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IOANNA (YIANNA) DANIDOU

Date of birth: 30/12/1983 | **Place of birth:** Limassol, Cyprus | **Nationality:** Cypriot, Greek | **Gender:** Female | **Phone:** (+357) 99491489 (Mobile) | **Email address:** yianna.danidou@cut.ac.cy | **Website:** https://www.cut.ac.cy/faculties/comm/cis/staff/yianna.danidou/?languageId=1 | **LinkedIn:** https://www.linkedin.com/in/yianna-danidou-a4545783/ | **Address:** 4, POSEIDONOS STR., AGIOS ANDREAS, 1100, NICOSIA, Cyprus (Home)

WORK EXPERIENCE

01/07/2026 - CURRENT - LIMASSOL, CYPRUS

ASSISTANT PROFESSOR IN CYBERSECURITY CYPRUS UNIVERSITY OF TECHNOLOGY

01/09/2025 - 30/06/2026 - NICOSIA, CYPRUS

CHAIR OF THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING EUROPEAN UNIVERSITY CYPRUS

01/07/2023 - 30/06/2026 - NICOSIA, CYPRUS

ASSISTANT PROFESSOR IN CYBERSECURITY EUROPEAN UNIVERSITY CYPRUS, NICOSIA (CYPRUS)

Assistant Professor in Cybersecurity and
Programme Coordinator for Master in Cybersecurity (conventional and eLearning)

04/02/2019 - 30/06/2023 - NICOSIA, CYPRUS

LECTURER IN CYBERSECURITY EUROPEAN UNIVERSITY CYPRUS, NICOSIA (CYPRUS)

Lecturer in Cybersecurity and
Programme Coordinator for Master in Cybersecurity (conventional and eLearning)

01/09/2021 - 30/06/2026 - NICOSIA, CYPRUS

DIRECTOR CYBER.EUC

01/12/2015 - 30/06/2026 - NICOSIA, CYPRUS

RESEARCH ASSOCIATE CENTRE OF EXCELLENCE IN RISK & DECISION SCIENCES (CERIDES)

01/09/2014 - 03/02/2019 - NICOSIA, CYPRUS

SCIENTIFIC COLLABORATOR EUROPEAN UNIVERSITY OF CYPRUS (EUC)

01/09/2018 - 31/12/2018 - NICOSIA, CYPRUS

ADJUNCT FACULTY (TUTORS) OPEN UNIVERSITY OF CYPRUS, NICOSIA (CYPRUS)

Teaching online course module related to Management Information Systems

01/09/2016 - 01/02/2019 - NICOSIA, CYPRUS

ASSISTANT PROFESSOR AMERICAN COLLEGE (AC)

01/09/2015 - 01/09/2016 - NICOSIA, CYPRUS

LECTURER AMERICAN COLLEGE (AC)

01/09/2008 - 31/08/2014 - NICOSIA, CYPRUS

LECTURER AND HEAD OF COMPUTER SCIENCE DEPARTMENT AMERICAN COLLEGE (AC)

- Lecturing at all levels of the academic programmes of Computer Science and MIS in the School, using the available educational technologies.
- Developing instructional materials.
- Creation, update and maintenance of instructional web page for students' access.
- Contributed in achieving the academic objectives in the School through teaching, research and income generating activities.
- Submitted proposal in the Research Promotion Foundation.
- Managed the department by evaluating all lecturers, advising students individually, keeping records for the department, adhering quality assurance and improving the courses to ensure high standards.
- Performed tasks related to the introduction, improvement and development of the current programs of study and/or proposals for new programs of study, based on defined standards.
- Provided advices towards students on progression and career opportunities.
- Provided office hours per week to offer student academic advice and establish professional atmosphere to encourage students to freely communicate and exchange ideas.
- Prepared course syllabi and outlines for the classes taught.
- Contributed to the development of the School's commercial activities, including consultancy and training.
- Research in the relevant areas of expertise.
- Attended various college committees (i.e. Academic Committee, Research Committee, Faculty committee).
- Expand contact cycle with industry/employers and other external organizations.

01/09/2007 - 31/08/2008 - NICOSIA, CYPRUS

COMPUTER SCIENCE TEACHER PASCAL EDUCATION

- Teaching all levels of ECDL and ECDL Advanced;
- Preparation for the Pancyprian examinations in Computing (Παγκύπριες Εξετάσεις Πληροφορικής), teaching PASCAL programming language.
- Also taught GCE and IGCSE of ICT.

07/2002 - 09/2002 - NICOSIA, CYPRUS

COMPUTER ASSISTANT CYPRIALIFE INSURANCE COMPANY

- loan calculations,
- database input and management,
- preparation of reports for a group of client accounts.

01/12/2006 - 31/08/2007 - NICOSIA, CYPRUS

BUSINESS APPLICATION ANALYST ONSET SOLUTIONS LTD

EDUCATION & TRAINING

30/12/2023 - Current - UNITED KINGDOM

FELLOWSHIP - ADVANCEHE

Field(s) of study: Education | **Website:** https://www.advance-he.ac.uk/

28/04/2021 - 21/07/2021

CERTIFICATE IN UNIVERSITY OF OXFORD ARTIFICIAL INTELLIGENCE PROGRAMME - UNIVERSITY OF OXFORD - SAÏD BUSINESS SCHOOL

05/2019 - 07/2019 - UNITED STATES

CERTIFICATE IN CYBERSECURITY: MANAGING RISK IN THE INFORMATION AGE- HARVARDX (UNITED STATES)

2007 - 2016 - EDINBURGH, UNITED KINGDOM

PHD IN LAW AND IT- UNIVERSITY OF EDINBURGH

2005 - 2006 - UNITED KINGDOM

M.SC. IN ADVANCED COMPUTING – INTERNET TECHNOLOGIES- UNIVERSITY OF BRISTOL

2001 - 2005 - NICOSIA, CYPRUS

BACHELOR OF SCIENCE, COMPUTER SCIENCE- UNIVERSITY OF CYPRUS

HONOURS AND AWARDS

20/05/2024 European University Cyprus

Best Teaching Award 2024 Awarded the "Best Teaching Award 2024" for excellence in education, recognized by peers through a rigorous examination process for outstanding teaching methods and student engagement.
Link

https://euc.ac.cy/en/annual-awards-for-excellence-in-research-may24/?_gl=1*1ge8mg4*_up*MQ..*_ga*MTY0MjUzOTE4OS4xNzE3MDU4NTQx*_ga_99G0G2Y74G*MTcxNzA1ODU0MS4xLjAuMTcxNzA1ODU0MS4wLjAuMA..

LANGUAGE SKILLS

Mother tongue(s): **GREEK**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	A1	A1	A1	A1	A1

SKILLS

Microsoft Office | Programming language C, C++ | Zoom | Skype | Social Media | Google Drive

NETWORKS AND MEMBERSHIPS

- Member of the Scientific Advisory board of ETEK for 2024-2026 “Current technologies, ICT, AI, Blockchain, cloud computing”
- Member of the Academic committee of the National Cybersecurity Community for Cybersecurity (NCC-CY)
- Member of the 3CE (Cyprus Cybercrime Center of Excellence)
- Member of the National Cybersecurity Strategy of Cyprus for a safe internet for children "Εθνικής Στρατηγικής για ένα καλύτερο διαδίκτυο για τα παιδιά στην Κύπρο"
- Member of the Cybersafety project consortium: "Στρατηγική Κυβερνοασφάλειας Δράση 14 Συμβουλευτική Επιτροπή του έργου Cybersafety"
- Member of the academic committee for the National Maritime Cybersecurity project coordinated by OCECPR
- Judging committee for the Cybersecurity awards 2022, and 2023 in Greece held by Boussias

Professional memberships 2018 - Today

Member of (ISC)2 Cyprus Chapter

2017 - Today

Advisory Board of the Cyprus Cyber Security Challenge

2006 – Today

Cyprus Computer Society (CCS)

2010 – Today

Cyprus Scientific and Technical Chamber (ETEK)

24/01/2024 - CURRENT Cyprus

Member of the National Coordination Center - CY (Academic member) / Εθνικό Κέντρο Συντονισμού Κυβερνοασφάλειας της Κύπρου Write here the description...

CONFERENCES & SEMINARS

- Presentation at REDA 2023, on ChatGPT a life changing phenomenon with cyber-security implications, 05/05/2023, Nicosia, Cyprus
- Presentation at REDA 2019, on Cybersecurity and IoT: Aspects to consider while regulating, 22/11/2019, Nicosia, Cyprus
- Presentation at NRF 2019, on EU Risks and Challenges in Cybersecurity, 21/11/2019, Nicosia, Cyprus
- Presentation at the European Commission Representation in Cyprus, in cooperation with the Cyprus Police, at a conference titled "Cybersecurity: Threats and solutions", November 7, 2019.
- Topic: Cybersecurity in the era of Internet of Things (IoT) and Social Media. Presentation under the 3rd European Meeting in Nicosia, Cyprus of the project 4xF for Silver Safety, Omilos Gynaikon Eleftheris Kythreas, November 23, 2017. Topic: Cybercrime and the dangers of the internet, Cyber safety for seniors.
- Presentation at REDA 2017, on the Regulation through code - attempting to address the cybersecurity problem, 17/11/2017, Nicosia, Cyprus.
- Danidou, Y., Dimopoulos, C., Dobrinkova, N., Efstathiou, N., Finnie, T., Galatas, I., Gkotsis, I., Heckel, M., Kostaridis, A., Moutzouris, M., Olunczek, A., Panunzi, S., Psaroudakis, C., Seynaeve, G., Thiraios, M., Tsekeridou, S., Vergeti, D. (2017). Implementation of the IMPRESS project platform in real test case scenarios. Paper presented at the CMDR COE 2017 (CMDR COE ANNUAL CONFERENCE INTERAGENCY INTERACTION IN CRISIS MANAGEMENT AND DISASTER RESPONSE 2017), Sofia, Bulgaria.
- Danidou, I., Dimopoulos, C., Shiakou, L., Boustras, G. (2016). IMPRESS: Καινοτομικό Εργαλείο Διαχείρισης Κρίσεων (in Greek), in SafeEvros 2016 Conference, Alexandroupoli, Greece.
- Danidou, Y., & Schafer, B. (2011). Legal Environments for Digital Trust: Trustmark, Trusted Computing and the Issue of Legal Liability. In S. Mercado Kierkegaard (Ed.), Law across Nations.
- Danidou, Y., & Schafer, B. (2009). In Law We Trust? Trusted Computing and Legal Responsibility for Internet Security. In D. Gritzalis & J. Lopez (Eds.), Emerging Challenges for Security, Privacy and Trust (Vol. 297, pp. 399-409): Springer Boston.
- Danidou, Y. (2007). Legal Implications of Trusted Computing. Paper presented at the Proceedings of the 22nd British and Irish Law, Education and Technology Association (BILETA), Hertfordshire, UK.

- Gavrielides, M., Meletiou-Mavrotheris, M., Paparistodemou, E., ***Danidou, Y.,*** Solomonidou, G., & Hadjithoma, L. (2026). Enhancing teachers' TPACK for data science in STEAM education: Insights from a pilot professional development program in Cyprus. *IASE Conference Proceedings Series*. https://doi.org/10.52041/IASE25.136
- Sánchez, J., Briones, A., Ricci, S., Čegan, J., Chatzopoulou, A., ***Danidou, Y.,*** Menegatos, A., & Corral, G. (2026). A framework for designing and certifying ECSF-aligned cybersecurity training through cyber ranges and virtual learning environments. *International Journal of Information Security 2026 25:2*, *25*(2), 46-. https://doi.org/10.1007/S10207-025-01202-0
- Symeou, L., Louca, L., Kavadella, A., Mackay, J., ***Danidou, Y.,*** & Raffay, V. (2025). Development of Evidence-Based Guidelines for the Integration of Generative AI in University Education Through a Multidisciplinary, Consensus-Based Approach. *European Journal of Dental Education*, *29*(2), 285–303. https://doi.org/10.1111/EJE.13069
- ***Danidou, Y.*** (2025). ChatGPT, a Life-Changing Phenomenon with Cyber-Security Implications. *EU Digital Law*

in the AI Era (pp. 263–291. https://doi.org/10.1007/978-3-031-96743-6_14

- Papachristofis, K., Vardoulias, G., Vavousis, K., Iordanou, C., & ***Danidou, Y.*** (2025). Developing cyber-resistivity maturity and scoring framework (CRMSF) for any size of organization. *International Journal of Information Security 2025 24:6 24*(6), 242-. https://doi.org/10.1007/S10207-025-01154-5
- Meletiou-Mavrotheris, M., Bakogianni, D., ***Danidou, Y.,*** Paparistodemou, E., & Kofteros, A. (2025). Investigating Student Teacher Engagement with Data-Driven AI and Ethical Reasoning in a Graduate-Level Education Course. *Education Sciences 2025, Vol. 15, Page 1179*, *15*(9), 1179. https://doi.org/10.3390/EDUCSCI15091179
- Ricci, S., Parker, S., Jerabek, J., **Danidou, Y.,** Chatzopoulou, A., Badonnel, R., Lendak, I., & Janout, V. (2024). Understanding Cybersecurity Education Gaps in Europe. *IEEE Transactions on Education*, 1–12. https://doi.org/10.1109/TE.2023.3340868
- ***Danidou, Y.,*** Ricci, S., Skarmeta, A., Hosek, J., Zanero, S., & Lendak, I. (2023, August 29). DJM-CYBER: A Joint Master in Advanced Cybersecurity. *ACM International Conference Proceeding Series* . https://doi.org/10.1145/3600160.3605002
- Ricci, S., Sikora, M., Parker, S., Lendak, I., ***Danidou, Y.,*** Chatzopoulou, A., … Alksnys, D. (2022). Job Adverts Analyzer for Cybersecurity Skills Needs Evaluation. *Proceedings of the 17th International Conference on Availability, Reliability and Security*. https://doi.org/10.1145/3538969.3543821the Digital Single Market (pp. 397–416). https://doi.org/10.1007/978-3-030-69583-5_17
- ***Danidou, Y.*** (2021). Opening Pandora's Box: IoT and Cybersecurity Aspects to Consider While Regulating. In EU Internet Law in
- ***Danidou, Y.*** (2020). Trusted Computing Initiative on the Spectrum of EU Cyber-Security Legal Framework. In T.-E. Synodinou, P. Jougleux, C. Markou, & T. Prastitou (Eds.), EU Internet Law in the Digital Era: Regulation and Enforcement (pp. 277–296). https://doi.org/10.1007/978-3-030-25579-4_13
- ***Danidou, Y.,*** Dimopoulos, C., Dobrinkova, N., Efstathiou, N., Finnie, T., Galatas, I., Gkotsis, I., Heckel, M., Kostaridis, A., Moutzouris, M., Olunczek, A., Panunzi, S., Psaroudakis, C., Seynaeve, G., Thiraios, M., Tsekeridou, S., Vergeti, D. (2017). Implementation of the IMPRESS project platform in real test case scenarios. CMDR COE 2017. Sofia, Bulgaria.
- ***Danidou, Y.,*** Mitrou, L., Markou C., Shakou, L., Boustras G., Dimopoulos, C. (2017). OSH , Ethical , legal and data protection issues arising from a technology and development project to improve preparedness and response of health services in major crises. Next Generation Community Policing (NGCP 2017). Retrieved from http://ngcpconference.com/index.html

Seminars given - Provided a number of training and seminars to the community (indicative list):

- Training civil servants into Cybersecurity in collaboration with the Cyprus Academy of Public Administration (CAPA)
- Training offered to seniors on cybersecurity in collaboration with the Digital Security Authority of Cyprus (DSA) - ECSM 2021
- Training offered to IT staff on cybersecurity awareness in collaboration with the Digital Security Authority of Cyprus (DSA) - ECSM 2021

-Presented in Cybersecurity seminar organised by the Ministry of Defence in 2017, with Senior stakeholder of the Public Administration of the Republic of Cyprus.

-Participates actively as a stakeholder in various dimensions with regards to the Cybersecurity strategy in Cyprus.

- In the Cybersecurity Capacity Maturity Model for Nations under Session 2 – Academia, Civil Society Groups, Internet Governance and Media Associations (August 2016 and September 2021)
- Member of the National Cybersecurity Strategy of Cyprus for a safe internet for children "Εθνικής Στρατηγικής για ένα καλύτερο διαδίκτυο για τα παιδιά στην Κύπρο" (2016 – today)
- Member of the Cybersafety project consortium: "Στρατηγική Κυβερνοασφάλειας Δράση 14 Συμβουλευτική Επιτροπή του έργου Cybersafety"

-Participates in the Project titled PROJECT ΠΙ 21/2019 - Developing learning modules for Educating teachers of all tiers in the Republic of Cyprus - Development of Learning module on "Safer use of the Internet" - Ανάπτυξη μαθησιακών ενοτήτων για το Πρόγραμμα Επιμόρφωσης εκπαιδευτικών όλων των βαθμίδων - Ψηφιακή Ικανότητα – Ανάπτυξη ΜΕ02 - "Ασφαλής χρήση του Διαδικτύου", run by the Pedagogical Institute. My contribution was in developing the module material and the delivery of the course.

PROJECTS

Funded research projects AICYROS – 101308739 – European Commission (Horizon Europe – HORIZON-CL3-2025-02-CS-ECCC-01, Research and Innovation Action) – *AI-Driven Cyber Risk Operational Shield* – €449,500.00 – 36 months – From: 10/2026-11/2029

GIRLS2CYBER – KA220-SCH-1386BF53 – Erasmus+ (KA220-SCH Cooperation Partnerships in School Education) – '*Empowering GIRLS Aged 12–15 TO Lead the Future of CYBERsecurity Through an AI-powered Learning Platform and Engaging School and Afternoon Activities*' – €36,985.00 – 24 months – (01/10/2025 – 30/09/2027)

CADMUS – 101190006 – European Commission (Digital Europe Programme – DIGITAL-2023-SKILLS-05 Cybersecurity Skills Academy) – *Cultivating Cybersecurity Defence Expertise with Mindful Readiness and Skills* – €71,272.70 – 36 months – (12/2024 - 11/2027)

CONVERT - 101132732 - Erasmus+ KA2 - Conversion programme to acquire the digital skills needed by forward-looking careers, €899,693, (1/2024 - 12/2026)

DATASETUP - 2023-1-DE01-KA220-HED-000160333 - Erasmus+ KA2 - Promoting Data Science Education for Teacher Education at the University level - 400 000,00 € - (1/2024 - 12/2026)

DataScEd4CiEn - KA220-SCH-28460204 - Erasmus+ KA2 - 'Data Science Education in STEAM for Civic Engagement and Social Justice from the Early Years' - 400 000,00 € - (1/2024 - 5/2026)

DJM-CYBER - 101050263 - Erasmus Mundus - ERASMUS-EDU-2021-EMJM-DESIGN - Designing a Joint Master in Cybersecurity, €55000 (lump sum), (02/2022 - 05/2023)

REWIRE - 621701-EPP-1-2020-1-LT-EPPKA2-SSA-B ERASMUS SECTOR SKILLS ALLIANCES - Cybersecurity Skills Alliance – A New Vision for Europe, €3,968,978, (11/2020 - 10/2024)

GRACE - H2020-SU-SEC-2019 - 883341 - 'Global Response Against Child Exploitation', €6.999.650, (06/2020 - 07/2023)

MEDEA project - H2020 - 787111 - 'Mediterranean practitioners' network capacity building for effective response to emerging security challenges', €3,495,843.75 (06/2018 - 05/2023)

PROJECT ΠΙ 21/2019 - Developing learning modules for Educating teachers of all tiers in the Republic of Cyprus - Developemnt of Learning module on "Safer use of the Internet" - Ανάπτυξη μαθησιακών ενοτήτων για το Πρόγραμμα Επιμόρφωσης εκπαιδευτικών όλων των βαθμίδων - Ψηφιακή Ικανότητα - Ανάπτυξη ΜΕ02 - "Ασφαλής χρήση του Διαδικτύου"

DataPRO-SKILLS - Erasmus - 'Training Resources for Data Protection Officers' (09/2018-08/2020)

SAT-LAW project - DG Echo - 800816 - 'Strategic AssessmenT for LAW and Police Cooperation', €725,710.65, (08/2018-06/2021)

IMPRESS FP7 project - This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 608078.

MELOGIC - 2014/PREP/19 '' An integrated methodological framework for emergency logistics''- 2014 Call for Prep & Prev projects in civil protection and marine pollution, € 654,823 (12/14 – 12/16)

EXPERT EVALUATOR

01/12/2025 - 15/01/2026
Expert Evaluator for the European Commission

Served as an **Expert Evaluator for the European Commission**, assessing proposals submitted under the Horizon Europe call **HORIZON-WIDERA-2025-01 – Widening Participation and Strengthening the European Research Area (WIDERA)**.

RESEARCH INTERESTS

Research Interests

Cybersecurity education, online security and privacy, the interaction between law, science and computer technologies, with emphasis on cybersecurity, cybercrime, forensics and crime prevention, electronic evidences, trust and reliance liability and ethical issues raised by technologies.

TEACHING EXPERIENCE

Teaching experience in Higher Education

Undergraduate courses:

- Introduction to Programming (in C, C++) both in Greek and English
- Programming II (in C++)
- Introduction to Computing
- Computer Applications
- Management Information Systems
- Databases
- Operating Systems
- eCommerce and the Internet, elective course for BSc in Computing and BSc in Information Systems , taught in Spring semester. Individual structuring and teaching material for the course.
- Cybercrime and legal considerations, elective course for BSc in Computing and BSc in Information Systems , taught in Spring semester. Individual structuring and teaching material for the course.

Postgraduate courses:

- Introduction to Cybersecurity, core course for Master in Cybersecurity , taught both in Fall and Spring semester. Individual structuring and teaching material for the course.
- Cybersecurity governance, policy and law, core course for Master in Cybersecurity , taught both in Fall and Spring semester. Individual structuring and teaching material for the course.
- Research methods, core course for Master in Information Systems, taught in Spring semesters. Individual structuring and teaching material for the course.

MANAGEMENT AND LEADERSHIP SKILLS

Coordination, PhD and Master thesis supervision

Coordination of the Master in Cybersecurity (conventional) from 2019 onwards

Coordination of the Master in Cybersecurity (distance) from 2019 onwards

Organising a number of events, workshops, seminars regarding Cybersecurity

Organising committee of Nicosia Risk Forum (#NRF) 2018, 2019, 2020.

MSc supervision

7 students supervised during their Master thesis

BSc supervision

Every academic year I supervise 3-4 bachelor senior projects in cybersecurity and privacy related issues, as well as application development. Total supervisions (14).

SHORT BIORGRAPHY

Short Biorgraphy

Ioanna is a PhD in Law and IT from the University of Edinburgh and she holds an M.Sc. degree in Advanced Computing – Internet Technologies from the University of Bristol, UK and a B.Sc. Computer Science degree from the University of Cyprus. She is an Assistant Professor in Cybersecurity at the European University Cyprus, she serves as the Director of the newly established CYBER.EUC research center that is dedicated to deal with cybersecurity issues. She is also a Research Associate of the Center of Excellence in Risk and Decision Science (CERIDES) since 2016.

Her main field of interest is the interaction between law, science and computer technologies specifically cybercrime, cybersecurity education, cybersecurity forensics and crime prevention, electronic evidences, trust and reliance liability and ethical issues raising from technology. She has published a number of journal articles in peer-reviewed journals; and she has attended a number of conferences and seminars both as a participant and as a presenter.

She is often invited to participate as a cybersecurity expert in EU-funded research projects in the areas of privacy, data protection, cybersecurity and give talks and seminars on matters concerning the aforementioned

areas. Furthermore, she is organizing and/or speaking at conferences including seminars and workshops on various cybersecurity, cybersecurity skills, privacy, informations security topics with an emphasis on legal issues pertaining to technology and teaches computer science and cybersecurity courses at undergraduate, postgraduate and doctorate level.

She publishes in international scientific peer reviewed journals and books mainly in the areas of EU data protection and privacy law, cybersecurity and cybersecurity education.