

Curriculum Vitae

Personal information

First name / Surname Dr Tugce Arkan, PhD
Address(es) 52, Sarayonu Str., 99050, Degirmenlik, Nicosia, Cyprus
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E-mail tugcearkan@yahoo.co.uk
Nationality TRNC / EU
Date of birth 17/08/1989
Gender Female



Work experience

Dates 2018 -
Occupation or position held Lecturer on Chemistry (part-time)
Main activities and responsibilities Giving lectures on chemistry. Managing the related laboratory experiments and work.
Name and address of employer Eastern Mediterranean University, Departments of Physics and Chemistry, Famagusta, Cyprus
Type of business or sector Faculty of Arts and Sciences

Dates 2017 -
Occupation or position held Lecturer on Pharmaceutical Toxicology (part-time)
Main activities and responsibilities Giving lectures on pharmaceutical toxicology. Observing and managing the related laboratory experiments and work.
Name and address of employer Cyprus International University, Faculty of Pharmacy, Nicosia, Cyprus
Type of business or sector Faculty of Pharmacy

Dates 2011
Occupation or position held Assistant in Faculty of Pharmacy
Main activities and responsibilities Observing and managing the university examination and marking examination papers
Name and address of employer Near East University, Faculty of Pharmacy, Nicosia, Cyprus
Type of business or sector Health Sciences Institute

Education and training

Dates 2012 - 2018
Title of qualification awarded PhD in Environmental Sciences
Principal subjects/occupational skills covered Environmental Analysis and Instrumentation; both theoretical and practical studies in analytical chemistry, analysis and instrumentation
Name and type of organisation providing education and training Eötvös Loránd University, PhD School of Environmental Sciences, Budapest, Hungary

Dates 2010 - 2012
 Title of qualification awarded MSc in Toxicology
 Principal subjects/occupational skills covered Forensic and Clinical Toxicology; theoretical approach to forensics and clinical aspects of Pharmacological studies in Toxicology
 Name and type of organisation providing education and training Near East University, Faculty of Pharmacy, Nicosia, Cyprus

Dates 2006 - 2010
 Title of qualification awarded BSc in Forensic Sciences
 Principal subjects/occupational skills covered Forensic and Analytical Sciences; theoretical and practical studies in basic analytical chemistry, physical sciences and law. Practical studies in crime scene investigation methods; theoretical approach in medicinal chemistry, ballistics and collision analysis
 Name and type of organisation providing education and training University of Kent, School of Physical Sciences, United Kingdom

Dates 2003 - 2006
 Title of qualification awarded Matriculation certificate
 Principal subjects/occupational skills covered Edexcel GCE Ordinary level and advanced studies in Chemistry, Mathematics, English and Turkish Language. Studies in Physics, Biology, Literature and World History subjects
 Name and type of organisation providing education and training Turk Maarif College, Nicosia, Cyprus

Dates 2005
 Title of qualification awarded Matriculation certificate in Cypriot Youth Pro-Active Leadership Programme
 Name and type of organisation providing education and training Alliance for Conflict Transformation, Inc (ACT), Massachusetts, United States of America

Personal skills and competences

Mother tongue Turkish
 Other language English

Self-assessment
 European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C2	Proficient user	C1	Proficient user	C2	Proficient user	C2	Proficient user

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences Strong observation skills, reliability and preciseness as a Forensic Scientist
 Good communication skills and adaptability gained through receiving education in various countries and living for long terms in multicultural environments; UK, USA, Hungary

Organisational Skills and Competences Leadership and communication skills gained in USA under Pro-Active Leadership programme

Technical skills and competences Training in Gas Chromatography, Mass Spectroscopy, Atomic Absorption Spectroscopy, Nuclear Magnetic Resonance, Forensics and Fingerprinting Tool Kit

Computer skills and competences	Software: good command on MS Word, Excel, PowerPoint. Windows, Linux.
Artistic skills and competences	Writing novels and short stories in both Turkish and English
Other skills and competences	Sports; swimming, basketball, folkloric dance Personal interests in: travelling, photography, creative writing
Driving licence	D (Cyprus)
Additional information	<p>TRNC Annual Swimming Championships, with Near East Swimming Team (1997-2001) : Golden medals winner TRNC Swimming Club (2002-2005) : Silver and bronze medals winner</p> <p>Undergraduate scientific and research activity: University of Kent, School of Physical Sciences BSc final year project; Anti-spoof devices against the faking of fingerprints (2010), UK Supervisor: Prof. Adrian G. H. Podoleanu</p>
Additional information	<p>Postgraduate scientific and research activity: Near East University, Faculty of Pharmacy Medical Profession, Murder and Poison: A study of forensic cases in the use of poison by medical staff in committing homicide; Presentation (2011), Cyprus Supervisor: Prof. Terken Baydar</p> <p>MSc Thesis; Epidemiological assessment of the poisoning cases resulting in death within TRNC between the years 1991-2012 (2012), Cyprus Supervisor: Prof. Sahan Saygi</p> <p>Scholarship of TRNC for PhD Study (2012-2015)</p> <p>Doctoral scientific and research activity: Eötvös Loránd University (ELTE), PhD, School of Environmental Sciences, Hungary. T. Arkan, I. Molnár-Perl, Review: The role of derivatization technique in the analysis of glyphosate and aminomethylphosphonic acid by chromatography, Microchem. J. 121 (2015) 99-106.</p> <p>T. Arkan, A. Csámpai, I. Molnár-Perl, Alkylsilyl derivatization of glyphosate and aminomethylphosphonic acid followed by gas chromatography mass spectrometry, Microchem. J. 125 (2016) 219-223.</p> <p>Application of a novel derivatization technique for glyphosate and aminomethylphosphonic acid analysis by gas chromatography-mass spectrometry; Presentation (2016). Supervisor: Prof. I. Molnár-Perl</p> <p>T. Arkan, I. Molnár-Perl, Advances in the alkylsilyl derivatization of glyphosate and aminomethylphosphonic acid: A critical comeback to the N-tert.butyltrimethylsilyl-N-methyltrifluoroacetamide reagent, Microchem. J. 132 (2017) 262-267.</p> <p>PhD dissertation; Advances in the Determination of Alkylsilyl Derivatization of Glyphosate and Aminomethylphosphonic acid by Gas Chromatography-Mass Spectrometry. Supervisor: Prof. I. Molnár-Perl</p>