Curriculum Vitae

1. **Name Surname** : **Zalihe YARKINER**
2. **Date of Birth** : **01.05.1989**
3. **Title** : **Asst. Prof. Dr.**
4. **Education** : **Doctorate (PhD)**
5. **Current Institution** : **Cyprus Science University**

Degree	Major	University	Year
Undergraduate	BSc (Hons.) Mathematics with Business Management	Kingston University, London	2010
Doctorate	Doctor of Philosophy (PhD) in Medical Statistics	Kingston University, London	2014

5. **Academic Title**

   Date of Asst. Prof. : 2016
   Head of Software Engineering Department : 2019
   Vice Dean : 2019

7. **Publications**

   7.1. Articles published in international, peer-reviewed (SCI,SSCI,Arts and Humanities) journals

Turgut, E., Sakar, S., Findikli, N. and Yarkiner, Z. (2019) 'Progesterone elevation on the day of oocyte maturation induction does not affect embryological parameters throughout the blastocyst culture period', *Reproductive Biology and Endocrinology*

Boynukalin, F.K., Gultomruk, M., Cavkaytar, S., Findikli, N., Serdarogullari, M., Coban, O., Yarkiner, Z., Rubio, C. and Bahceci, M. (2019) 'Parameter impacting live birth per transfer after frozen single', *PLOS ONE*

Boynukalin, F.K., Gultomruk, M., Turgut, E., Demir, B., Findikli, N., Serdarogullari, M., Coban, O., Yarkiner, Z., Bahceci, M. (2019) 'Measuring the serum progesterone level on the day of transfer can be an additional tool to maximize ongoing pregnancies in single euploid frozen blastocyst transfers', *Reproductive Biology and Endocrinology*

Coban, O., Serdarogullari, M., Yarkiner, Z., Bahceci, M. and Serakinci, N. (2019) 'Investigating the level of DNA Double-Strand Break in human sperm and its relation to semen characteristics and IVF outcome using phospho-Histone H2AX antibody as a biomarker', *Andrology*

Yarkiner, Z., Hunter, G., O'Neil, R. and de Lusignan, S. (2013) 'Application of Mixed Models for Investigating Progression of Chronic Disease in a Longitudinal Dataset of Patient Records from General Practice', *Journal of Biometrics and Biostatistics*, S9: 001.

   7.2. Articles published in international, peer-reviewed other journals

Yarkiner, Z., Hunter, G., O'Neil, R. and de Lusignan, S. (2013) 'Analysis of Complex, Routinely obtained Longitudinal Data from Medical General Practice Records: A case study on the progression of chronic kidney disease', *S.Co. 2013 Complex Data Modelling and Computationally Intensive Statistical Methods for Estimation and Prediction, Politecnico do Milano*, Milan: Italy.

Yarkiner, Z., O'Neil, R., Hunter, G. and Bidgood, P. (2013) 'Application of Linear Mixed Models for Routinely Collected General Practice Data: A case study in chronic kidney disease (CKD) in the UK', *7th Annual International Conference on Annual International Conference on Mathematics Education &Statistics Education, Mathematics and Statistics*, Athens: Greece.

7.3. Articles presented in international scientific conferences which are published in international conference proceedings

Hunter, G. and Yarkiner, Z. (2014) 'Formant Frequencies of British English Vowels Produced by Native Speakers of Cypriot Turkish', *Proceedings of the Institute of Acoustics*; Vol.36, Pt.3, 15-16 Oct 2014, Birmingham, United Kingdom.

Yarkiner, Z., O'Neil, R. and Hunter, G. (2013) 'Predictors of decline in eGFR in patients with CKD in the UK: Findings from the longitudinal study of routinely collected GP records', *2nd International Conference and Exhibition on Biometrics and Biostatistics*, Chicago: USA.

Yarkiner, Z., O'Neil, R. and Hunter, G. (2012) 'Developing longitudinal models for monitoring chronic diseases in computerised GP records', *6th CSDA International Conference of the ERCIM (European Research Consortium for Informatics and Mathematics) Working Group on Computing and Statistics (ERCIM 2012),* Ovideo: Spain.

Yarkiner, Zalihe, O'Neil, Rosie, Hunter, Gordon, Bidgood, Penelope and De Lusignan, Simon (2013) Applications of mixed models to investigate progression of chronic diseases using routinely collected general practice data: a case study in chronic kidney disease (CKD) in the UK. *In: Annual Conference of the Royal Statistical Society;* 2-5 Sep 2013, Newcastle upon Tyne, U.K.

Yarkiner, Zalihe, O'Neil, R., Hunter, G. J. A. and De Lusignan, Simon (2013) Application of Linear Mixed Models on General Practice Data: A Case Study in Chronic Kidney Disease (Ckd) in The Uk. *In: 7th IMA International Conference on Quantitative Modelling in the Management of Health and Social Care;* 25-27 Apr 2013, London, U.K.

O'Neil, Rosie, Bidgood, Penelope, deLusignan, Simon, Yarkiner, Zalihe and Joseph, Sybel (2012) Longitudinal modelling for monitoring progressive chronic diseases in computerised GP records : a case study in Chronic Kidney Disease (CKD). *In: Royal Statistical Society Annual Conference;* 03 - 06 Sep 2012, Telford, U.K.

10.   Membership of Scientific Institutions

Royal Statistical Society (RSS), London.
Athens Institute for Education and Research (ATINER), Athens.
Longitudinal Statistics (Lstats) Research Group, London.

12. List of undergraduate and master courses offered.

Academic Year	Semester	Name of the course	Hours per week		Number of Students
			Theoretical	**Application**	
2019/2020	**Fall**	Differential Equations	3		5
		Mathematics I	3		31
		Statistics I	3		21
		Biyoistatistik	2	2	36
		Advanced Research Methods	3		14
		İstatistik (Hemşirelik, Yüksek lisans)	3		6
2018/2019	**Fall**	Biyoistatistik/ İstatistik/ Sağlık Alanında İstatistik	6		131
		Advanced Engineering Mathematics I	3		11
		Differential Equations	8		150
		Biostatistics	3		10
	Spring	Numerical Analysis	3		80
		Biostatistics	3		65
		Advanced Biostatistics	3		10
		PRD İstatistik 2	3		50
	Summer	Engineering Economy	6		10
		Numerical Analysis	6		8
		Engineering Mathematics	6		8
2017/2018	**Fall**	Biyoistatistik	6		127
		Calculus III	15		135
	Spring	Calculus III	10		120
		Numerical Analysis	6		111
		Araştırma Yöntemleri	3		3

Year	Semester	Course			
	Summer	Calculus III	10		10
		Numerical Analysis	6		10
		Probability Theory	6		10
2016/2017	**Fall**	Calculus III	10		136
		Calculus II	10		175
	Spring	Calculus III	10		121
		Calculus II	5		60
		Numerical Analysis	6		102
	Summer	Calculus III	10		23
		Engineering Mathematics	6		54
2015/2016	**Fall**	Calculus III	5		187
		Calculus I	15		232
	Spring	Calculus III	15		118
		Calculus II	5		60
		Differential Equations	4		90
	Summer	Calculus III	10		30
		Numerical Analysis	6	4	72
2014/2015	**Fall**	Calculus III	10		50
		Differential Equations	8		33
		Probability Theory	6		48
		Advance Engineering Mathematics II	3		6
	Spring	Engineering Mathematics	6		51
		Calculus II	15		199
	Summer	Calculus III	9		5
		Differential Equations	10		4
		Probability Theory	10		3