UNIVERSITÀ DEGLI STUDI DI MILANO

TO MAGNIFICA RETTRICE OF UNIVERSITA' DEGLI STUDI DI MILANO   **ID CODE 7127**

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Economics, Management, and Quantitative Methods (DEMM) of the University of Milan_____**

Scientist- in – charge: **_____Prof. Luca Stella_____**

[OKTAY ÖZDEN]

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	OKTAY
Name	ÖZDEN

PRESENT OCCUPATION

Appointment	Structure
Research Assistant	Istanbul 29 Mayis University

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Economics	Altinbas University	2017
Specialization			
PhD	Economics	Kadir Has University	2025
Master	Economics	Marmara University	2020
Degree of medical specialization			
Degree of European specialization			
Other			

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City

| | Association for Heterodox Economics (AHE) | |
| | Post-Keynesian Economics Society | |

FOREIGN LANGUAGES

Languages	level of knowledge
English	Advanced
Turkish	Native

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2022, April	Best Presentation, 17 April 2022, Why R Turkey 2022, awarded 200$
2016, Sep	Academic Achievement Awards, 15 Sep 2016, Kemerburgaz University, Istanbul
2016, May	Best Academic Research, 12 May 2016 Congreconomics II., Marmara University

TRAINING OR RESEARCH ACTIVITY

My research areas in economics include inflation, distribution policies, and macroeconomic modeling. I am also interested in data science and AI technologies, exploring ways to integrate them into economic research.

Currently, I have developed the UK-SFC model and its visualization through an interactive web application based on R Shiny technology. It is the first SFC model to provide an interactive web app. The web app has been deployed and is accessible via this link: https://oktayozden.shinyapps.io/UKSFC/, but requires the password "wynnegodley" for access. This platform provides policy analysis for those engaging with my PhD research. In addition, I am working on incomes policy and inflation, with several upcoming research articles.

Some of my research has been published in Review of Keynesian Economics, Review of Political Economy, and PSL Quarterly Review. I also serve as a reviewer for international journals indexed in the Web of Science (WoS) and have actively participated in both international and national academic conferences, where several of my presentations have been recognized with awards.

During my PhD, I also contributed to real-sector projects. For instance, I developed the Spectra AI Web App for PRONET, an Istanbul-based large company specializing in security and alarm systems. This web app detects customers with a high churn risk and optimizes firms' discount policies. Additionally, I contributed to a text mining project for the Istanbul Municipality, where I worked with a 5.5 million-record dataset consisting of citizens' demands, complaints, and suggestions. This web app analyzes real-time data and provides daily insights into the most pressing issues across Istanbul's districts.

To conclude, I am confident in my statistical and programming abilities. I have developed large-scale, production-grade applications in the field of data science. At the same time, I continue my research on inflation, income distribution, and macroeconomic modeling, always considering how to leverage data science and AI technologies to enhance economic analysis.

I would be happy to elaborate further on my research and experiences in an interview.

PROJECT ACTIVITY

Year	Project
2023	**Spectra AI – R based Churn Data Analysis -** Logistic regression, R Shiny I developed it for Istanbul based security firm. It is the most prominent firm in the market. Its operation was conducted for 81 different provinces of Turkey. Spectra AI is a shiny app that uses logistic regression techniques to understand the churn risk of real-time customers. It estimates churn probability scores of each customers minutes by minutes. Packages: shiny, plumber, plyr, mfx, forcats, dplyr, ggplot2, plotly, etc.
2022	**R Shiny Text Mining Project** – Biagram Methodology, Frequency Bar Plots, Wordcloud, Biagram It is a Shiny web-app project completed for Istanbul Municipality. It analyses real-time data, including public complaints, suggestions, and demands. It briefly summarizes real-time daily data which have come from people who are passengers, retired, workers, etc. Packages: shiny, forcat, igraph, ggraphy, plotly, dplyr, snowballc, quanteda, plumber, etc.
2021	**"Canada Securities Transition Office problem: COVID and Global Capital Flows",** presented at Extended Problem Solving Workshop, The Fields Institute for Research in Mathematical Sciences, Canada

PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place

PUBLICATIONS

Books
Özden, Oktay. Forthcoming (late 2025). "Heterodox Theories of Inflation." In *The Routledge Handbook of Heterodox Economics*, 2nd ed. London: Routledge.
[title, place, publishing house, year …]

Articles in reviews
Özden, Oktay, H. Kutay Bolkol, and Baki Demirel. 2024. "The Endogenous Money Hypothesis: Empirical

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Evidence from Türkiye (2008–2020)." PSL Quarterly Review 77 (308): 23-57

Özden, Oktay, and H. Kutay Bolkol. 2023. "Shaikh's Theory of Inflation: Empirical Evidence from European Countries (2001–20)." Review of Political Economy, 1–21.

Özden, O. (2017). Discouraged workers in the Turkish Labor Market: 1988-2014. *International Journal of Social Sciences and Education Research*, *3*(3), 734-750.

Özden, O. (2023). Türkiye ekonomisinin yapısı: by Özgür Orhangazi (Istanbul: İmge Kitapevi, 2020). *Rethinking Marxism*, *36*(1), 124-130. Book Review

Özden, O. (2023). Dong Wang and Dejun Cao, Re-Globalisation: When China Meets the World Again (Routledge, London, UK 2020, ISBN 978-1-0031-2693-5) 168 pp. *Review of Keynesian Economics*, Book Review

Özden, O. (2022). The Climate Crisis and the Global Green New Deal: The Political Economy of Saving the Planet, *Trakya Üniversitesi İktisadi ve İdari Bilimler Fakültesi E-Dergi*, 2022, Book Review

[title of the article, review, place, publishing house, year ...]

Congress proceedings

Post-COVID Inflation Dynamics and Its Distributional Effects in the UK: A Two Household SFC Model, 2024;

presented at the 2nd Efil Conference on Economics and Society, TOBB University of Economics and Technology, Ankara, 19-20th December 2024

presented at the Historical Materialism 2024 Istanbul Conference, Istanbul Kadir Has University, Istanbul, 5-7th April 2024

Understanding the causality among monetary aggregates: An Empirical Evidence from Turkey 2008-2020" *(with Hakkı Kutay Bolkol and Baki Demirel)*, 2022;

presented at the 8th ICE-TEA, International Conference of Economics orginized by Turkish Economic Associations Economics, in Cappodocia University, Nevşehir, Turkey, 1-4 Sep 2022

Revisiting Shaikh's Theory of Inflation: An Empirical Analysis from European Countries" *(with Hakkı Kutay Bolkol)*;

presented at the 24th Annual Conference of the Association for Heterodox Economics, in association with SOAS, the University of London, 6-8 July 2022, London, U.K.

presented at the Historical Materialism 2022 Istanbul Conference, Istanbul Kadir Has University, Istanbul, 17th April 2022

Analysis of Economists' Twitter Data with Topictisat: How Do Economists Interpret the Economic Agenda?

presented at Why R Turkey 2022, İstanbul, Turkey

Selected as "Most Attractive Presentation" and awarded 200$ by the scientific committee of Why R Turkey 2022, 17 April 2022

Eichner's Megacorps and Oligopoly: Post-Keynesian analysis of pricing pattern for Turkish Industries;

presented at Asos Congress – Social and Humanities Sciences, in Yıldız Technical University, Istanbul, 27th September 2018

Discouraged Workers in the Turkish Labor Market: 1988-2014;

presented at Congreconomics II, Marmara University, Istanbul, 12th May 2016;

presented at 19th International Students' Conference on Economics, Ege University, Izmir, 27-29th April 2016

OTHER INFORMATION

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: Istanbul, 12th February, 2025