

PERSONAL INFORMATION **PORTAN DIANA-HORTENSIA****APPLIED FOR POSITION** **Researcher Grade III, CCAMF, Tg. Mures, Romania****WORK EXPERIENCE**

08/03/2012 - Present

Fellow Researcher

Division of Applied Mechanics, Technology of Materials and Biomechanics, Dept. of Mechanical Eng. and Aeronautics, University of Patras, Panepistimioupoli, 265 00 Patras, Greece

Website: <https://www.upatras.gr/en/node/125>

Activities: research, teaching, final years thesis co-supervision

01/03/2020-30/06/2020

Lecturer

Department of Food Science and Technology, University of Peloponnesse, Erythroy Stavroy 28 & Karyotaki, 22131, Tripolis, Greece

Website: <http://fst.uop.gr/index.php/en/>

Activities: teaching and laboratory

EDUCATION AND TRAINING

10/2016

DOCTORAL DEGREE

Title: 'Synthesis, Characterization and Modelling of Interphases created between Titanium Dioxide Nanotubes and Various Layers in Biological, Physical and Mechanical Systems'

Scholarship offered by IKY (Greek State Scholarships Foundation, February 2013 - February 2016)

Institution: **Dept. of Mechanical Engineering and Aeronautics, University of Patras, Greece**

12/2011

DOCTORAL DEGREE

Title: 'Theoretical and Experimental Studies on the Manufacturing, Biocompatibility and Modelling of TiO₂ Nanotubes'

POSDRU Scholarship offered by the Romanian Ministry of Education (2008-2011)

Institution: **Faculty of Applied Chemistry and Materials Science, University Politehnica of Bucharest, Romania**

9/2007

MASTER DEGREE

Master program: Biocompatible Substances, Materials and Systems

Title: 'Effect of Electromagnetic Radiation on the Physical and Mechanical Ageing of Pure and ZnO – Reinforced Silicones Applied to Prosthetic Face Surgery'

Institution: **Faculty of Applied Chemistry and Materials Science, University Politehnica of Bucharest, Romania**

6/2007

BACHELOR'S DEGREE

Title: 'Microbiology of E. coli'

Institution: **Ecology and Environmental Sciences Department, University of Bucharest, Romania**

7/2004

HIGH SCHOOL DEGREE

Institution: **Bilingual High school graduation, 'Miguel de Cervantes Saavedra', Section of Mathematics-Informatics**

PERSONAL SKILLS

Mother tongue(s)

ROMANIAN

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Greek	C1	C1	C1	C1	C1
Spanish	B2	B1	B1	B1	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication &
Organisational Skills

Good communication skills for international scientific meetings gained as a General Secretary of several Hellenic and International Scientific Conferences

ADDITIONAL
INFORMATION

Courses

- **'Biochemistry'** course, Department of Food Science and Technology, University of Peloponnese, Teaching language: Greek (Starting date: 1st of March 2020 - Present)
- Teaching Assistant in **'Rehabilitation Engineering'** for the International MSc of Biomedical Engineering at the University of Patras (Starting date: 1st of March 2020 - Present), Teaching language: English
- Teaching assistant in **'Polymers & Composites'**, Dept. of Mechanical Eng. and Aeronautics, University of Patras, Undergraduate course, Teaching language: Greek (Period: 2015 - Present),
- Forthcoming course: **'Biomechanics'**, Division of Applied Mechanics, Technology of Materials and Biomechanics, University of Patras, Undergraduate course (Starting date: 1st of October 2020 for the autumn-winter semester), Teaching language: Greek
- Forthcoming course: **'Biomaterials'**, Division of Applied Mechanics, Technology of Materials and Biomechanics, University of Patras, Undergraduate course (Starting date: 1st of October 2020 for the autumn-winter semester), Teaching language: Greek

Projects

- Research member in the Operational Program Competitiveness, Entrepreneurship and Innovation RESEARCH-CREATE-INNOVATE (**T2EAK-03847**) 'Design and development of a novel food supplement for osteoporosis based on gut microbiome mechanisms. Efficacy and tolerability assessment', FORTH/ICE-HT, Greece, Starting date: September 2020
- November-December 2017 (two weeks), Mobility projects for young researchers in the Diaspora given through competition by the Executive Unit for High Education Funding, Research Development and Innovation of Romania, Acronym: PN-III-P1-1.1-MCT-2017-0047 (**BIOMEDETI**), Mobility at the University Politehnica of Bucharest as Independent Researcher, Bucharest, Romania

- November-December 2016 (one month), Mobility projects for young researchers in the Diaspora given through competition by the Executive Unit for High Education Funding, Research Development and Innovation of Romania, Acronym: PN-III-P1-1.1-MCT-2016-0042 (**NanoBio Comp**), Mobility as Independent Researcher at the University Petru Maior of Tg Mures and at CCAMF Tg Mures. Romania
- Research member, PED PN-III-P2-2.1-PED-2016-0142 'Optimized technologies of Electrochemical Anodization for the development of TiO₂ nanotubes based nanostructured coatings on complex geometries of biomedical implants' – **NanoBio EA**", 1 of March 2017- 30th June 2018
- Research member, Development of a self-healing composite material and innovative techniques for structural health monitoring in aerospace applications, Acronym: **S.H.Com&S.H.Mon**, ESPA 2014-2020, Greece
- Research member, Nanostructured Geopolymers and Calcium Phosphate based biocements and implants design, Acronym: **NANO.GEO.S.CA.PHO.L.D**, ESPA 2014-2020, Greece <http://excellence.minedu.gov.gr/thales/en/thalesprojects/379380>

Work Experience

- 2021** Secretary General, International Conference on Structural Analysis of Advanced Materials, ICSAAM, to be held on 4th -8th of September 2021, Zakynthos, Greece
- 2019** Secretary General, International Conference on Structural Analysis of Advanced Materials, ICSAAM, 12-15 September 2019, Ischia, Italy
- 2013** Secretary General, International Conference on Structural Analysis of Advanced Materials, ICSAAM, 23 - 26 September 2013, Kipriotis Village Resort, Island of Kos, Greece.
- 2011** Member of the Local Organizing Committee, International Conference on Structural Analysis of Advanced Materials, ICSAAM, September 7-10, 2011, Bucharest Romania.
- 2010**
- Member of the Organizing Committee, Duracosys 2010, 9th International Conference on Durability of Composite Systems, 12-15 September 2010, Patras, Greece.
 - General Secretary of the Organizing Committee, THERMA 2010 4TH National Conference on Thermal Analysis, 23-24 October, 2010, Patras, Greece.

Students supervision

- Co-supervision for 12 final year theses
- Co-supervision for 2 master theses
- Supervision of over 20 ERASMUS students and teaching staff coming from Romania, during their stage in Greece

Distinctions & Awards

- Award/prize of Thomaidio (NTUA) for the work: Papanicolaou, G. C., Charitidis, C. A., **Portan, D. V.**, Perivoliotis, D. K., & Koklioti, M. A. (2014). Investigation of nanomechanical properties of multilayered hybrid nanocomposites. *Meccanica*, 49(11), 2645-2655.
- Bica Cristina Ioana, Feier Andrei, Strnad Gabriela, **Portan Diana** (presenter), Manu Ramona Doina, Dobreanu Minodora, Russu Octav, Petrovan Cecilia - Titanium based Nanostructured Surfaces for Biomedical Implants, Bioremed 2017, Timisoara, Romania, BEST POSTER PRESENTATION
- Elected Member of the Board of the Greek Society of Biomaterials, 2017-2018
- Elected Member of the Organizing Committee of 28th ESB Conference, Athens 2017
- Invitation to teach at the University of Leoben, *Nanocomposites, Department of Polymer Engineering and Science, April 2013, Leoben, Austria*
- Lecture on *Nanotubes for Advanced Biomedical Applications*, The Hellenic Society of Biomaterials, KAT – General Hospital of Attica, Athens, May 2011.
- Lecture on *Nanotubes for Advanced Biomedical and Technological Applications*, University Lulea-Sweden, December 2010.

Scientific Committees

- European Society of Biomaterials 2017, Athens, Greece
- The 8th International Conference on Structural Analysis of Advanced Materials ICSAAM 2017, Bucharest, Romania
- Forthcoming: The 10th International Conference on Structural Analysis of Advanced Materials ICSAAM 2021

Areas of Expertise

- Biomedical materials
- Human cell cultures on biomaterials
- Interphases in materials and tissues-materials
- Composite Biomimetic Materials

Citations

186 by 153 documents (Scopus)