

**ACADEMIC
CURRICULUM VITAE**

1. Name - Surname: Fatih Veysel Nurçin

2. Title: Assist. Prof. Dr.

3. Educational Background:

Degree	Department/Program	University	Year
Bachelor's	Biomedical Engineering	Near East University	2011-2013
Master's	Biomedical Engineering	Near East University	2013-2015
PhD	Biomedical Engineering	Near East University	2015 Fall- 2020 Fall

4. Master's / PhD Thesis

4.1. Master's Thesis Title and Thesis Advisor(s): U-net Architecture for Segmentation of Overlapping Red Blood Cells in Malaria Blood Smear Images, Assist. Prof. Dr. Elbrus Imanov

4.2. PhD Thesis /Medical Specialty Thesis Title and Advisor(s): Lie Detection on Pupil Size, Assist. Prof. Dr. Elbrus Imanov

5. Academic Titles:

Date of Assistant Professorship: 14.11.2022

Date of Associate Professorship:

Date of Professorship:

6. Supervised Master's and PhD Theses:

6.1. Master's Theses

6.2. PhD Theses

7. Publications

7.1. Articles Published in International Peer-Reviewed Journals (SCI,SSCI, AHCI, ESCI, Scopus)

Nurçin, F. V., Şentürk, N., Imanov, E., Thalmann, S., & Fagg, K. (2023). Automated Tasmanian devil segmentation and devil facial tumour disease classification. *Wildlife Research*.

Nurçin, F. V. (2022) Improved segmentation of overlapping red blood cells on malaria blood smear images with TransUNet architecture. *International Journal of Imaging Systems and Technology*. <https://doi.org/10.1002/ima.22739>

Nurçin, F. V., & Imanov, E. (2021). Selective Hole Filling of Red Blood Cells for Improved Marker-Controlled Watershed Segmentation. *Scanning*, 2021, 5678117. <https://doi.org/10.1155/2021/5678117>

Nurçin, F. V. & Imanov, E. (2021). Segmentation of Overlapping Red Blood Cells for Malaria Blood Smear Images by U-Net Architecture. *Journal of Medical Imaging and Health Informatics*, 11(8). doi:10.1166/jmihi.2021.3757.

Ozsahin, D. U., Uzun, B., Musa, M. S., Helwan, A., Wilson, C., Nurcin., F. V., ... & Ozsahina, I. (2017). Evaluating cancer treatment alternatives using Fuzzy PROMETHEE Method. *International Journal of Advanced Computer Science and Applications*, 8(10), 177-82.

7.2. Articles Published in Other International Peer-Reviewed Journals

7.3. Papers Presented at International Scientific Conferences and Published in Conference

Proceedings

Nurçin, F. V., Imanov, E., Işın, A., & Ozsahin, D. U. (2017). Lie detection on pupil size by back propagation neural network. *Procedia Computer Science*, 120, 417-421.

Ozsahin, D. U., Uzun, B., Musa, M. S., Şentürk, N., Nurçin, F. V., & Ozsahin, I. (2017). Evaluating nuclear medicine imaging devices using fuzzy PROMETHEE method. *Procedia Computer Science*, 120, 699-705.

Altıparmak, H., & Nurçin, F. V. (2019, February). Segmentation of Microscopic Breast Cancer Images for Cancer Detection. *In Proceedings of the 2019 8th International Conference on Software and Computer Applications* (pp. 268-271).

IBMEC 2015, Lie Detection on Pupil Size, Nurçin F. V., Işın A., Imanov E., P04

IBMEC 2018, Infected Malaria Parasites Detection. Nurçin F. V. PP20

7.4. National/international Books or Book Chapters

7.5. Articles Published in National Peer-Reviewed Journals

8. Art and Design Activities

Artificial Intelligence and Art Exhibition

9. Projects

Visiting Research Scholar at Gordon Center for Medical Imaging at Massachusetts General Hospital (MGH) and Harvard Medical School (HMS) between 06/01/2017 and 09/01/2017 to research on “Gate simulation of High Sensitivity Positron Emission Mammography (PEM)”.

10. Administrative Responsibilities

Internship Coordinator

11. Memberships in Scientific and Professional Organizations

12. Awards

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

Academic Year	Semester	Course Name	Weekly Hours		Number of Students
			Theoretical	Practical	
2021-2022	Güz	Introduction to Biomedical Engineering			
		Medical English			
		Biyomedikal Mühendisliğine Giriş			
		Biyomedikal Elektronik			
		Biyomekanik			
	Bahar	Biomedical Imaging			
		Modelling of Biological Systems			
		Medical English			
		Biyomedikal Görüntüleme			
		Biyomedikal Enstrümantasyon II			
		Medikal İngilizce			
		Biyomedikal Teknoloji			
2022-2023	Güz	Medical English			
		Medikal İngilizce			
		Introduction to Biomedical Engineering			
		Biyomedikal Mühendisliğine giriş			
		Biyomedikal Elektronik			
		Introduction to Bioengineering			
	Bahar	Medical English			
		Medikal İngilizce			
		Biomedical Instrumentation II			
		Biyomedikal Instrumentasyon II			
		Biomedical Imaging			
		Modelling of Biological Systems			