

### Academic Personnel Short Profile / Short CV

<b>University:</b>	University of Nicosia
<b>Surname:</b>	Hajigeorgiou
<b>Name:</b>	Photos
<b>Rank/Position:</b>	Professor
<b>Faculty:</b>	Medical School
<b>Department:</b>	Basic and Clinical Sciences
<b>Scientific Domain: *</b>	Chemistry

*\* Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Ph.D.	1991	Dalhousie University	Chemistry	The Isotopic Dependence of Born-Oppenheimer Effects: Application of a Hamiltonian Correction Approach to the Representation of Spectroscopic Line Positions of HF/DF and HCl/DCI
B.Sc. (Honours)	1984	Dalhousie University	Chemistry	The $A^2\Pi - X^2\Pi$ Band System of the Sulphur Monoxide Cation, $SO^+$ : Rotational Analysis of Selected Bands at Long Wavelengths
PGCertHE	2012	University of Hertfordshire	Education	

**Employment history in Academic Institutions/Research Centers – List by the three (3) most recent**

Period of employment		Employer	Location	Position
From	To			
October 1999	Present	University of Nicosia	Nicosia, Cyprus	Teaching & Research Faculty
January 1994	June 1995	University of Waterloo	Waterloo, Ontario, Canada	Research Associate
August 1991	December 1993	University of British Columbia	Vancouver, British Columbia, Canada	Postdoctoral Fellow

**Key refereed journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)**

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2022	Compact and Accurate Models for the Diatomic Potential Energy		Molecular Physics	120	e2133754 (15 pages)
2	2018	The Extended Hulburt-Hirschfelder-Long-Range Oscillator Model for Direct-Potential-Fit Analysis		International Journal of Quantum Chemistry	118	e25498 (21 pages)
3	2017	Type 2 Diabetes and its Correlates in a First Nationwide Study Among Cypriot Adults	E. Andreou, D. Papandreou et al.	Primary Care Diabetes	11(2)	112-118
4	2016	Accurate Internuclear Potential Energy Functions for the Ground Electronic States of NeH <sup>+</sup> and ArH <sup>+</sup>	J.A. Coxon	Journal of Molecular Spectroscopy	330	63-71

5	2016	The Extended Lennard-Jones Potential Energy Function: A Simpler Model for Direct-Potential-Fit Analysis		Journal of Molecular Spectroscopy	330	4-13
6	2015	Improved Direct Potential Fit Analyses for the Ground Electronic States of the Hydrogen Halides: HF/DF/TF, HCl/DCI/TCI, HBr/DBr/TBr, and HI/DI/TI	J.A. Coxon	Journal of Quantitative Spectroscopy and Radiative Transfer	151	133-154
7	2014	Non-hdl and Triglycerides are Independently Associated with Anthropometrical Indices in a Cypriot Population of Healthy Adults	E. Andreou, D. Papandreou et al.	Experimental and Clinical Cardiology	20	3682-3692
8	2013	The Potential Energy Function for the Ground Electronic State of $^{16}\text{O}_2$		Journal of Chemical Physics	138	014309 (8 pages)
9	2012	Risk Factors of Obesity in a Cohort of 1001 Cypriot Adults: An Epidemiological Study	E. Andreou, K. Kyriakou et al.	Hippokratia	16(3)	256-260
10	2012	Effects of Diet and Exercise in 337 Overweight/Obese Adults	C. Philippou, E. Andreou, N. Menelaou, D. Papandreou	Hippokratia	16(1)	46-50

**Exhibitions (where applicable). List the five (5) more recent and other five (5) selected.**

<b>(max total 10)</b>					
<b>Ref. Number</b>	<b>Date</b>	<b>Topic</b>	<b>International / Local</b>	<b>Location*</b>	<b>Role in Exhibition</b>
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*\*Specify venue, geographic location etc*

<b>Research Projects. List the five (5) more recent and other five (5) selected (max total 10)</b>				
<b>Ref. Number</b>	<b>Date</b>	<b>Title</b>	<b>Funded by</b>	<b>Project Role*</b>
1	2023	AETHER - The Effects of Electrical Power Stations on Air Quality, the Marine Environment, and Human Health in Cyprus	University of Nicosia Medical School Seed Grant Fund	Principal Investigator
2	2019-2022	IoT based Continuous Environmental Monitoring for Health Analytics	Cyprus Research Promotion Foundation	Researcher/Collaborator
3	2020-2023	Direct Potential Fit Analysis of the Ground Electronic State of CS	University of Nicosia Medical School	Researcher/Co-author
4	2023	The Ground Electronic State of ClF: Updated Molecular Constants and Potential Energy Functions	University of Nicosia Medical School	Researcher/Author

5	2018-2023	Spectroscopically Accurate Potential Energy Function for the Ground Electronic State of Diatomic Fluorine	University of Nicosia Medical School	Researcher/Co-author
6	2023	A Comprehensive Database of Potential Energy Functions for Diatomic Molecules	University of Nicosia Medical School	Researcher/Author
7	2020-2023	Direct-Potential-Fit Analysis of the B and X Electronic States of Diatomic Chlorine	University of Nicosia Medical School	Researcher/Co-author
8	2006	The Potential Energy Function of the Ground Electronic State of the Cesium Dimer	Natural Sciences and Engineering Research Council (NSERC) of Canada, Visiting Researcher Fellowship	Researcher/Co-author
9	2006-2008	Degradation of Anthropogenic and Biogenic Molecules in the Troposphere and Planetary Climatic Changes	Cyprus Research Promotion Foundation	Researcher/Collaborator
10	2005-2008	Epidemiological study of the proportion of obesity and overweight in Cyprus, and determination of the eating habits of the Cypriot citizen	Cyprus Research Promotion Foundation	Scientific Coordinator

*\*Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

**Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.  
List the five (5) more recent (Optional Entry)**

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1				
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4				

**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.  
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Awarded by:
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**Other Achievements. List the five (5) more recent and other five (5) selected.  
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Key Activities:
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