

1. INTERNAL FUNDING

Internal Research Programmes

The following research programs have been funded internally by the University.

1. **“Functional Nano-materials and Hybrid Opto-electronic Devices”**, Duration: Oct 08 – Sept 11; **Funding: €75,000**; primary researchers: N. Angastiniotis (Coordinator), S. Choulis, G. Constantinides.
2. **“Advanced absorber coatings for parabolic trough collectors”**, Duration: 2008-2011; **Funding: €75,000**; primary researchers: S. Kalogirou (coordinator), P. Kelires.
3. **“Design, modeling and development of ultraperformant nanostructured multimaterials by combining ceramics and metals with carbons”**, Duration: Oct 08 – Sept 11; **Funding: €130,000**; primary researchers: P. Kelires (coordinator), G. Constantinides, T. Georgiades.
4. **“Optimization of inkjet printed organic solar cells”**, Duration: Oct 08 – Sept 11; **Funding: €126,000**; primary researcher: S. A. Choulis.

Start-up Funding

1. **A. Anayiotos start-up grant - Experimental and Theoretical Methods in Cardiovascular Modeling**
 - Amount granted: €85,000
 - Sponsor: Cyprus University of Technology
 - Duration: 2007-2008
2. **G. Constantinides start-up grant - Micromechanics of Surfaces and Interfaces**
 - Amount granted: €85,000
 - Sponsor: Cyprus University of Technology
 - Duration: June 08 – Dec 11
3. **S. A. Choulis start-up grant - Organic Photovoltaics**
 - Amount granted: €85,000
 - Sponsor: Cyprus University of Technology
 - Duration: 2008-2009
4. **A. V. Georgiades start-up grant – Micromechanical modeling of smart composites and nanocomposites**
 - Amount granted: €85,000
 - Sponsor: Cyprus University of Technology
 - Duration: 2007-2011
5. **Savvas G. Loizou start-up grant - Networked Robots and Robotic Systems for Underwater Operations**
 - Amount granted: €40,000
 - Sponsor: Cyprus University of Technology
 - Duration: 2011-2013

6. Panagiotis E. Keivanidis start-up grant – Electrooptical characterization of photoelectronic devices

- New faculty member since 01/09/2014, application to be submitted by 01/12/14
- Amount to be granted, if application is successful: €40,000
- Sponsor: Cyprus University of Technology
- Duration: 2015-2017

7. P. Kelires start-up grant - Computational and Simulational Materials Science

- Amount granted: €85,000
- Sponsor: Cyprus University of Technology
- Duration: 2007-2008

EXTERNAL FUNDING**By European Union**

	Title	Acronym/ Funding program	Academics involved	Start/End dates	Budget
1	Building-integrated fibre-reinforced solar technology	Bfirst / FP7-COOPERATION	Soteris Kalogirou, Tasos Georgiades, Georgios Florides	2012 - 2016	507,040.00
2	Development of a multichannel in vivo flow cytometer for the dynamic monitoring of circulating cells	MIVFC / FP7 - PEOPLE	Andreas Anayiotos	2010 – 2012	50,000.00
3	This is In	Inter-regional Cyprus- Greece	Nicos Angastiniotis	2006 – 2008	93,000.00
4	Moving from Inspection to Domestic Advice by Service Companies	MOVIDA / CIP - IEE	Ioannis Michaelides, Polyvios Eleftheriou	2011 – 2014	91,456.00

5	Printed Logic for Applications of Screen Matrix Activation Systems	PLASMAS / FP7-COOPERATION	Stelios Choulis	2013-2015	490,000.00
6	nZEB training in the Southern EU countries – Maintaining building tradition	SouthZeb / FP7-CIP	Polyvios Eleftheriou	2014 - 2017	159,104.00
7	Stable Next-Generation Photovoltaics: Unraveling degradation mechanisms of Organic Solar Cells by complementary characterization techniques	StableNextSol	Stelios Choulis	2014 - 2018	Travel funds
TOTAL					1,390,600

By Research Promotion Foundation

	Title	Acronym/ Funding program	Academics involved	Start/End dates	Budget
1	Molecular Electronics and Photonics	MEP / RPF	Stelios Choulis, Georgios Constantinides, Polyvios Eleftheriou, Andreas Stathopoulos, Konstantinos Christodoulou, Vassilis Messaritis, Giorgos Florides, Giorgos Katodrytis	2010 - 2014	1,692,868.00
2	Research Unit for Nanostructured Materials Systems	NANOMATERIALS / RPF	Pantelis Keliris, Anastasios Georgiades, Georgios Constantinides, Soteris Kalogirou, Ioannis Michaelides,	2010 - 2014	1,671,300.00

			Ioannis Aggeli		
3	An autonomous underwater robotic visual inspection system for Cyprus' offshore aquaculture industry	AQUABOT / RPF	Savvas Loizou, Dimitrios Skarlatos	2013 - 2015	136,832.00
4	Theory and simulation of silicon and germanium nanocrystals embedded in dielectric amorphous matrix.	SILICA / RPF	Pantelis Keliris	2008 - 2011	134,848.00
5	Restoration of polluted by petroleum products areas of Cyprus; pilot study in Larnaca area.	OIL / RPF	Polyvios Eleftheriou	2008 - 2011	109,737.00
6	Medical Diagnosis Support Tool for Detailed Morphology and Hemodynamic Assessment of the Carotid Bifurcation at Different Head Postures	CAROTID / RPF	Andreas Anayiotos	2011 - 2013	92,444.00
7	Regulated	GREENHOUS E / RPF	Nicos Angastiniotis	2011 - 2013	88,280.00

	Transparent Insulation for Greenhouse Covers Through the Use of Tailor-made Bimodal Nanoparticle Formations				
8	Implanted Coronary Artery Stents Crack and Corrode: A Structural Integrity and Tissue Inflammation Analysis	STENTS / RPF	Andreas Anayiotos	2010 - 2013	85,296.00
9	Investigation and determination of the geothermal parameters of the lithologies in Cyprus, for the compilation of the geothermal map of the island	LITHOLOGY / RPF	George Florides, Pavlos Christodoulides, Vassilis Messaritis	2012 - 2014	75,080.00
10	Pre-clinical drug development of TR4 for the treatment of human carcinomas	TrojanDrug / RPF	Andreas Anayiotos	2013 - 2015	69,960.00
11	Development of a test method for thermosiphon operated solar collectors	THERMOSYPHON / RPF	Soteris Kalogirou	2012 - 2014	69,666.00

12	Design of an Intelligent distributed neurocontrol system.	INTELSYST / RPF	Costas Neocleous	2008 - 2011	62,500.00
13	Novel Abundant Semiconductor Materials for Thin Film Photovoltaics	SOLARCELL / RPF	Nicos Angastiniotis	2011 - 2013	60,940.00
14	Biocorrosion and Biomechanical Analysis of Explant Devices	ΔΙΕΘΝΗ/ΣΤΟΧΟΣ/0308/04	Andreas Anayiotos, University of Alabama	2008-2010	50,000.00
15	Classification of Buildings in Cyprus based on their energy performance.	BUILD / RPF	Soteris Kalogirou	2008 - 2010	49,200.00
16	Modeling Gas-phase Transport Processes in Nanostructured Material Systems	Gas-phase / RPF	Pantelis Keliris, Georgios Constantinides	2011 - 2012	47,988.00
17	Establishing the Energy Losses of the Typical Cypriot Residence, a Pilot Study	ENERGY / RPF	Polyvios Eleftheriou	2011 - 2013	41,930.00
18	Accelerating FSI solvers using general purpose graphical processing units	GPGPUS / RPF	Andreas Anayiotos	2011 - 2014	12,600.00

19	Industrial Research for the development of an innovative steel water container with internal polymeric coating using the method of rotational casting	Θερμοδοχείο / RPF	Ioannis Michaelides, Polyvios Eleftheriou	2008 - 2010	12,000.00
20	Generalized fuzzy logic system for the realistic simulation of complex dynamical systems.	ΑΓΧ-Χάρτης / RPF	Costas Neocleous	2009 - 2012	6,618.00
21	The fluidity of blood at different levels of oxygen content	Hemodel2 / RPF	Andreas Anayiotos	2012 - 2014	2,760.00
22	A Multidisciplinary Approach for Investigating Selective Attention	SELAT / RPF	Costas Neocleous	2008 - 2011	1,328.00
TOTAL					4,574,175.00

Other

	Title	Acronym/ Funding program	Academics involved	Start/End dates	Budget
1	Building Integration of Solar Thermal	BISTS / COST	Soteris Kalogirou	2013 - 2018	645,000.00

	Systems				
2	Organic Electronics & Applications	OREA / Erasmus Multilateral Projects - Knowledge Alliances	Stelios Choulis	2013 - 2015	25,999.00
3	This Is In	Interregional Cyprus-Greece Programs	Nicos Angastiniotis	2006 - 2008	93,000.00
	TOTAL				763,999.00
TOTAL FUNDING (INTERNAL and EXTERNAL) : ~ € 7.6 M					