

CONSTANTINOS HARKOS

PhD Candidate

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📍 Nicosia , Cyprus



EXPERIENCE

Special Scientist

European Research Council Consolidator Grant: Immuno-Predictor Mechanical Biomarkers for Cancer Immunotherapy Prediction

📅 Mar 2020 - Present 📍 University of Cyprus, Cyprus

- Creating Mathematical Models for Oncology Applications.
- Strong Skill in Numerical Methods.
- Processing of Magnetic Resonance Images.
- Data Processing and Visualization.

Teaching

Teaching Assistant at the Department of Mechanical and Manufacturing Engineering

📅 Sep 2019 - June 2022 📍 University of Cyprus, Cyprus

- Vector Mechanics for Engineers, Dynamics
- Solid Mechanics.
- Fluid Mechanics.

Internship

Membrane Distillation for Clean Water Production Electrospinning for Membrane Fabrication

📅 Summer 2018 📍 Texas A&M University, USA

EDUCATION

PhD in Mechanical and Manufacturing Engineering

Mathematical Modeling and Systems Biology Applications in Oncology

📅 Sep 2019 - Present 📍 University of Cyprus, Cyprus

BSc in Mechanical and Manufacturing Engineering

GPA: 8.9

📅 Sep 2015 - June 2019 📍 University of Cyprus, Cyprus

Military Service

📅 2013 - 2015 📍 Cyprus

Highschool Eduations

GPA: 19 7/12

📅 2010 - 2013 📍 Latsia Lycium, Cyprus

LIFE PHILOSOPHY

"What doesn't kills us makes us stronger"

PUBLICATIONS

Inducing Biomechanical Heterogeneity in Brain Tumor Modeling by MR Elastography. Cancers

Harkos, C.; Svensson, S.F.; Emblem, K.E.; Stylianopoulos, T.

📅 2022

Publication URL

Abstract B39: Modulation of Cancer Immunotherapy by the Microbiome: Insights from Computational Analyses of Preclinical Studies. Cancer Immunology Research

Harkos, C.; Hadjigeorgiou, A.; Mishra, A.K.; Morad, G.; Johnson, S.; Ajami, N.J.; Stylianopoulos, T.; Munn, L.L.; Wargo, J.A.; Jain, R.K.

📅 2022

Publication URL

TECHNICAL STRENGTH

Matlab	●●●●●
Comsol	●●●●●
Word	●●●●●
Power Point	●●●●●
Simpleware Scanlp	●●●●●
Excel	●●●●●
LaTeX	●●●●●
Fortran	●●●●●
Python	●●●●●

STRENGTHS

- Hard-working
- Problem Solver
- Engineer
- Technical Enthusiast

LANGUAGES

English	●●●●●
Greek	●●●●●
German	●●●●●

AWARDS

“Evagoras” Scholarships Scheme for prospective PhD students

Department of Mechanical Engineering

 2019-2020  University of Cyprus, Cyprus

Student Representative and Council member

Department of Mechanical Engineering

 2016-2018  University of Cyprus, Cyprus

Third place of Excellence Department of Mechanical Engineering

Katsampa and Christoforou L.L.C

 2018-2019  University of Cyprus, Cyprus

Third place of Excellence Department of Mechanical Engineering

Vassiliko Cement Works Public Company L.T.D.

 2017-2018  University of Cyprus, Cyprus

Third place of Excellence Department of Mechanical Engineering

Cyprus Engineering Stores L.T.D.

 2016-2017  University of Cyprus, Cyprus

Third place of Excellence Department of Mechanical Engineering

Muskita Aluminium Industries L.T.D.

 2015-2016  University of Cyprus, Cyprus

Distinguidhes Performance (Technology Class)

Technical Chamber of Cyprus

 2012-2013  Latsia Lycium, Cyprus

Distinction on every school year

 2007-2013

HOBBIES

 Playing Guitar

 Outdoor Running

TRAINING

Training on Fire Safety

 2018  University of Cyprus, Cyprus

Hazard Awareness

 2018  Texas A&M University, USA

Creating a Discrimination-Free Workplace

 2018  Texas A&M University, USA

Information Security Awareness

 2018  Texas A&M University, USA


Parallel Programing in Modern Fortran

 2017  University of Cyprus, Cyprus

Preparation of Sales Promotion on Mechanical Structures

 2017  University of Cyprus, Cyprus

DRIVING LICENSE

 AM, A1, B1, B, C1, BE, C1E, CE, Στ, H, Z, ⊕

Driving heavy goods vehicles like trucks with trailers

REFERENCES

Upon Request