

ACADEMIC CURRICULUM VITAE



1. Name - Surname: Efe Precious Onakpojeruo

- 1 Irfan Suat Günsel Operational Research Institute, Near East University, Nicosia / TRNC Mersin 10 – Turkey
- 2 Department of Basic Sciences, Division of Cancer Science, School of Medicine, Loma Linda University, Loma Linda, CA, USA.

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Google Scholar: <https://bit.ly/4gSDrby> | [LinkedIn Profile](#)

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2. BIOGRAPHY OF EFE PRECIOUS ONAKPOJERUO

Dr. Efe Precious Onakpojeruo is a distinguished biomedical engineer, machine learning researcher, and Assistant professor with an academic foundation in Medical Biochemistry and Genetics. He earned his Master's and PhD in Biomedical Engineering from Near East University (NEU), Turkey, where he received multiple honors, including the Young Researcher Award (2023–2025). He was also ranked among the top 2% of 660 faculty members at NEU for outstanding research contributions.

Dr. Onakpojeruo is currently leading an experiment at Loma Linda University School of Medicine, Division of Cancer Science, California, USA. His research focuses on Diffuse Midline Glioma (DMG) Pediatric brain tumor Radiation Therapy using Boron Neutron Capture Therapy (BNCT) a field that merges medical physics, radiation biology, and computational modeling for pediatric neuro-oncology. He is also a member of Deutsche Gesellschaft für Bor-Neutroneneinfangtherapie e.V. (DGBNCT) in Germany, contributing to the global promotion of BNCT technologies and a professional member of the Alzheimer's Association International Society to Advance Alzheimer's Research and Treatment (ISTAART).

Following his doctorate, Dr. Onakpojeruo completed two postdoctoral fellowships:

1. Operational Research Center in Healthcare, Near East University (NEU), Turkey
2. European Organization for Nuclear Research (CERN), Geneva, Switzerland, contributing to the CMS HGCAL (High-Granularity Calorimeter) Upgrade Project, representing both NEU and Istanbul Technical University (ITU) in the CMS Collaboration. His work at CERN focuses on optical link performance, signal processing, and detector optimization for high-energy physics applications.

At Loma Linda University, Dr. Onakpojeruo serves as a Scientific Researcher, exploring the intersection of biomedical sciences, data-driven modeling, translational medicine, and healthcare innovation. His expertise spans Laboratory experiments, ACU (Animal Care and Use) working with mice and post-procedure care of Mice & Rats, deep learning, generative models (GANs and diffusion models), and multi-criteria decision analysis applied to biomedical imaging, oncology, and public health.

Dr. Onakpojeruo has published over 90 peer-reviewed papers, accumulating over 450 citations, and has reviewed more than 50 manuscripts for leading publishers such as MDPI, Springer Nature, and Taylor & Francis etc.. His recent works have appeared in high-impact journals, including *Brain Communications*, *Brain Science*, *Advanced Neurology*, *Diagnostics*, *AppliedMath*, *IEEE Access* etc. He has also presented at major international conferences, including the Alzheimer's Association International Conference (AAIC), IEEE, ASET, and DeSE.

In addition to his research accomplishments, Dr. Onakpojeruo has been recognized with several distinctions:

-  Publication Award (2023, 2024,)
-  Young Researcher Award (2023, 2024,)
-  Award of Honor from the Urhobo Progress Union America (UPUA)
-  BIOTIN Fellowship, awarded under the Biomedical Technologies and Innovation Doctoral Program
-  Shortlisted Researcher, *5th Forum for Women in Research*, University of Sharjah, UAE
-  Recognition by the NEU Bulletin (2025) for contributions to high-energy physics and biomedical engineering
-  Commendation by the Office of the Vice Chancellor, University of Sharjah, for contributions to flood-risk modeling and environmental protection in the UAE

A passionate advocate for scientific innovation and global collaboration, Dr. Efe continues to bridge biomedical science, artificial intelligence, and medical physics to develop impactful, data-driven solutions for precision medicine and sustainable healthcare.

3. Educational Background:

Degree	Department/Program	University	Year
Bachelor’s	Medical Biochemistry & Genetics	Delta State University Abraka, Nigeria	2018
Master’s	Biomedical Engineering	Near East University	2021/2022
PhD	Biomedical Engineering	Near East University	2024/2025

Additional Certifications

2025	CERN– Safety officer
2023	Master of Data Science (10Alytics, Ireland/UK)
2023	Deep Learning Specialization (in-depth study of Generative Adversarial Networks (Coursera)
2023	Professional Diploma in Data Science (Taraba Business School Nigeria)
2022	Machine Learning Engineer (AWS - UDACITY Nano-Degree)
2014 – 2015	Wisdom Foundation for Leadership
2012 – 2014	Fastlink Computers Innovation and Communication School Inc. Nigeria

Other Education and Courses

2025	Technical Shifter, CERN
2025	First Aid - SST - Initial, CERN
2025	Fire Extinguisher – Initial, CERN
2025	CMS - Surface and Underground Areas, CERN
2024	Beam Facilities, CERN
2024	Cryogenic Safety - Awareness, CERN
2024	LHC Large Experiments, CERN
2024	Laser - User, CERN
2024	Data Privacy - e-learning, Computer Security, CERN
2024	LHC - Machine, CERN
2024	Portable ODH Detector, CERN
2024	Electrical Safety - Awareness - Facilities, CERN
2024	Electrical Safety - Awareness - Fundamentals, CERN
2024	Self-Rescue Mask - Initial (Covid-19), CERN
2024	Radiation Protection - Awareness, CERN
2024	Radiation Protection-Supervised Area, CERN
2024	Radiation Protection - Controlled Area, CERN

4. Master’s / PhD Thesis

Updated March 23 2026

4.1.Master's Thesis Title and Thesis Advisor(s): Evaluation of the Non-Pharmacological Methods of Controlling Pain During Childbirth; Using Analytical Evaluation Models. (2022) Prof. Dr. Dilber Uzun Ozsahin

4.2.PhD Thesis /Medical Specialty Thesis Title and Advisor(s):

- i. Leveraging generative adversarial networks (GANS) for enhanced brain tumors, and liver cancer imaging analysis.
- ii. Enhancing Brain Tumor Classification Using Advanced Diffusion Denoising Model and a Novel Conditional Deep Convolutional Neural Network

Supervisor: Assoc. Prof. Dr. Ilker Ozsahin

Supervisor Affiliation: Brain Health Imaging Institute, Department of Radiology, Weill Cornell Medicine, New York, New York, USA

5. Academic Titles: Assistant Professor

Postdoctoral Trainings and Skills

i. Postdoctoral Research Fellow

Irfan Suat Günsel Operational Research Institute, Near East University
2024 – Present

- Applying machine learning algorithms for large-scale data analysis and predictive modeling.

ii. Postdoctoral Researcher at European Organization for Nuclear Research (CERN) CMS Experiment, Geneva, Switzerland

2024 – Present

- Key contributor to the HGCAL Optical Link Project under the CMS Upgrade initiative.
- Integrated advanced signal processing techniques to optimize data transmission in the High Granularity Calorimeter (HGCAL).
- Representing Near East University and Istanbul Technical University in the CMS, HGCAL Optical Link Project at CERN, Geneva.
- Collaborating with Professor Kerem Cankocak to enhance optical fiber link systems for the CMS Upgrade HGCAL experiment.

iii. Faculty Lecturer

Near East University, Biomedical Engineering Department, Mersin, Turkey
2023 – 2025

- Teaching "Biomechanics (BME 320)," focusing on injury mechanisms and biomedical applications.
- Mentored undergraduate students on final-year projects related to biomedical imaging and biomechanics.

iv. Research Assistant

Irfan Suat Günsel Operational Research Institute, Near East University, Mersin, Turkey
2021 – 2023

- Developed machine learning models for medical imaging and neural activity predictions.
- Conducted statistical analysis and published findings in high-impact journals.

v. Full Stack Data Scientist (Remote)

10Alytics, United Kingdom (2021-2024)

- Data Analysis and Insights Generation
- Data Visualization and Process Enhancement: I Leveraged Tableau and developed interactive dashboards and visualizations to effectively communicate findings.
- Data Extraction and Strategic Insights: I Applied SQL queries to extract and manipulate data from database

Technical Skills

- **Programming & Tools:** Python, MATLAB, TensorFlow, PyTorch, SciPy, NumPy, Scikit-learn, VASP, PySCF.
- **Machine Learning Techniques:** Neural networks (ANN, CNN, LSTMs), Bayesian optimization, Gaussian process regression, deep learning for time-series data.

- **Experimental Techniques:** High granularity calorimeter optical fibres linking, Hexaboard testing, Electrophysiology, brain slice culture, cell handling, sterile techniques.
- **Data Handling & Analysis:** Statistical modeling, image processing, clinical dataset preprocessing.
- **Editorial & Peer Review Leadership** – Manuscript evaluation, academic publishing, journal management.
- **Leadership & Collaboration** – Research supervision, interdisciplinary teamwork, strategic planning.
- **Scientific Writing & Communication** – Grant writing, academic publishing, manuscript editing.
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6. Publications

6.1. Articles Published in International Peer-Reviewed Journals (SCI, SSCI, AHCI, ESCI, Scopus) Google Scholar: <https://bit.ly/4gSDrby>

1. **Efe Precious Onakpojeruo**, Ozsahin, D. U., & Ozsahin, I. (2025). Enhancing brain tumor classification with a diffusion denoising model and a conditional deep convolutional neural network. *Advanced Neurology*, 025130025.
2. Emegano, D., Sultanoğlu, N., **Efe Precious Onakpojeruo**, Uzun, B., Ozsahin, D. U., & Şanlıdağ, T. (2025). Evaluating the Latent Tuberculosis Diagnostic Tests Using Fuzzy PROMETHEE: A Multi-Criteria Decision Approach. *Cyprus Journal of Medical Sciences*.
3. Bargin, P., Zhou, Z., Dongbo, E. K., Kofa, J. N., & **Efe Precious Onakpojeruo**, (2025). A robust deep learning model for fish image classification. *Engineering Research Express*, 7(2), 025253.
4. **Efe Precious Onakpojeruo**, & Sancar, N. (2024). A Two-Stage Feature Selection Approach Based on Artificial Bee Colony and Adaptive LASSO in High-Dimensional Data. *AppliedMath*, 4(4), 1522-1538.
5. Uzun Ozsahin, D., **Efe Precious Onakpojeruo**, Bartholomew Duwa, B., Usman, A. G., Isah Abba, S., & Uzun, B. (2024). Reply to Graña et al. Comment on “Uzun Ozsahin et al. COVID-19 Prediction Using Black-Box Based Pearson Correlation Approach. *Diagnostics* 2023, 13, 1264”. *Diagnostics*, 14(22), 2529. Q1, IF-4.2
6. **Efe Precious Onakpojeruo**, Mustapha, M. T., Ozsahin, D. U., & Ozsahin, I. (2024). Enhanced MRI-based brain tumour classification with a novel Pix2pix generative adversarial network augmentation framework. *Brain Communications*, 6(6), fcae372. Q1, IF- 4.5
7. **Efe Precious Onakpojeruo**, Mustapha, M. T., Ozsahin, D. U., & Ozsahin, I. (2024). A Comparative Analysis of the Novel Conditional Deep Convolutional Neural Network Model, Using Conditional Deep Convolutional Generative Adversarial Network-Generated Synthetic and Augmented Brain Tumor Datasets for Image Classification. *Brain Sciences*, 14(6), 559. Q1, IF- 3.0
8. Ozsahin, Ilker, **Efe Precious Onakpojeruo**, Berna Uzun, Dilber Uzun Ozsahin, and Tracy A. Butler. (2023). "A Multi-Criteria Decision Aid Tool for Radiopharmaceutical Selection in Tau PET Imaging" *Pharmaceutics* 15, no. 4: 1304. <https://doi.org/10.3390/pharmaceutics15041304> Q1, IF-6.6
9. Uzun Ozsahin, D., **Efe Precious Onakpojeruo**, Bartholomew Duwa, B., Usman, A. G., Isah Abba, S., & Uzun, B. (2023). COVID-19 Prediction Using Black-Box Based Pearson Correlation Approach. *Diagnostics*, 13(7), 1264 Q1, IF-4.2
10. Uzun Ozsahin, D., **Efe Precious Onakpojeruo**, Uzun, B., Mustapha, M. T., & Ozsahin, I. (2023). Mathematical Assessment of Machine Learning Models Used for Brain Tumor Diagnosis. *Diagnostics*, 13(4), 618. <https://doi.org/10.3390/diagnostics13040618> Q1, IF-4.2
11. Sancar, N., **Efe Precious Onakpojeruo**, Inan, D., & Ozsahin, D. U. (2023). Adaptive Elastic Net Based on Modified PSO for Variable Selection in Cox Model with High-dimensional Data: A Comprehensive Simulation Study. *IEEE Access*. Q1, IF-3.9

6.2. Articles Published in Other International Peer-Reviewed Journals

12. **Efe Precious Onakpojeruo**, Ozsahin, D. U., Uzun, B., & Ozsahin, I. (2025, July). Enhancing dementia classification using denoising diffusion models and conditional deep convolutional neural networks. In *Alzheimer's Association International Conference*. ALZ.
13. **Efe Precious Onakpojeruo**, Ozsahin, D. U., Uzun, B., & Ozsahin, I. (2025, July). Comparative evaluation of machine learning models for dementia prediction. In *Alzheimer's Association International Conference*. ALZ.
14. Ozsahin, I., **Efe Precious Onakpojeruo**, Uzun, B., Ozsahin, D. U., & Butler, T. A. (2023). Radiopharmaceutical selection for tau PET imaging. *Alzheimer's & Dementia*, 19, e075631.

15. **Efe Precious Onakpojeruo**, Uzun, B., Efe-Onakpojeruo, C. C., & Ozsahin, D. U. (2024). Global Climate Change and Its Effects on Nature and Human Life; Evaluation of Vulnerability and Contributors to Climate Change. *Global Journal of Sciences*, 1(1), 68-80.

6.3. Papers Presented at International Scientific Conferences and Published in Conference Proceedings

16. Duwa, B. B., **Onakpojeruo, E. P.**, Uzun, B., Hussain, A. J., Ozsahin, I., David, L. R., & Ozsahin, D. U. (2024, November). Ensemble Predictive Modeling for Dementia Diagnosis. In *2024 17th International Conference on Development in eSystem Engineering (DeSE)* (pp. 352-357). IEEE.
17. **Onakpojeruo, E. P.**, Uzun, B., David, L. R., Ozsahin, I., Efe, C. C., & Ozsahin, D. U. (2024, November). Evaluation of Bone Cancer Treatment Techniques. In *2024 17th International Conference on Development in eSystem Engineering (DeSE)*(pp. 346-351). IEEE.
18. Mustapha, M. T., **Onakpojeruo, E. P.**, David, L. R., Uzun, B., Hussain, A. J., & Ozsahin, D. U. (2024, November). Leveraging the novel MSHA model: A focus on adrenocortical carcinoma. In *2024 17th International Conference on Development in eSystem Engineering (DeSE)* (pp. 399-404). IEEE.
- Onakpojeruo, E. P.**, Uzun, B., David, L. R., Ozsahin, I., Efe, C. C., & Ozsahin, D. U. (2024, November). Integrating ANFIS, ANN, & MLR with MCDM for accurate prediction of lung cancer for improved clinical decision support. In *2024 17th International Conference on Development in eSystem Engineering (DeSE)* (pp. 445-450). IEEE.
19. **Onakpojeruo, E. P.**, Uzun, B., David, L. R., Ozsahin, I., & Ozsahin, D. U. (2024, November). Selection Techniques in Genetic Algorithm. In *2024 17th International Conference on Development in eSystem Engineering (DeSE)* (pp. 411-416). IEEE.
20. Ozsahin, D. U., **Efe Precious Onakpojeruo.**, Asir, S., Ozsahin, I., & Uzun, B. (2024, June). Comparison of EGFR, IL-13R α 2, and EGFRvIII Bio-Receptors for the Construction of Brain Cancer-Specific Biosensors. In *2024 Advances in Science and Engineering Technology International Conferences (ASET)* (pp. 1-6). IEEE.
21. Ozsahin, D. U., **Efe Precious Onakpojeruo**, Duwa, B. B., Uzun, B., Zira, Y. F., & Ozsahin, I. (2024, June). Implementation of Artificial Intelligence Models for Enhanced Cardiovascular Disease Prediction and Risk Assessments. In *2024 Advances in Science and Engineering Technology International Conferences (ASET)* (pp. 01-06). IEEE.
22. Sancar, N., Okonkwo, M. O. O., **Onakpojeruo, E. P.**, Selma, J. S., Fannoh, J. J., Ibrahim, I., & Abidemi, S. U. (2024, February). A comparative study of statistical models for forecasting Covid-19 cases in Greece. In *AIP Conference Proceedings* (Vol. 3085, No. 1). AIP Publishing.
23. Ozsahin, D. U., **Onakpojeruo, E. P.**, Uzun, B., & Ozsahin, I. (2023, February). Selection Methods for the Treatment of Spinal Cord Tumors Using Analytical Evaluation Models. In *2023 Advances in Science and Engineering Technology International Conferences (ASET)* (pp. 01-07). IEEE. Q1, IF-14.91
24. Ozsahin, D. U., **Onakpojeruo, E. P.**, Duwa, B. B., Uzun, B., Ozsahin, I., & Chioma, E. C. (2023, February). Comparative Evaluation of 3D Filaments Used in Additive Manufacturing of Biomedical Tools; Using Fuzzy PROMETHEE. In *2023 Advances in Science and Engineering Technology International Conferences (ASET)* (pp. 1-7). IEEE. Q1, IF-14.91
25. Ozsahin, D. U., **Onakpojeruo, E. P.**, & Uzun, B. (2023, February). Hydrogel-Based Drug Delivery Nanoparticles with Conventional Treatment Approaches for Cancer Tumors; A Comparative Study Using MCDM Technique. In *2023 Advances in Science and Engineering Technology International Conferences (ASET)* (pp. 1-9). IEEE. Q1, IF-14.91
26. Ozsahin, I., **Onakpojeruo, E. P.**, Uzun, B., Ozsahin, D. U., & Butler, T. A. (2023, July). Comparative evaluation of FDA-approved drugs for managing the symptoms of AD. In *Alzheimer's Association International Conference*. ALZ. Q1
27. Ubah, A. E., **Onakpojeruo, E. P.**, Ajamu, J., Mangai, T. R., Isa, A. M., Ayansina, N. B., & Al-Turjman, F. (2022, October). A Review of Artificial Intelligence in Education. In *2022 International Conference on Artificial Intelligence of Things and Crowdsensing (AIoTCs)* (pp. 38-45). IEEE. Q1, IF-14.91
28. Ubah, A. E., **Onakpojeruo, E. P.**, Ajamu, J., Mangai, T. R., Isa, A. M., Ayansina, N. B., & Al-Turjman, F. (2022, October). Biometrics Authentication Techniques in E-Learning Assessment. In *2022 International Conference on Artificial Intelligence of Things and Crowdsensing (AIoTCs)* (pp. 126-132). IEEE. Q1, IF-14.91
29. **E. P. Onakpojeruo**, F. Al-Turjman, M. T. Mustapha, C. Altrjman and D. U. Ozsahin, "Emerging AI and cloud computing paradigms applied to healthcare," *The International Conference on Forthcoming Networks and Sustainability (FoNeS)*, Hybrid Conference, Nicosia, Cyprus, 2022, pp. 811-826, doi: 10.1049/icp.2022.2557 Q1, IF-14.91

6.4. National/international Books or Book Chapters

30. **Onakpojeruo, E. P.**, Uzun, B., & Al-Turjman, F. (2025). Reinforcement Learning Models in Stock Trading. *NEU Journal for Artificial Intelligence and Internet of Things*, 4(1), 72-85.
31. Ozsahin, D. U., ..., **Onakpojeruo, E. P.**, (2024). Construction of an automated hand sanitizer dispenser used against transmissible diseases.
32. Efe-Onakpojeruo, C. C., **Onakpojeruo, E. P.**, Ozsahin, D. U., & Al-Turjman, F. (2025). 26 A Black Box Pearson Correlation Study on the Effects of Social Media on Young Adults. *Artificial Intelligence Learning Facilitators: Creating Smart Education Systems*, 314.
33. Ofuzor, M. C., **Efe-Onakpojeruo, C. C.**, Onakpojeruo, E. P., Ozsahin, D. U., & Al-Turjman, F. (2025). 28 Big Data Analytics for. *Artificial Intelligence Learning Facilitators: Creating Smart Education Systems*, 340.

6.5. Articles Published in National Peer-Reviewed Journals

34. **Onakpojeruo, E. P.**, & Uzun, B. (2025). Evaluating the Impact of Nursing Interventions in Postoperative Settings. *NEU Journal for Artificial Intelligence and Internet of Things*, 4(1), 16-36.
35. **Onakpojeruo, E. P.**, Cetintas, Y., Balcioglu, O., Uzun, B., Efe, C. C., Theresa, E., & Ozsahin, D. U. (2025). Comparative Analysis of Anesthetic Methods and Their Influence on Postoperative Outcomes. *NEU Journal for Artificial Intelligence and Internet of Things*, 4(1), 58-71.
36. **Onakpojeruo, E. P.** Evaluation of the Non-Pharmacological Methods of Controlling Pain During Childbirth; Using Analytical Evaluation Models. (Master's Thesis)
37. **Onakpojeruo, E. P.**, Uzun, B., Ozsahin, I., & Ozsahin, D. U. (2022). Evaluation of the Treatment Alternatives for Spinal Cord Tumors Using Analytical Evaluation Models.
38. Duwa, B., **Onakpojeruo, E. P.**, Uzun, B., Ozsahin, I., & Ozsahin, D. U. (2022). Comparative Evaluation of 3D Filaments, Used in Additive Manufacturing of Biomedical Tools; Using Fuzzy Promethee.
39. **Onakpojeruo, E. P.**, Uzun, B., & Ozsahin, D. U. (2022). Hydrogel-Based Drug Delivery Nanoparticles with Conventional Treatment Approaches for Cancer Tumors; A comparative study using MCDM Technique.

7. Projects

- i. Targeted Boron Neutron Capture for Pediatric Cancer Therapy
 - ii. CMS Collaboration project of building a high granularity calorimeter (HGCAL) to replace the existing endcap calorimeters at CERN Geneva, Switzerland.
 - iii. A Comparative Analysis of the Novel C-DCNN Model, Using DCGAN Generated Synthetic and Augmented Brain and Kidney Tumor Datasets for Image Classification.
 - iv. Enhanced MRI-Based Brain Tumor Classification with A Novel Pix2Pix GAN Augmentation Framework
- Supervisors:** Associate Professor Patil Rameshwar, Professor Kerem Cankocak, Prof. Dilber Uzun Ozsahin, and Assoc. Prof. Dr. Ilker Ozsahin

8. Memberships in Scientific and Professional Organizations

- i. European Organization for Nuclear Research Compact Muon Solenoid Collaboration (CERN CMS)
- ii. Alzheimer's Association International Society to Advance Alzheimer's Research and Treatment (ISTAART)
- iii. European Union of Operational Research (EURO)
- iv. Deutsche Gesellschaft für Bor-Neutroneneinfangtherapie e.V. (DGBNCT)
- v. Global Burden of Disease (GBD) Collaborator Network. Institute for Health Metrics and Evaluation
- vi. Human Cell Atlas

9. Awards

- i. Publication Award (2023, 2024,) Near East University
- ii. Young Researcher Award (2023, 2024,) Near East University
- iii. AWS (UDACITY Nano-Degree) Award
- iv. Master of Data Science Award @ 10Alytics, Ireland/UK
- v. Professional Diploma Award in Data Science at Taraba Business School Nigeria
- vi. 2023 and 2024 Alzheimer's Association International Conference (AAIC)
- vii. Fellowship research position in a European Research Council (ERC) awarded project, "Biomedical Technologies and Innovation Doctoral Program (BIOTIN)" at Izmir Institute of Technology, Turkey.

Conferences Presentation and Certificates

1. 2023, 2024, and 2025 Alzheimer's Association International Conference (AAIC)
2. 2024 Advances in Science and Engineering Technology International Conferences (ASET), Dubai, UAE
3. The 17th International Conference on the Developments in eSystems Engineering (DeSE2024)
4. 2024 Operational Research Center in Healthcare Seminar: Unraveling Neurodegenerative Changes: From Microglia Activation to Glymphatic Dynamics and Imaging Innovations in Alzheimer's Disease
5. International conference on analysis and applied mathematics (ICAAM 2022) November 2022 Antalya, Türkiye
6. EURO 2022 ESPOO, FINLAND
7. Conference for Medical Students at Near East University 2022
8. International Conference on Artificial Intelligence in Everything 2022 Near East University
9. Association of Southern European Economic Theorists (ASSET 2022)
10. International Conference on Forthcoming Networks and Sustainability (FoNeS 2022)
11. Third International Conference on "Cyprus Issue" Environmental Challenges and Energy Security. (ECES 2022)
12. Ankara Humanities and Social Sciences Congress 2023
13. 3rd International Conference on Water Problems in Mediterranean Countries (WPMC-2023) Abstract Book is attached.

10. Undergraduate and Graduate Courses Taught in the Last Two Years

Academic Year	Semester	Course Name	Weekly Hours		Number of Students
			Theoretical	Practical	
2023 - 2024	Spring	BME 431 Cardiovascular Biomechanics	8	3	31
2024 – 2025	Fall	BME 320 Biomechanics	8	3	31