



## Academic Personnel Short Profile / Short CV

<b>University:</b>	Frederick University
<b>Surname:</b>	Papaphilippou
<b>Name:</b>	Petri
<b>Rank/Position:</b>	Lab assistant
<b>School:</b>	Health Sciences
<b>Department:</b>	Pharmacy
<b>Scientific Domain:</b>	Chemistry

### Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD in Mechanical and Manufacturing Engineering	2011	University of Cyprus	Department of Mechanical and Manufacturing Engineering	"Synthesis, Characterization and Applications of Novel Magneto-responsive and pH-Responsive Polymer-based Materials".
MSc in Chemistry	2006	University of Cyprus	Department of Chemistry	<i>"Structural study and vanadium reactivity V(IV/V) with biologically phenolate ligands"</i>
BSc in Chemistry	2003	University of Cyprus	Department of Chemistry	<i>"Synthesis and characterization of polyoxometallate compounds"</i>

### Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position
From	To			
October 2017	Until today	Frederick University	Nicosia/Cyprus	Lab assistant
December 2013	March 2015	University of Cyprus	Nicosia/Cyprus	Post-Doctoral Research Associate

February 2011	April 2013	University of Cyprus	Nicosia/Cyprus	Post-Doctoral Research Associate
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<b>Key refereed journal papers, monographs, books, conference publications etc.</b>						
<b>Ref. Number</b>	<b>Year</b>	<b>Title</b>	<b>Other authors</b>	<b>Journal and Publisher / Conference</b>	<b>Vol.</b>	<b>Pages</b>
1	2015	“Evaluation of novel, pH-responsive electrospun microfibrinous membranes as adsorbents in bacteria removal”	Vyrides I., Krasia-Christoforou T.	RSC Advances	5	67617
2	2014	“PVP-crosslinked electrospun membranes with embedded Pd and Cu <sub>2</sub> O nanoparticles as effective heterogeneous catalytic supports”	Savva I., Kalogirou A.S., Chatzinicolaou A., Pantelidou A., Vasile E., Vasile E., Koutentis P.A., Krasia-Christoforou T.	RSC Advances	4	44911
3	2013	“Treatment of olive mill effluent by solar-Fenton and recovery of the high added value phenolic compounds by solvent extraction”	Yianapas C., Politi M., Daskalaki V., Kalogerakis N., Mantzavinos D., Fatta-Kassinou D.	Chemical Engineering Journal	224	82
4	2013	“Structural and electron paramagnetic resonance (EPR) characterization of novel vanadium(V/IV) complexes with hydroquinonate-iminodiacetate ligands exhibiting “noninnocent” activity”	Drouza C., Stylianou M., and Keramidas A. D	Pure and Applied Chemistry	85(2)	329
5	2012	“Multi-responsive hydrogels capable of responding to changes in pH, Temperature and Magnetic Field: Synthesis, Characterization and Evaluation of their ability for Controlled Uptake and	Christodoulou M., Vekas L., Taculescu A., Chrysafis K., Marinica O., Krasia-Christoforou T.	ACS Applied Materials and Interfaces	4(4)	2139

Release of Solutes”						
6	2011	“Synthesis and Characterization of Water-Dispersible, Superparamagnetic Single-Wall Carbon Nanotubes Decorated with Iron Oxide Nanoparticles and Well-Defined Chelating Diblock Copolymers”	Rodica T., Krasia-Christoforou	Polymer Science Part B: Polymer Physics	49(19)	1389
7	2011	“Fabrication and characterization of superparamagnetic co-networks based on oleic acid coated Fe <sub>3</sub> O <sub>4</sub> nanoparticles, hexa(ethylene glycol) methyl ether methacrylate and 2-(acetoacetoxy) ether methacrylate”	Pourgouris A., Marinica O., Taculescu A., Athanasopoulos G. I., Vekas L, Krasia-Christoforou T.	Journal of Magnetism and Magnetic Materials	323(5)	
8	2009	“Superparamagnetic hybrid materials based on iron oxide nanoparticles and well-defined diblock copolymers possessing β-ketoester functionalities”	Loizou L., Popa N. C, Han A., Vekas L., Odysseos A., Krasia-Christoforou T.	Biomacromolecules	10(9)	2662

Exhibitions					
Ref. Number	Date	Topic	International / Local	Location	Role in Exhibition
1	April 2017	“Electrospun polymer-based fibrous membranes as adsorbents for bacteria and organic compounds removal from water contaminated media”	International	Nicosia/Cyprus	Oral Presentation
2	September 2014	“Electrospun, pH-responsive microfibrillar membranes as adsorbents for bacteria removal	International	Crete/Greece	Oral Presentation

		from contaminated aqueous solutions”			
3	June 2012	“Treatment of olive mill effluent by solar-Fenton and recovery of the high added value phenolic compounds by solvent extraction”	International	Oporto, Portugal	Poster Presentation
4	June 2012	“Coagulation-flocculation for the chemical treatment for the olive mill effluent and recovery of the high added value phenolic compounds from the effluent by using solvent extraction”	International	Santarem, Portugal	Oral Presentation
5	February 2011	“Synthesis and characterization of magnetoresponsive and thermoresponsive micellar nanohybrids”	Workshop/Local	Nicosia, Cyprus	Oral Presentation
6	July 2010	“Diblock copolymers based on PEGMA and DEAEMA functionalities: Synthesis, characterization and investigation of their ability to act as drug delivery systems”	International	Glasgow, UK	Poster Presentation
7	October 2010	“Synthesis and characterization of novel magneto-responsive and thermoresponsive polymer co-networks”	International	Iasi, Romania	Oral Presentation
8	March 2009	“Superparamagnetic hybrid materials based on iron oxide nanoparticles and well-defined diblock copolymers possessing beta-ketoester groups”	International	Tours, France	Poster Presentation
9	June 2008	“Novel, ligating block copolymers as stabilizers for magnetic nanoparticles in aqueous solution”	International	Halkidiki, Greece	Poster Presentation
10	September 2007	“Block Copolymers based on Poly(ethylene glycol methacrylate) and 2-acetoxy ethyl methacrylate as stabilizers of magnetite particles in	Workshop/International	St-Etienne, France	Poster Presentation

aqueous solution”

Research Projects				
Ref. Number	Date	Title	Funded by	Project Role
1	12/2013-03/2015	University of Cyprus Grant "New Researchers"	University of Cyprus	Post-doctoral associate fellow
2	10/2014-10/2018	Multifunctional Nanoparticles for Magnetic Hyperthermia and Indirect Radiation Therapy (RADIOMAG). COST-TD1402.	COST	MC member
3	02/2011-02/2013	<i>“Sustainable management of agro-industrial wastes: Valorization and solar-Fenton post-treatment of olive mill effluents (OME)”</i> . SOLIVAL-AEIFORIA/FISI/ 0609(BE)/12	Research Promotion Foundation	Post-doctoral associate fellow
4	02/2011-12/2011	<i>“Fate, effect and removal potential of xenobiotics present in aqueous matrices”</i> .	Research Promotion Foundation	Post-doctoral associate fellow
5	12/2012-04/2013	<i>“Mediterranean Cooperation in the Treatment and Valorisation of Olive Mill Wastewater (OMW)”</i> . MEDOLICO-ENPI -I-B/2.1/090	ENPI	Post-doctoral associate fellow
6	02/2008-05/2010	<i>“Nano-Actuators and Nano-Sensors for Medical Applications”</i> .  NANOMA – FP7-ICT-2007-2	FP7	Special Scientist
7	02/2008-02/2010	<i>“Block copolymers as stabilizers for magnetic nanoparticles: Synthesis and characterization”</i> .  Cyprus-Romania bilateral collaboration	Research Promotion Foundation	Special Scientist

		program funded by the Cyprus and Romania Research Promotion Foundations, CY-ROM/0407/09		
8	02/2005-02/2006	<p>“Catalytically activation of CO<sub>2</sub> with inorganic polymer complexes of oxidation/reduction ligands”.</p> <p>«PENEK-ENTAXI», «MEDA», ENTAX/0504/8</p>	Research Promotion Foundation	New Researcher

Awards / International Recognition			
Ref. Number	Date	Title	Awarded by:
1	October 2010	<i>Diploma for Best Open Lecture of a Junior Researcher.</i>	6 <sup>th</sup> International Conference on Electrical & Power Engineering, Iasi, ROMANIA.