

# Nikolaos Potiriadis

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## Summary

My choice to pursue the field of biomedical technology was completely conscious, as I was fascinated by engineering science from a young age. The Department of Biomedical Engineering of University of West Attica it met every expectation I had, giving me the opportunity to develop and constantly gain knowledge on a subject that I find extremely interesting. For this reason, after completing my studies, I decided to fully dedicate myself to the field by attempting to obtain a PhD.

## Education

### HIGHER EDUCATION

- Master's degree ( integrated master , level 7).
- Department of Biomedical Engineering , Faculty of Engineering, University of West Attica.
- Study period 2013-2022 (12/07/2022 registration day).
- Grade : " Very Good " 7.06.
- Diploma thesis title: " Detection and identification of radioisotopes via silicon photomultiplier based scintillation detector".
- Written certificate of attendance of nine six-semester courses that fall within the area of IT or computer handling:
  1. Pattern recognition in medicine and biology.
  2. Principles of Computer Programming .
  3. Medical image processing .
  4. Medical signal processing .
  5. Medical IT .
  6. Machine learning .
  7. Programming techniques .
  8. Telemedicine .
  9. Digital communications & computer networks .

### FOREIGN LANGUAGE

- English  
Level C2 (Proficiency)  
University of Michigan  
Year of acquisition : 2011

### PHD CANDIDATE

- Department of Biomedical Engineering , Faculty of Engineering, University of West Attica.  
PhD thesis topic: "Development and evaluation of nuclear medicine detectors compatible for magnetic resonance (MR) imaging".  
Approval date 13/10/2022.

## Participation in conferences

- Attending a two-day course on Neuromechanics at University of West Attica on 30/09/2022 from the National Kapodistrian University of Athens.
- Attending a Conference on the topic: " Advanced Computational Techniques for Oncology : Towards Explainable Artificial Intelligence " on 13/01/2023 at the National Center for Natural Sciences Research " Demokritos".
- Participation with presentation of the "online oral presentation" type at the International Conference on Radiation Applications (RAP) 2023, with title "Spectral matching factor calculations between  $(\text{Gd,Y})_3(\text{Al,Ga})_5\text{O}_{12}$  fluorescent screens of various activators and photodetectors".
- Participation with presentation poster type at the Advances in Biomedical Sciences, Engineering and Technology (ABSET) conference 2023, with title "Detection and identification of radioisotopes via silicon photomultiplier based scintillation detector".

## Skills and capabilities

- Problem solving .
- Creativity .
- Responsibility .
- Flexibility .
- Critical Thinking .
- Teamwork .
- Active hearing .

## Experience

- Teaching assistant in the Biomedical Engineering Semester A course " DC Electricity and Circuit Analysis (Lab)" during the fall semester of 2022-23.

## Additional information

- Level B driver's license.
- Assistance in diploma theses of students of the Department of Biomedical Engineering .

## Personal interests

- Sports, middle distance runner.
- Volunteering.
- Reading literary books.
- Listening to music.
- Movie theater.