English following the Montessori, Reggio and “L’Asilo nel Bosco” approaches.

○ Elected Regional Board Member of Coldiretti Donne Impresa

- Elected regional representative of the Female-Run Agricultural Holdings branch of the European leading organization representing agricultural entrepreneurs. Active in extensive interdisciplinary research, political lobbying activities and on-field didactic and public dissemination activities related to sustainable food systems, local food production chains, healthy eating and wellness, innovative agriculture and product labelling.

Global Health and e-Health Innovations Manager, Henry Ford Health Systems (Detroit, USA)

2010 – 2015

○ International business development consultant

- Provided business development and consulting services to companies in the healthcare industry looking to innovate their products and services and expand into emerging markets.
- Oversaw the development of innovative strategies to target mass-markets in emerging economies through social business models. Client companies included: KARL STORZ GmbH & Co. KG., FUJIFILM SonoSite Inc., Terason Inc., Epiphan Systems Inc.
- Carried out market research, analyses and built an international network of relations for Henry Ford Health Systems to provide innovative healthcare consulting services through an Intellectual Property business model.
- Developed strong and fruitful relations with international policy makers, CEOs of manufacturing companies, policy-makers and healthcare managers, academics and United Nations representatives.
- Traveled across all continents. Worked both in highly developed and extremely underserved areas. Met and collaborated with policy makers, as well as the most vulnerable communities.

○ Product development and R&D consultant

- Oversaw the strategy and R&D development of e-health and tele-medicine product innovations and services within Henry Ford Health Systems and for international partner companies (consulted on the development of the Terason t3200 and the Terason Usmart 3200T portable ultrasound machines, Sonosite IVIZ portable

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ultrasound machine and just-in-time 3D education software, Karl Storz's lower-end and e-health integrated solutions).

- Managed and collaborated with international teams of doctors and product designers. Directly reported to the chairman of the Henry Ford Innovation Institute and to clients' Managing Directors and Global Presidents for Product Development and Innovation.
- **Healthcare Strategy Consultant:** provided specialized consulting services to partner healthcare policy makers and managers on increasing healthcare system efficiency, access and quality of services and introduce lean management organization models. Obtained and headed a multimillion dollar partnership with the Ministry of Health of the State of Minas Gerais (Brazil).
- **Non-Profit International Cooperation Projects Chair:** headed and designed healthcare development projects in Nicaragua, Brazil, Peru, Mozambique, Lesotho, India, China and Italy. Effectively collaborated with local non-profits and policy makers and managed international teams of Medical Doctors to implement projects on-site, train local personnel and provide long-term tele-medicine consultations. Successfully negotiated with companies to fund projects and donate medical devices.
- **TedX Speaker:** Speaker at TedX-Ideas Worth Spreading on increasing access to healthcare through innovative e-health solutions and services (<https://youtu.be/xWLwnjzF82w>)

Education

2014. Ph.D. and European Doctorate in Economics Law and Institutions and Marie Curie Researcher

The Institute for Advanced Study of Pavia (Italy) within the framework of the Marie Curie International Training Network and European Union's Seventh Framework Project "EduWel: Education as Welfare" (www.eduwel-eu.org)

2010. Master of Social Science in Economics, Politics and International Institutions – 110/110 cum laude

University of Pavia (Italy) and Columbia University (USA), awarded two merit-based scholarships

2008. Bachelor's in international Relations and Political Science – 110/110 cum laude

University of Pavia (Italy)

2004. International Baccalaureate – 42/45

International School of Milan (Italy)

International Non-Profit and Extra-Curricular Experiences

2010 – Current. Global Ultrasound for Human Development Programs Co-Director, World Interactive Network Focused On Critical UltraSound (Italy)

- **International Healthcare Development Programs Director**
 - Designed and directed international healthcare development projects centered on the integration of point of care ultrasound and e-health services to increase healthcare access, efficiency and quality. Implemented project in Nicaragua, Brazil, Peru, Mozambique, Lesotho, India, China and Italy.
 - Established international partnerships with local Non-Profits, policy makers and PPPs.
 - Obtained funding for and co-directed the "Ecos dos Gerais" (<https://bit.ly/2HRV6yV>) healthcare development program commissioned by the Ministry of Health of the State of Minas Gerais (Brazil): managed a budget of over \$1 million, led an international team of over 50 doctors to execute project plans successfully, directed the training of over 400 Brazilian doctors and nurses, consulted for policy makers, led the monitoring of the program and reported directly to the Ministry of Health.
- **Elected Treasurer (2017 – current) and Board Member (2012 – current)**
 - Guided the organization out of a financial crisis into prospering international growth. Oversaw all financial transactions and provided regular financial reports to the Board of Directors. Contributed to the development of the Organization's global growth, forged strategic relations, elaborated innovative social business models.
- **International Lecturer:** held lectures on global health, e-health innovations, strategic healthcare development and quantitative analyses for health-care to healthcare policy makers, providers and managers in over 30

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countries. Presented at multiple international congresses, venues and courses in the medical, educational and international development field. Conducted yearly presentations at the United Nations InfoPoverty World Conference (<https://bit.ly/2JQTCqs>)

2007 – Current. Volunteer, SOS Bambini Non-Profit Organization (Milan, Italy and Sighet, Romania)

2007 – Current. Participant and Current Alumni, Youth International Leadership Conference, Civic Concepts International (Prague, Czech Republic)

2013. Policy Analyst Intern, Organisation for Economic Cooperation and Development (Paris, France)

Contributed to the background research, quantitative data analysis, policy analysis, elaboration and writing of the OECD Report “Investing in Youth: Brazil.” (2014, OECD Publishing, Paris. DOI: <http://dx.doi.org/10.1787/9789264208988-en>)

2010. Development Economics intern, United Nations Information and Communication Technologies Task Force and InfoPoverty Program (New York, USA)

2008 – 2010. The KinsGroup Publishing (New York, USA)

2008 – 2010. Member and Speaker, Women’s Education Worldwide

2008. Volunteer, Centre Jeunes Kamenge (Burundi) in partnership with IBO Italia ONG/Onlus (Italy)

2006. Participant, “Insight Dubai - Women’s Leadership Conference”, Civic Concepts International (Dubai, UAE)

Language and Computer Skills

- Italian: mother tongue
- English: mother tongue
- French: Intermediate (speaking, reading); basic (writing)
- Spanish: Intermediate (speaking, reading); basic (writing)
- Portuguese: Basic (speaking, reading, writing)
- Microsoft Office: Advanced
- STATA Data Analysis and Statistical Software: Advanced

Publications

- Chiappero-Martinetti, E., Spreafico, A., 2017. Reducing Inequalities. Rapporto Lombardia. EUPOLIS. (Available online <https://bit.ly/2MFJnr5>)
- Chiappero-Martinetti, E., Spreafico, A., Peruzzi, A., 2017. Corrosive Disadvantages and Intersectionality: empirical evidence on multidimensional inequality amongst young people in Europe. Human Development in Times of Crisis: renegotiating social justice. Palgrave MacMillan, U.K., ISBN 978-1-137-57212-7.
- Kolbe, N., Killu, K., Coba, V., Neri, L., Garcia, K.M., McCulloch, M., Spreafico, A. and Dulchavsky, S., 2015. Point of care ultrasound (POCUS) telemedicine project in rural Nicaragua and its impact on patient management. Journal of ultrasound, 18(2), pp.179-185.
- Spreafico, A.M.C., Peruzzi, A.D. and Chiappero, E., 2014. Youth unemployment in the EU15: regional and national inequalities throughout the 2008 economic crisis. Economics and Business Letters, 3(3), pp.177-190.
- Chiappero-Martinetti, E., Spreafico, A., Peruzzi, A., 2014. Multidimensional Youth Inequality across European Regional Clusters. Report to the European Commission within the Social Innovation – Empowering the Young for the Common Good FP7 Research Project.
- Chiappero-Martinetti, E., Spreafico, A., Peruzzi, A., 2014. Youth Unemployment Within and Across the Countries of the EU15 throughout the Economic Crisis. Report to the European Commission within the Social Innovation – Empowering the Young for the Common Good FP7 Research Project.

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- Acconcia, G., Spreafico, A., Chiappero-Martinetti, E., Graziano, P., 2014. Local Social Support Networks Analysis: the case studies of Milan (Lombardy) and Naples (Campania). Report to the European Commission within the Social Innovation – Empowering the Young for the Common Good FP7 Research Project.
- Acconcia, G., Spreafico, A., Chiappero-Martinetti, E., Graziano, P., 2014. Youth Unemployment and Public Policies in Italy. Report to the European Commission within the Social Innovation – Empowering the Young for the Common Good FP7 Research Project.
- Spreafico, A., 2013. Liberal arts education and the formation of valuable capabilities. Human development and capabilities, Re-imagining the university of the twenty-first century. Routledge, London, pp.129-144.
- Chiappero-Martinetti, E., Spreafico, A., 2013. Measuring and tackling inequalities and disadvantages in economics: conceptual issues and methodological challenges. Report to the European Commission within the Social Innovation – Empowering the Young for the Common Good FP7 Research Project.
- Via, G., Storti, E., Spreafico, A., Melniker, L. and Neri, L., 2012. Point of care ultrasound for sepsis management in resource-limited settings: time for a new paradigm for global health care. Intensive care medicine, 38(8), pp.1405-1407.

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