

### Academic Personnel Short Profile / Short CV

<b>University:</b>	University of Nicosia
<b>Surname:</b>	Achilleos
<b>Name:</b>	Souzana
<b>Rank/Position:</b>	Assistant Professor
<b>Faculty:</b>	Medical School
<b>Department:</b>	Primary Care and Population Health
<b>Scientific Domain:</b>	Environmental Health

### Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
ScD – Doctor of Science in Environmental Health	2016	Harvard University	Exposure, Epidemiology and Risk Program; Department of Environmental Health; School of Public Health	Particulate Pollution: Trends, Sources, Components, and Health
MSc – Master of Science in Environmental Health	2009	Cyprus International Institute for the Environment and Public Health in association with Harvard School of Public Health	N/A	N/A
BSc – Bachelor of Science in Chemistry	2007	National and Kapodistrian University of Athens	Chemistry	N/A

### Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position
From	To			
2019	2021	University of Nicosia Medical School	Nicosia, Cyprus	Academic Associate (April 2019) / Post-Doctoral Research Fellow (June 2020)
2017	2021	Cyprus University of Technology	Limassol, Cyprus	Post-Doctoral Research Fellow (part-time) / Academic Associate (as of 2019)
2016	2017	Harvard University – School of Public Health	Boston, MA, USA	Post-Doctoral Research Fellow

### Key refereed journal papers, monographs, books, conference publications etc.

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2023	Burden of fine air pollution on mortality in the desert climate of Kuwait	Alahmad B., Li J., <b>Achilleos S.</b> , Al-Mulla F., Al-Hemoud A., Koutrakis P.	Journal of Exposure Science & Environmental Epidemiology		1-6
2	2023	Exploring the impact of particulate matter on mortality in coastal Mediterranean environments	Psistaki K., <b>Achilleos S.</b> , Middleton N., Paschalidou A.K.	Science of the Total Environment	865	1-10
3	2023	Improved indoor air quality during desert dust storms: The impact of the MEDEA exposure-reduction strategies	<b>Achilleos S.</b> , Michanikou A., Kouis P., et al.	Science of the Total Environment	863	1-13
4	2023	Associations Between Extreme Temperatures and Cardiovascular Cause-	Alahmad B., Khraishah H., Roye D., Vicedo-Cabrera A.M., Guo Y., Papatheodorou S.I., <b>Achilleos S.</b> , et al.	Circulation	147	35-46

		Specific Mortality: Results From 27 Countries				
5		Epidemiology of Dust Effects: Review and Challenges (Chapter)	Alahmad B., Khraishah H., <b>Achilleos S.</b> , Koutrakis P.	Al-Dousari, A., Hashmi, M.Z. (eds) Dust and Health. Emerging Contaminants and Associated Treatment Technologies. Springer, Cham.		93-111
6	2022	Responses of schoolchildren with asthma to recommendations to reduce desert dust exposure: Results from the LIFE-MEDEA intervention project using wearable technology	Kouis P., Michanikou A., Galanakis E., Michaelidou E., Dimitriou H., Perez J., Kinni P., <b>Achilleos S.</b> , et al.	Science of the Total Environment	860	1-8
7	2022	Impact of the COVID-19 pandemic on total, sex- and age-specific all-cause mortality in 20 countries worldwide during 2020: results from the C-MOR project	Demetriou C.A., <b>Achilleos S.</b> , Quattrocchi A., Gabel J., etc	International Journal of Epidemiology	52	664-676
8	2021	The MEDEA childhood asthma study design for mitigation of desert dust health effects: implementation of novel methods for assessment of air pollution exposure and lessons learned.	Kouis P., Papatheodorou S.I., Kakkoura M.G., Middleton N., Galanakis E., Michaelidi E., <b>Achilleos S.</b> , Mihalopoulos N., Neophytou M., Stamatelatos G., Kaniklides C., Revvas E., Tymvios F., Savvides C., Koutrakis P., Yiallourous P.K.	BMC Pediatrics	21:13	1-9
9	2020	Spatio-temporal variability of desert dust storms in Eastern Mediterranean (Crete, Cyprus, Israel) between 2006 and 2017 using a uniform methodology	<b>Achilleos S.</b> , Mouzourides P., Kalivitis N., Katra I., Kloog I., Kouis P., Middleton N., Mihalopoulos N., Neophytou M., Panayiotou A., Papatheodorou S., Savvides C.,	Science of the Total Environment	714:13 6693	1-12

			Tymvios F., Vasiliadou E., Yiallourous P.K., Koutrakis P.			
10	2019	Acute effects of air pollution on mortality: A 17-year analysis in Kuwait.	<b>Achilleos S.</b> , Al-Ozairi E., Alahmad B., Garshick E., Neophytou A.M., Bouhamra W., Yassin M.F., Koutrakis P.	Environment International	126	476-483
11	2017	Acute effects of fine particulate matter constituents on mortality: a systematic review and meta-regression analysis.	<b>Achilleos S.</b> , Kioumourtzoglou M.A., Chih-Da W., Schwartz J.D., Koutrakis P., and Papatheodorou S.I.	Environment International	109	89-100

Exhibitions					
Ref. Number	Date	Topic	International / Local	Location	Role in Exhibition
1	9-12 November, 2022	15th European Public Health Conference	International	Berlin, Germany	Poster Presenter
2	4 October, 2022	8th Annual Pan-Cypriot Public Health Day	Local	Cyprus University of Technology, Limassol, Cyprus	Oral Presenter
3	23-24 February, 2021	The Nexus of Climate and Health: Pollution Trends and their Effects on Health	International	Online	Oral Presenter / Mediator
4	18-26 May, 2020	12 <sup>th</sup> International Conference on Air Quality – Science and Application	International	Online	Oral Presenter
5	17 December, 2019	Desert dust storms and their effects in human health - Meeting	Local	Ministry of Health, Nicosia, Cyprus	Oral Presenter
6	15-19 October, 2017	27 <sup>th</sup> Annual International Society of Exposure Science (ISES) Meeting - Integrating Exposure Science Across Diverse Communities	International	Durham, NC, USA	Poster Presenter

<b>Research Projects</b>				
<b>Ref. Number</b>	<b>Date</b>	<b>Title</b>	<b>Funded by</b>	<b>Project Role</b>
<b>1</b>	2020-current	C-MOR Research Consortium	Internal Funding	Research Team Member
<b>2</b>	2017-2021	LIFE-MEDEA ("Mitigating the Health Effects of Desert Dust Storms Using Exposure – Reduction Approaches") (Grand Agreement LIFE16 CCA/CY/000041)	European Union's LIFE programme	Research Team Member
<b>3</b>	2010-2012	Air Pollution Monitoring from Space in Cyprus – The 'AIRSPACE' project	Cyprus Research Promotion Foundation	Researcher