

CANAN GÜLCAN

Assistant Professor

PROFILE

I have been working as an Assistant Professor at Eastern Mediterranean University, Faculty of Pharmacy for more than eight years. My specialty is in health economics, pharmaco-economics, and applied econometrics, and I am competent in the use of various statistical software such as STATA, SPSS, and EViews.

CONTACT

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WORK EXPERIENCE

- 2023 January-present: Assist. Prof., Eastern Mediterranean University, Faculty of Pharmacy, Division of Pharmacoeconomics, Famagusta, TR. North Cyprus, via Mersin 10, Turkey.
- 2015 September – 2023 January: Senior Instructor, Eastern Mediterranean University, Faculty of Pharmacy, Division of Pharmacoeconomics, Famagusta, TR. North Cyprus, via Mersin 10, Turkey.
- 2013-2015: Research Assistant, Eastern Mediterranean University, Faculty of Health Sciences, Famagusta, TR. North Cyprus, via Mersin 10, Turkey.

PROFESSIONAL SOCIETIES, AND MEMBERSHIP

January 2019 – present: Section editor of EMU Journal of Pharmaceutical Sciences.

RESEARCH MANUSCRIPTS (in refereed national journals in English)

1. **Gulcan, C.** (2020). A study on life expectancy in Turkey. EMU Journal of Pharmaceutical Sciences, 3(2), 86-96.

REVIEW ARTICLES (in refereed national journals in English)

1. **Gulcan, C.** (2018). Review on patient satisfaction in pharmacy services. EMU Journal of Pharmaceutical Sciences, 1(1), 68-75.

PUBLISHED WORK

Research Manuscripts (in refereed international journals) (WEB OF SCIENCE, SSCI, SCI, SCIE, ESCI)

4. Balcilar, M., & **Gulcan, C.** (2022). Factors Associated with Self-Reported Chronic Diseases of Syrian Refugees in Turkey. Annals of

Global Health, 88(1):62. PMID: 35974984 PMCID: PMC9336782 DOI: 10.5334/aogh.3794 (SCIE).

3. Balcilar, M., & **Gulcan, C.** (2022). Determinants of Protective Healthcare Services Awareness among Female Syrian Refugees in Turkey. *Healthcare*, Vol. 10 (9), 1717. PMID: 36141330 PMCID: PMC9498309 DOI: 10.3390/healthcare10091717 (SSCI and SCIE).

2. Ilktac, M., Tarabishi, M. T., Ozbirtan, P., **Gulcan, C.**, & Celik, G. (2020). A public awareness study about antibiotic consumption habits and antibacterial resistance in north-eastern region of Cyprus. *The Journal of Infection in Developing Countries*, 14(05), 463-470. PMID: 32525832 DOI: 10.3855/jidc.11936 (SCIE).

1. Fallah, A., Gulcan, H. O., **Gulcan, C.**, Erçetin, T., Kabaran, S., Kunter, I., ... & Şahin, M. F. (2018). Traditional techniques applied in olive oil production results in lower quality products in Northern Cyprus. *Turkish Journal of Pharmaceutical Sciences*, 15(2), 190. PMID: 32454660 PMCID: PMC7228018 DOI: 10.4274/tjps.79188 (ESCI).

Books and Book Chapters

1. **Gülcan, C.** 'Pharmacoeconomics' in *Highlights in Pharmacy* (Eastern Mediterranean University Press) edited by Mustafa Fethi Şahin, pp 208-216 (September 2017); ISBN: 978-605-9595-15-5. (in English).

Oral and Poster Presentations at Scientific Meetings

17. "The Nexus Between Demographic Characteristics and the Attitudes Towards Pharmaceutical Care Of Pharmacy Students", **Gulcan, C.**, Wali Igwechi J. 3rd International Paris Congress on Applied Sciences, February 17-19, 2024, Paris, France (Oral Presentation).

16. "Tackling Environmental Degradation in Türkiye: Insights from a VAR Model Analysis", Sabokkhiz, L., **Gulcan, C.** EUROSIA 9th International Conference, November 24-26, 2023, Tbilisi, Georgia (Oral Presentation).

15. "The Nexus of Electricity Consumption, Green Energy, Tourism and CO2 emissions in Italy: A Longitudinal Perspective", **Gulcan, C.**, Sabokkhiz, L. EU 3rd International Conference on Humanity and Social Sciences, November 17-19, 2023, Tiran, Albania (Oral Presentation).

14. "Cytomegalovirus Seroprevalence among Women of Childbearing Age in Turkey in a Eight-year Period", Dinçer Daldaban, Ş., Ilktac, M., **Gulcan, C.**, Dizdaroğlu, H., Sarinoglu, R.C., Aksaray, S., Aktepe, O.C., Çelik, G. 25th Annual Meeting of the ESCV, August 30-September 2, 2023 (Poster Presentation).

13. "Influenza Vaccination Compliance Behaviours of Physicians in Turkey", Dinçer Daldaban, Ş., Tok, Y., **Gulcan, C.**, Akan, H., Sarinoglu, R.C., Aksaray, S., Aktepe, O.C., Çelik. 25th Annual Meeting of the ESCV, August 30-September 2, 2023 (*Poster Presentation*).
12. "Analysis of Public Knowledge Regarding Rational Drug Use", Hamurtekin, E., **Gulcan, C.**, Khanjani Moaf S., Meydani, S. 5. International Ankara Multidisciplinary Studies Congress, January 27-29, 2023 (*Oral Presentation*).
11. "Factors Related To Health Expenditures in Türkiye: Evidence from Cointegration Analysis". **Gulcan, C.** Ege 7th International Conference On Applied Sciences, December 24-25, 2022 (*Oral Presentation*).
10. "The Nexus of Health-Related And Environmental Factors to Child Mortality: Evidence from G7 Countries", **Gulcan, C.**, Sabokkhiz, L., Etokakpan, M. U., Elsalih, O. International Paris Conference On Social Sciences - VII, July 6-7, 2022 (*Oral Presentation*).
9. "Revisiting the Consideration of Urbanization and Industrialization of G7 Countries on Environmental Sustainability", **Gulcan, C.**, Sabokkhiz, L., Etokakpan M.U., Elsalih O. (6th ICBFP'2022: International Conference On Economic Development, Public Finance, Energy and Environment, May 26-27, 2022 (*Oral Presentation*).
8. "Covid-19 Pandemic Effect on the University Students", **Gulcan, C.**, İlkaç, M., Karaozan, N. 2nd. International Graduate Studies Congress (IGSCONG'22), June 8-11, 2022 (*Oral Presentation*).
7. "The Underlying Drivers of Female Unemployment in Turkey: An assessment using ARDL Approach", **Gulcan C.** 5th International Erciyes Conference on Scientific Research, April 16-17, 2021 (*Oral Presentation*).
6. "The Effects of Health-related Factors on Infant Mortality in Turkey", **Gulcan C.** (International Symposium of Scientific Research and Innovative Studies (ISSRIS'21), February 22-25, 2021 (*Oral Presentation*).
5. "The Impact of Health-resources, environmental, and Economic Factors on Life Expectancy in Turkey", **Gulcan C.** (5th International GAP Mathematics- Engineering-Science and Health Sciences Congress, December 4-6, 2020 (*Oral Presentation*).
4. "The effect of minimum wage and social allowance policies on female employment in Turkey", Sabokkhiz L., **Gulcan C.** 7. International Conference on Gender Studies, October 10-12, 2019 (*Oral Presentation*).
3. "Eczacılık öğrencilerinin HIV/AIDS Bilgi Düzeylerinin ve HIV ile İnfekte Bireylere Karşı Bakış Açılarının Değerlendirilmesi", İlkaç, M., Öğmen, S., Asliardeh, T.P., **Gulcan, C.**, Çelik, G. XXXVIII Turkish Microbiology Congress November 4-8, 2018 (*Poster Presentation*).

2. "Investigation of Zikavirus Knowledge Among Pharmacy Students in Eastern Mediterranean University, Turkish Republic of Northern Cyprus", Ilktaç, M., Nurluoç, V., **Gulcan, C.**, Ogmen, S., Yilmaz, G. 20th ESCV 2017 Annual Meeting, Stresa, ITALY ,September 13-16, 2017 (*Poster Presentation*).

1. "Awareness of Antibiotic Consumption and Antibiotic Resistance Among University Students in Turkish Republic of Northern Cyprus", Ilktaç, M., Gur, B., **Gulcan, C.**, Celik, G. 10th Balkan Congress of Microbiology, Sofia, Bulgaria, November 16-18, 2017 (*Poster Presentation*).

Peer Review of Manuscripts for;

8. Review activity for Environmental Science and Pollution Research, Review date: January, 2024, Role: reviewer, Source: Springer Nature (SCIE)

7. Review activity for "Environment, Development and Sustainability", Review date: April, 2023, Role: reviewer, Source: Springer (SCIE).

6. Review activity for EMU Journal of Pharmaceutical Sciences", Review date: June, 2023, Role: reviewer, Source:DergiPark Akademik.

5. Review activity for "Environment, Development and Sustainability", Review date: Feb, 2023, Role: reviewer, Source: Springer (SCIE).

4. Review activity for "Environment, Development and Sustainability", Review date: July, 2022, Role: reviewer, Source: Springer (SCIE).

3. Review activity for "Environment, Development and Sustainability", Review date: August, 2022, Role: reviewer, Source: Springer (SCIE).

2. Review activity for "Environmental Science and Pollution Research", Review date: May, 2021, Role: reviewer, Source: Springer Nature (SCIE).

1. Review activity for "Environmental Science and Pollution Research", Review date: April, 2021, Role: reviewer, Source: Springer Nature (SCIE).

HONORS AND AWARDS

1. Researcher Incentive Award for 2020, presented by Eastern Mediterranean University, October 2021.

EDUCATION

Has completed her PhD in Economics in 2022 (Thesis Title: Evaluation of Health Status among Syrian Refugees Living in Turkey: The Effects of Health Literacy, and Socioeconomic Factors/Thesis Superv'sor: Prof. Dr. Mehmet BALCILAR) and Master's in Business Administration in 2015 (Thesis Title: The Relationship between Burnout and Turnover Intention among Nurses: The Effect of Psychological Demands, Decision Authority, and Social Support on Burnout and Turnover Intention/Thesis Superv'sor: Prof. Dr. Cem TANOVA) at Eastern Mediterranean University. In 2002, Business Administration with a BA in the Department of Business and Economics and English Teaching Pedagogical Formation Education in the Department of English Language Teaching were completed.

Other services to the Eastern Mediterranean University

1. Faculty of Pharmacy member of The Eastern Mediterranean University " Students Disciplinary Board" (Since 2022).
2. Faculty of Pharmacy member of The Eastern Mediterranean University "Community Involvement Center" (2019-2024).

Mentored Undergraduate Thesis Projects (Completed)

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| 26 | Covid-19 and Its Effects on Health, Education, and Economy (Mustafa Emre Koç) |
| 25 | The Effects of Covid-19 Pandemic on Mental Health of Pharmacy Students (Nurgül Karaozan) |
| 24 | Customer Relationship Management Strategies in The Pharmacy Business (Michelle Nyesiga ANDINDA, June 2022). |
| 23 | The Role of Pharmacoeconomics in the Healthcare System (Aishatu Abba ABDULWALI, June 2022). |
| 22 | Attitude to Complementary And Alternative Medicine Among Pharmacy Students (Yousef NOURMOHAMMADI February 2021). |
| 21 | Factors Involved in Determination of Original Drug Prices in Europe and US (Selin ŞİMŞEK, February 2021). |
| 20 | Factors Affecting Generic Drug Prices (Ghadi DANDASHİ, January 2021). |
| 19 | The Comparison of Pharmaceutical Expenditures between Developed and Under Developed Countries (Parham FALLAHİ, September 2020). |
| 18 | The Determinants of Life Expectancy in OECD Countries (Basel Alshikh ATIE, December 2020). |
| 17 | Comparison between Cost Effectiveness Analysis and Cost Utility Analysis (Shamsuddeen MUHAMMAD, January 2020). |
| 16 | Relationship between Pharmaceutical Consumption and Improved Health (Munirah NANKINGA, January 2020). |
| 15 | Investigation of Customer Loyalty in Pharmacy Services (Fadwa ELKAWLAK, June 2019). |
| 14 | The Role of Pharmacoeconomics in Research and Development Decision Making Process (Asmaa MUGHRABIEH, June 2019). |
| 13 | The Roles of Pharmacists in Healthcare Services (Dorcias Titilope OKANLAWON, May 2019). |
| 12 | Health Expenditures in Turkey (Zehra Ceren BİLEN, 2018). |
| 11 | Pharmacy Profession in Developed and Developig Countries (Amal ALJUNDI, June 2018). |

- 10 Review of Perceptions and Knowledge of Pharmacy Students Towards Complementary and Alternative Medicine (Ali ÖZTÜRK, 2018).
- 9 Branding Strategies in The Pharmaceutical Industry (Busari Ololade ROFLAT, May 2018).
- 8 Marketing Strategies in Pharmaceutical Sector (Halimah Adeola FETUGA, December 2018).
- 7 The Effects of Health Expenditures on Health Outcomes in OECD Countries (Charlotte Ahuoiza AHMADU, January 2018).
- 6 Cost Benefit Analysis in Pharmacoeconomics (Kingsley Ifeanyi UDOGU, June 2017).
- 5 Evaluation of Patient Satisfaction with Pharmacy Services (Damilola Assumpta Aransiola, November 2017).
- 4 Self Efficacy and Career Commitment Among Pharmacy Students and The Effects of Demographic Variables (Abibat SANNI, January 2017).
- 3 The Loss of Net Profit in Pharmacies Following the Drug Purchase Protocol with SGK (nNebi ŞENTURK, 2017).
- 2 Attitudes of Pharmacy Students and Pharmacists to The Natural Health Products (Bishr SHIABNI, 2017).
- 1 Job Satisfaction Among Community Pharmacists in TRNC (Ali RAJABZADEH, June 2017).

Teaching Assignments at Eastern Mediterranean University / Undergraduate Program

Course Code	Course Name	Semester
PHAR310	Pharmacoeconomics (English)	2015-2016 Fall- Present
PHAR491	Pharmacy Business Management (English)	2016-17 Spring-Present
SAGY404	Human Resources Management in Health Organizations (Turkish)	2023-2024 SPRING-Present
SAGY405	Economics of Health Management (Turkish)	2023-2024 FALL-Present
SAGY302	Quantitative Analysis in Health Organization Management (Turkish)	2023-2024 FALL-Present
(Instructor)		