

Emanuele Millemaci

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Position

Current

- Associate professor in Economics, Department of Economics, University of Messina (since year 2019)
- Italian National Scientific Qualification (Abilitazione Scientifica Nazionale) as Full Professor in the field of Economic Policy (Politica Economica) since July 2025

Past position

- Assistant professor in Economics, Department of Economics, University of Messina (years 2009-2018)

Education:

- Ph.D. in Economics, Università di Roma “Tor Vergata”, 2008
- Visiting Student, Faculty of Economics, Cambridge University, UK, 2004
- MSc in Economics and Quantitative Methods, Università di Roma “Tor Vergata”, 2003
- Bachelor (4 years) in Political Science, Università di Messina, 2002

Teaching (University of Messina)

Courses in Bachelor and Master degree programs at the University of Messina (taught in Italian)

- Economic and Monetary Policy, Bachelor degree program in “Economics, Banking and Finance”: AY 2020/21-2021/22-2022/23-2023/24-2024/25-2025/26
- Economics of Digital Innovation (module 2), Master’s degree in “Digital Transformation and Innovation Management”: 2025-26
- Finance and Markets, Bachelor degree program in “Economics, Banking and Finance”: AY 2016/17, 2017/18, 2018/19, 2019/20, 2020/21
- Finance and Economic Development, Bachelor degree in “Economics, Banking and Finance”: AY 2016/17 (a module)
- Economic Policy, Bachelor degree in “Scienze Politiche, Amministrazione e Servizi”: AY 2015/16, 2016/17
- Economic and Financial Policy, Bachelor degree in “Economia Aziendale”: AY 2015/16
- Political Economy, Bachelor degree in “Scienze dell’Amministrazione e dell’Organizzazione”: AY 2014/15
- Macroeconomics and Economic Policy, Bachelor degree in “Scienze dell’Amministrazione e dello sviluppo Economico”: AY 2010/11, 2011/12, 2012/13, 2013/14
- Economics of Development and International Relations, Master degree in “Relazioni Internazionali e Cooperazione allo Sviluppo”: AY 2012/13
- Growth theory and economic development, Master degree in Statistica e Tecniche Decisionali: AY 2009/10
- Applied Economics, Bachelor degree in Scienze Statistiche: AY 2009/10, 2010/11
- Political Economics, Bachelor degree in Scienze dell’Amministrazione e dello Sviluppo Economico: AY 2008/09

Courses in Bachelor and Master degree programs at the University of Messina (taught in English)

International Economics, Bachelor degree in International Relations: AY 2021/22 -2022/23 -2023/24 - 2024/25-2025-26

Courses in post-graduate programs (taught in Italian)

- “La politica monetaria dell’UE”, Master in Studi Europei ed europrogettazione, Università degli studi di Messina, AY, 2024/25
- Percorsi abilitanti 30 CFU ai sensi dell’art.13 del D.P.C.M. 4 agosto 2023, classe A046 SCIENZE GIURIDICO-ECONOMICHE, Università degli studi di Messina, AY 2024/25
- “Infiltrazione mafiosa e condizionamento delle politiche di sviluppo economico. Studi di caso”, Master di II livello in “Amministrazione e Gestione dei patrimoni confiscati alla mafia”, Università di Messina, AY 2014/15
- “Economia Applicata”, Master di I livello in “Management turistico-culturale”, AY 2012/13
- “Economia Politica”, TFA-Tirocinio Formativo Attivo (A19), Università di Messina, AY 2014/15

Courses in post-graduate programs (taught in English)

- “Introductory Econometrics – Working with Stata”, Ph.D. in Economics, Management and Statistics, Università di Messina e Catania, AY 2017/18, 2018/19, 2019/20, 2020/21, 2021/22 – 2022/23 - 2023/24 – 2024/25
- “Economics of Crime and Corruption”, Ph.D. in Economics, Management and Statistics, Università di Messina e Catania. AY 2015-16, 2016-17, 2020/21, 2021/22 – 2022/23 -2024/25

Research Interests

Economics of Crime and Corruption, Behavioral and Experimental economics, Regional Economics

Editorial activity

Componente del comitato editoriale e editor della Messina University Press, Casa editrice scientifica dell’Università degli studi di Messina. Dal 01-09-2021 a oggi

Componente del comitato esecutivo della sede dell’Università di Messina per la rivista scientifica *Giurimetrica*. Rivista di diritto, banca e finanza. Dal 01-06-2021 a oggi

Peer Review activity

Review of Economics of the Household, Structural Change and Economic Dynamics, Plos One, Eurasian Business Review, Applied Economics, *Metroeconomica*, European Journal of Law and Economics, Journal of Economic Studies, Asian Development Review, Post-Communist Economies, African Journal of Business and Management, European Journal of Comparative Economics, International Trade and Economic Development, AIEL Series in Labour Economics (Verlag-Springer), ASERS publishing, International Journal of Biodiversity and Conservation. Reviewer for the Italian Evaluation of Research Quality (VQR) 2011-2014. REPRISE- Register of Expert Peer Reviewers for Italian Scientific Evaluation, 2015-16 and 2016-17

Research Projects, Honors and Awards

- FFABR UNIME 2022. Il programma FFABR Unime disciplina le procedure per il finanziamento da parte dell’Università degli Studi di Messina, delle attività per la ricerca dei professori e ricercatori. Dal 2023 (in corso).
- MIRC0, 2021/23. Macchina Intelligente Recupero Crediti ver. 0, Years 2021/22. Descrizione del progetto: sviluppo di un’intelligenza artificiale per favorire la sostenibilità della spesa corrente delle famiglie e l’affidabilità dei crediti. Dal 2021 (in corso).
- Responsabile scientifico di un *assegno di ricerca* della durata di 2 anni rinnovabili dal titolo "Tratti di personalità, interazione tra pari e decisioni economico-finanziarie" (SECS-P/02), assegnato alla dr Silvia D’Arrigo, dal 10-02-2021 (in corso).

- GOFORIT, L'esperienza prima della partenza, Years 2019/20
- FFABR. Funding of Basic Research Activities (Researchers), Miur, Year 2017.
- FAMI. Fondo Asilo, Migrazione e Integrazione 2014-2020. "Promoting access to services for the immigrant integration. Monitoring and analysis." Years 2017-18.
- "Sistema Transazionale Intercanale Gestione Avanzata Flussi Finanziari: S.T.I.G.A.F.F.", Years 2014/15
- Sistema Esperto di Supporto alle Decisioni della Giustizia, SESPIUS, Years 2013/14
- Convenzione tra Dipartimento di Economia, Università degli Studi di Messina, e la Società Stretto di Messina S.p.A. "Forecasts of GDP growth on a national and regional scale". Anni 2010/2011
- PRIN: Program of national relevance co-financed by MIUR, "Economic and statistical methods for environmental epidemiology research", partecipante. Anni 2008-2010
- PRA 2008/2009 - Responsabile Scientifico di Programma di Ricerca di Ateneo con finanziamento, Università degli studi di Messina. Titolo della ricerca: "Il movente precauzionale nelle decisioni di risparmio delle famiglie", dal 10-02-2010 al 10-02-2012
- Borsa di dottorato, Università degli studi di Roma Tor Vergata, years 2004-2006
- Borsa di studio per il perfezionamento all'estero, Università degli studi di Messina, year 2003

Positive evaluation (without financial support)

-FIRB Futuro in Ricerca, 2008, 2010; SIR -Scientific Independence of young Researchers, 2014; Horizon 2020 - Research and Innovation Framework Programme, "Migration Governance for Partnership and Development", 2017; PRIN – "The effectiveness of behavioral economic interventions in promoting STEM education within the Italian context", participant, 2015; PRIN – "Organized crime and corruption in the Italian society. Transformations, representations, economic impact, public policies", participant, 2015

Publications

Articles in refereed Journals

2025 - "[Do green policies enhance short-term economic growth? Assessing EU Recovery and Resilience Plans through the lens of Sustainable Development Goals](#)" (with M. Limosani and P. Mustica).

ECONOMIC MODELLING, 107044. doi: 10.1016/j.econmod.2025.107044

2025 - "[Does corruption influence university students' mobility? Evidence from Italy](#)" (with A. Patti).

ECONOMIA POLITICA, pp. 1-42. doi: 10.1007/s40888-025-00360-7

2025 - "[Electing for stability: Democracy and output volatility, 1960-2019](#)" (with F. Monteforte and J. Temple)

ECONOMICS LETTERS, pp. 1-4. doi: 10.1016/j.econlet.2024.112136

2024 - "[Have Autocrats Governed for the Long Term?](#)" (with F. Monteforte and J. Temple) **KYKLOS**, pp.1-26. <https://doi.org/10.1111/kykl.12425>

2024 - "[Do Flexibility Measures Affect the Wage Share? An Empirical Analysis of Selected European Countries.](#)" (with G. Liotti and L. Salvati) **REVIEW OF POLITICAL ECONOMY**, p. 1-24, ISSN: 0953-8259, doi: 10.1080/09538259.2023.2165391

2023 – Andreatta, D, Favarin, S, Lisciandra, M, Millemaci, E (2022). Digging into waste: an analysis of waste crime in the Italian provinces. **REGIONAL STUDIES**, p. 1-13, ISSN: 0034-3404, doi: 10.1080/00343404.2022.2135697

2022 - "A corruption risk indicator for public procurement". **EUROPEAN JOURNAL OF POLITICAL ECONOMY**. doi: 10.1016/j.ejpoleco.2021.102141

2021 - "The influence of personality traits on university performance: Evidence from Italian freshmen students". **PLOS ONE**, 16(11). doi: 10.1371/journal.pone.0258586

2017 - "The Economic Effect of Corruption in Italy: A Regional Panel Analysis" (with M. Lisciandra). **REGIONAL STUDIES**, vol. 51, Issue 9, pp. 1387-1398 (Published online: 12 Jul 2016). Doi: 10.1080/00343404.2016.1184244

2016 - "Supply and demand-side determinants of productivity growth in Italian regions", (with F. Ofria). **STRUCTURAL CHANGE AND ECONOMIC DYNAMICS**, vol. 37, pp. 138–146. Doi: 10.1016/j.strueco.2016.04.001

2016 - "CAP payments and spatial diversity in cereal crops: An analysis of Italian farms" (with F. Capitanio and E. Gatto). **LAND USE POLICY**, Vol. 54, pp. 574–582. Doi: 10.1016/j.landusepol.2016.03.019

2016 - "Present-Biased Preferences and Money Demand" (with R.J. Waldmann). **DE ECONOMIST**, Vol. 164, Issue 2, pp 187-207. Doi:10.1007/s10645-016-9274-3.

2014 - "Precautionary savings of agents with heterogeneous risk aversion" (with M. Limosani). **APPLIED ECONOMICS**, vol. 46, issue 20, pp. 2342-2361. Doi: 10.1080/00036846.2014.896983

2014 - "Kaldor-Verdoorn's law and increasing returns to scale: a comparison across developed countries" (with F. Ofria). **JOURNAL OF ECONOMIC STUDIES**, Vol. 41, No. 1, pp. 140-162, Doi 10.1108/JES-02-2012-0026

2014 - "The long-term impact of family difficulties during childhood on labor market outcomes" (with D. Sciulli). **REVIEW OF ECONOMICS OF THE HOUSEHOLD**, vol. 12, Issue 4. Doi 10.1007/s11150-013-9187-8

2013 - "Evaluating how predictable errors in expected income affect consumption" (with L. Giamboni and R.J. Waldmann). **APPLIED ECONOMICS**, vol. 45, issue 28, pp. 4004-4021. Doi: 10.1080/00036846.2012.745987

2013 - "A panel investigation on corruption and economic growth: the case of the italian regions" (with M. Lisciandra). **RASSEGNA ECONOMICA**, vol. 1, p. 169-185.

2011 - "Evidence on excess sensitivity of consumption to predicted income growth" (with M. Limosani). **RESEARCH IN ECONOMICS**, vol. 65, Issue 2. Doi: 10.1016/S1090-9443(11)00015-9.

Refereed Book Chapters

2024 – “Qualità istituzionale italiana, PNRR e crescita economica: una prima analisi empirica”. (with A. De Paquale). In: Roberto Guarneri (eds) *Economia, territorio e azienda*. p. 191-220, Genzano di Roma: Aracne, ISBN (pdf): 979-12-218-1600-6, ISBN (printed): 979-12-218-1599-3 doi: 10.53136/979122181599311

2022 – “Election and Government Deficit Spending: Evidence from Italian Regions”. In: J. Eatwell, P. Commendatore, N. Salvadori (eds) *Classical Economics, Keynes and Money*. **Routledge - Taylor & Francis group**. ISBN 9780367615703

2022 – “Tourism Flows in Italy: The Role of Local Public Policies Toward Disability.” (with D’Arrigo, Limosani, Monteforte and Sciulli). In: Abbate, T., Cesaroni, F., D’Amico, A. (eds) *Tourism and Disability. Tourism on the Verge*. Springer, Cham. https://doi.org/10.1007/978-3-030-93612-9_4

2022 - A novel approach to assess evidence on air transport: insight from Italy. (with Arbolino, David, Monteforte and Ofria). In: Roberto Guarneri (eds) *Economia, territorio e azienda*. p. 221-247, Genzano di Roma: Aracne, ISBN: 979-12-218-0428-7, doi: 10.53136/979122180427011 2022

Conferences and seminars

National and International Conferences

SIDE – 20th Annual Conference of the Italian Society of Law and Economics, Rome, December 2024

SIE – 65th Annual Scientific Meeting of the Italian Economic Society, Urbino (Italy), October 2024

CIMET – The 21st Workshop of the Centro Universitario Nazionale di Economia Applicata, Enna (Italy), September 2024

IAAE – The 11th Annual Conference of the International Association for Applied Econometrics, Thessaloniki (Greece), June 2024

SIDE – 19th Annual Conference of the Italian Society of Law and Economics, Brescia, anno 2023

WINIR – 8th Institutional Innovation and Evolution Challenges to the Modern World Order, Catania (Italy), September 2023

ICES - International Conference on European studies (ICES): Europe in unchartered territories, 5th, Zurich, Switzerland, June 2023.

ERSA – European Regional Science Association. “The Determinants of Waste Crime: Empirical Evidence from Italy”. Lyon, August 2019

IAERE – Italian Association of Environmental and Resource Economics. “The Determinants of Waste Crime: Empirical Evidence from Italy”. Udine, February 2019

WIEM – Warsaw International Economic Meeting. “Politics and Budget of the Regional Government”, Warsaw, July 2017.

ICEEE - Italian Congress of Econometrics and Empirical Economics. “Politics and Politics and Budget of the Regional Government”, Messina, January 2017.

CICSE - “The Economic Effect of Corruption in Italy A Regional Panel Analysis”, Napoli, 2015.

SIE – “The Economic Effect of Corruption in Italy A Regional Panel Analysis”, 2014. Poster session (presented by M. Lisciandra)

SIE, Riunione Scientifica Annuale Società Italiana degli Economisti – “Precautionary Savings of Agents with Heterogeneous Risk Aversion”, Università della Basilicata, Matera, 18-20 Ottobre 2012.

SMYE, Spring Meeting of Young Economists. "The causal effect of family difficulties during childhood on adult labour market outcomes," University of Groningen, Groningen (Paesi Bassi), 14-16 Aprile 2011.

AIEL, Associazione Italiana Economisti del Lavoro - "The causal effect of family difficulties during childhood on adult labour market outcomes". Università di Chieti- Pescara, Pescara, Settembre 2010.

Giornata della ricerca - "Dynamically inconsistent preferences and Money Demand". Università degli Studi di Messina, Messina, Luglio 2009.

AISSEC, Associazione Italiana per lo Studio dei Sistemi Economici Comparati - “Kaldor-Verdoorn’s law and increasing returns to scale: a comparison across developed countries“. Università di Perugia, Perugia, Giugno 2009.

SIE, Riunione Scientifica Annuale della Società Italiana degli Economisti - "Evidence on excess sensitivity of consumption to predicted income growth". Perugia 2008.

Seminars and Webinars

Workshop “Classical Economics, Keynes and Money”, Department of Law (Dipartimento di Giurisprudenza), University of Naples 'Federico II', Naples, Italy, July 20th, 2022.
Bank of Italy, “A Corruption Risk Indicator for Public Procurement”, Webinar June 2021
Ragioneria Generale dello Stato, “A Corruption Risk Indicator for Public Procurement”, Webinar April 2021
University of Chieti-Pescara, “The Economic Effect of Corruption in Italy: A Regional Panel Analysis”, 2015
Università di Messina, Dipartimento di Economia (previously named SEAM), "Precautionary Savings of Agents with Heterogeneous Risk Aversion", Aprile 2013
Università di Roma Tor Vergata, Facoltà di Economia, Doctoral Seminar, "Evidence on possible precommitment strategies of agents with dynamically inconsistent preferences", 2008
Università di Roma “Tor Vergata”, Annual Reading Seminar, PhD in Econometrics and Empirical Economics, “Association and Causality in Panel Data”, 2004

Supervisions

PhD

Silvia D'Arrigo (final dissertation Spring 2019), Francesco Gravina (final dissertation Winter 2020),
Alessandra Patti (Spring 2022). Paolo Mustica (January 2024), Giovanni Ficarra (November 2024), Rossana Arcano (2025-current)

Post-Doc

Silvia D'arrigo (Since February 2021-July 2023)
Paolo Mustica (June 2024- current)

Institutional Responsibilities

- Member of the Governing Board of a Centre for Mafia Studies, University of Messina, AY 2024/25-current.
Member of the quality assessment (AQ) of the Bachelor degree program in Economics, Banking and Finance (Univ. of Messina) from 2019 to current.
- Coordinator of the Bachelor degree program in Economics, Banking and Finance (Univ. of Messina) from 2019 to 2024.
- Faculty member of the Ph.D. in Economics, Management and Statistics, Università degli studi di Catania e Messina and since 2021 University of Messina only, from cycle XXXIII to -
- Faculty member of the Ph.D. in Scienze Economiche e Metodi Quantitativi, Università degli studi di Messina, XXVII and XXVIII cycle