

# Dratsiou Ioanna

Research assistant

## Contact information

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**Date of birth** 31/08/1993 | **Nationality** Greek

**Link:** <https://medphys.med.auth.gr>

## WORK EXPERIENCE

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11/2018 - today

### Research assistant

Laboratory of Medical Physics and Digital Innovation

School of Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki

09/2016 – 03/2017

### Internship

Day Care Center for the Elderly and People with Disabilities

Sykes- Neapoli, Thessaloniki

- Cognitive and physical training interventions with the use of Integrated Health Care System LLM Care

03/2015 – 05/2015

### Internship

2nd Primary School of Pylea, Thessaloniki, Greece.

- Lesson planning and delivery
- Implementation of collaborative and project-based learning methods

## EDUCATION

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12/2023-today

### Phd candidate

School of Philosophy and Education, Aristotle University of Thessaloniki

10/2015–03/2018

### Master's degree "Educational Sciences-Learning Technologies"

Aristotle University of Thessaloniki

- Emerging Technologies and Educational Practices
- Intelligent Technologies
- Pedagogical Theories and ICT
- Affective Computing and Learning
- Digital Environments and Virtual Worlds
- Digital Environments and Distance Learning

10/2011–06/2015

### Bachelor's Degree in Primary Education Department

Aristotle University of Thessaloniki

## EDUCATIONAL & PEDAGOGICAL EXPERIENCE

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11 - 12/2022

Training program titled "Education in the use of innovative/digital technologies for improving the quality of life and daily routine of vulnerable populations and individuals with acquired and developmental disorders

**Task:** Presentation and demonstration of the Integrated Health Care System LLM Care and evaluation tools, as well as demonstration of innovative educational programs using Information and Communication Technologies (ICT).

*Laboratory of Medical Physics and Digital Innovation, School of Medicine,  
Aristotle University of Thessaloniki*

01- 02/2022

Collaborative learning through valid pedagogical methodologies and innovative approaches using escape rooms

**Task:** Analysis of results from investigation of pedagogical approaches

*Laboratory of Medical Physics and Digital Innovation, School of Medicine  
Aristotle University of Thessaloniki*

11/2020 - 06/2021

Integrated platform for diagnosis and improvement of symptoms of attention deficit hyperactivity disorder (ADHD)

04-12/2019

**Task:** Pilot testing of diagnosis and interventions for ADHD, activities for utilization and publicity through online content.

*Laboratory of Medical Physics and Digital Innovation, School of Medicine  
Aristotle University of Thessaloniki*

12/2018

Virtual environments and scenario-based learning: Expanding access

**Task:** Customized developments, testing and evaluation. Writing technical guidelines

*Laboratory of Medical Physics and Digital Innovation, School of Medicine  
Aristotle University of Thessaloniki*

04-10/2019

Development of educational activities to improve the aging process of individuals with Down Syndrome.

**Task:** Creation of educational material and translation

*Laboratory of Medical Physics and Digital Innovation, School of Medicine  
Aristotle University of Thessaloniki*

07-09/2019

Training activities for the improvement of the quality of life of people with Down Syndrome.

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**Task:** Pilot application and validation of an electronic educational platform

Laboratory of Medical Physics and Digital Innovation, School of Medicine  
Aristotle University of Thessaloniki

## PERSONAL SKILLS

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Mother tongue Greek

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken Interaction	Spoken production	
English	C2	C2	C2	C2	C2
Certificate in Advanced English – University of Cambridge (Level C1)					
German	B2	B2	B2	B2	B2
Zertifikat Deutsch Zeugnis B2 – Goethe Institut					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

Communication skills

- Coordination - Collaboration in a team
- Empathy

Organisational /managerial skills

- Taking initiative and responsibility
- Consistency and accountability
- Flexibility/adaptability

Job-related skills

- Research
- Composition skills
- Analytical thinking

Digital skills

SELF-ASSESSMEN				
Information processing	Communication	Creation content	Safety	Problem solving
Independent user	Independent user	Basic user	Independent user	Independent user

Other skills

- Diploma in Special Harmony
- Member of a chamber music orchestra playing the flute

Driving licence B

## ADDITIONAL INFORMATION

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### Publications

Pinaka, O., Gioulekas, F., Routa, E., Delliou, A., Stamatiadis, E., Dratsiou, I., ... & Billinis, C. (2022, June). Introducing New Paths towards Public Primary

Healthcare Services in Greece: Efforts for Scaling-Up Mental Healthcare Services Addressed to Older Adults. In *Healthcare* (Vol. 10, No. 7, p. 1230). MDPI.

Dratsiou, I., Varella, A., Romanopoulou, E., Villacañas, O., Cooper, S., Isaris, P., ... & Zurkühlen, A. (2022). Assistive Technologies for Supporting the Wellbeing of Older Adults. *Technologies* 2022, 10, 8.

Romanopoulou, E. D., Zilidou, V. I., Gilou, S., Dratsiou, I., Varella, A., Petronikolou, V., ... & Bamidis, P. D. (2021). Technology Enhanced Health and Social Care for Vulnerable People During the COVID-19 Outbreak. *Frontiers in Human Neuroscience*, 544.

Dratsiou, I., Varella, A., Stathakarou, N., Konstantinidis, S. and Bamidis, P., 2021. Supporting Healthcare Integration of Refugees Exploiting Reusable Learning Objects: The ASPIRE Framework. *Studies in Health Technology and Informatics*, 281, pp.565-569.

Romanopoulou, E., Zilidou, V., Gylou, S., Dratsiou, I., Katsouli, A., Karagianni, M., Petronikolou, V., Varella, A. and Bamidis, P., 2021. Health and Social Care During Coronavirus Outbreak: The Exploitation of Long Lasting Memories-LLM Care. *Studies in Health Technology and Informatics*, 281, pp.694-698.

Dratsiou, I., Metaxa, M., Romanopoulou, E., Dolianiti, F., Spachos, D., & Bamidis, P. D. (2021). Eliminating the gap between the use of assistive technologies and the inclusion of people with intellectual disabilities in leisure activities. *Health Informatics Journal*, 27(2), 14604582211005004.

Siouli S., Dratsiou, I., Stefa, E. & Bamidis P. The effects of creative use of Technology and Drama on primary school students' attitude towards science and science careers. International Conference CASE & GSO4\$CHOOL Conference At: Online, December 1-3, 2020, Norway.

Metaxa M., Dratsiou, I., Romanopoulou, E. & Bamidis (2020). Older adult engagement in user-centered, innovative digital solutions for active and healthy ageing. International conference: EuGMS e-Congress 2020 At: Athens October 7-9, 2020, Thessaloniki, Greece.

Romanopoulou, E., Zilidou, V., Dratsiou, I., Metaxa M., Katsouli, K., Gylou, S., Karagianni, M., Petronikolou, S., & Bamidis (2020). Supporting older adults during the coronavirus outbreak: social initiatives for the LLM Care ecosystem and reference site. International conference: EuGMS e-Congress 2020 At: Athens October 7-9, 2020, Thessaloniki, Greece.

Dratsiou, I., Metaxa M., Romanopoulou, E. & Bamidis (2020). Exploiting Assistive Technologies for People with Down Syndrome: A Multi-dimensional Impact Evaluation Analysis of Educational Feasibility and Usability. Conference: International Conference on Brain Function Assessment in Learning: BFAL 2020: Brain Function Assessment in Learning At: Online, October 5-7, 2020, Irakleio Kritis, Greece.

Metaxa, M., Dolianiti, F., Dratsiou, I., Romanopoulou, E., Spachos, D., Savvidis, T., Zilidou, V., Karagianni, M., & Bamidis, P. (2019) "Co-creating

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innovative tools with and for people with Intellectual Disabilities: The case of DS Leisure e-Training Platform". Proceedings of the OpenLivingLab Days Conference "Co-creating Innovation: Scaling-up from Local to Global", pp.115- 126, September 3-5, 2019, Thessaloniki, Greece.

Ρωμανοπούλου, Ε., Δράτσιου Ι., Ζηλίδου Β., Καραγιάννη, Μ., Σπάχος, Δ., Σαββίδης, Θ., & Μπαμίδης Π. (2019). Ανάπτυξη ψηφιακών παιχνιδιών για ενίσχυση της αυτονομίας και ανεξάρτητης διαβίωσης των ατόμων με Σύνδρομο Down. In Proceedings of the 8th PanHellenic Conference on Biomedical Technology, pp. 86, May 9-10, 2019, Athens, Greece.

Siouli, S., Dratsiou, I., Antoniou, P. & Bamidis, P. (2019). Learning with Educational Robotics through Co-Creative Methodologies. Journal of Interactive Design and Architecture, N.42, pp. 29-49.

Siouli, S., Dratsiou, I., Antoniou, P. & Bamidis, P. (2018). Primary School STEM education through co-creative methodologies. In proceedings of the Workshop on Co-Creation in the Design, Development and Implementation of Technology-Enhanced Learning (CC-TEL), Leeds University.

Antoniou, P., Zilidou, V., Romanopoulou, E., Dratsiou, I., Siouli, S. & Bamidis P. (2018). Exploring Virtual Scenarios 'Efficacy for Facilitator training in Sensitive Groups' Mental and Physical Exercise Regimens. In Proceedings of the Medical Education Informatics (MEI2018), Leeds University.

Antoniou, P., Mpaka, M., Dratsiou, I., Aggeioplasti, K., Tsitouridou, M., & Bamidis, P. (2018). Scoping the Window to the Universe; Design Considerations and Expert Evaluation of an Augmented Reality Mobile Application for Astronomy Education. In book: Interactive Mobile Communication Technologies and Learning, Thessaloniki, Greece.

Siouli, S., Dratsiou, I., Tsitouridou, M., Kartsidis, P., Spachos, D. & Bamidis, P. (2017). Evaluating the AffectLecture Mobile App within an Elementary School Class Teaching Process. In Proceedings of the Computer-Based Medical Systems (CBMS), 2017 IEEE 30th International Symposium, pp.481-485, Thessaloniki, Greece.

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## CERTIFICATIONS

4/2020	Modern educational techniques in a digital environment" at the Balkan Center for Business Development in Thessaloniki, (100-hours)
10/2018	Lego Mindstorms Education EV3 - Introduction, Eduk8, Thessaloniki, (8 hours)
10/2016-1/2017	Adult Education: Theoretical Approaches and Experiential Activities, National and Kapodistrian University of Athens, (180 hours)
12/2016	Training in the Integrated Health Care System Long Lasting Memories Care (LLM Care), Aristotle University of Thessaloniki (8 hours)