

**CURRICULUM VITAE**  
**Dr. Paraskevi PAPADOPOULOU**  
**Cell Biologist**  
**Biophysicist**

## CURRICULUM VITAE

*Dr. Paraskevi Papadopoulou*

### 1. Personal Information



**NAME:** PAPADOPOULOU Paraskevi  
**PLACE OF BIRTH:** Greece  
**FIELD OF SPECIALITY:** Cell Biologist, Biophysicist  
**PRESENT POSITION:** Professor, [Biomedical Sciences](#) & [Environmental Studies Programs](#)  
[Department of Natural Sciences](#)  
[Deree-The American College of Greece](#)

**COMMUNICATING ADDRESS:** [Department of Natural Sciences](#)  
[School of Science and Technology](#)  
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[Google Scholar](#)

[LinkedIn](#)

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[Loop.frontiersin](#)

## 2. Education-Position-Research

### 2a. Main Studies-Position

#### **EDUCATION**

[National and Kapodistrian University of Athens](#)

**PhD, Biology**

1986 – 1993

[National and Kapodistrian University of Athens](#)

**BSc, Biology**

1985

[University of California, Los Angeles \(UCLA\)](#)

**BSc, Biology**

1979 – 1983

**2020-2023:** Head, [Department of Science and Mathematics](#) & Director, [Biomedical Sciences Program](#) for a three-year term.

**2020 (Jan.-Aug.):** Program Coordinator for the [Biomedical Sciences Program](#).

**2018-2019:** Project Coordinator for the development of the [Biomedical Sciences Program](#).

**2017- Aug. 2020:** Sciences Area Coordinator of the [Department of Science and Mathematics](#).

**2014-2017:** Assistant Head of the [Department of Science and Mathematics](#) for a three-year term.

**2011- 2014:** Head of the [Department of Science, Technology and Mathematics](#) for a three-year term.

**2010:** Professor III (Full Professor) of Biology effective September 1, 2010.

**2008-2011:** Head of the [Department of Science, Technology and Mathematics](#) for a three-year term.

**2005:** Professor II of Biology effective September 1, 2005.

**1999-2005:** Professor I of Biology at the American College of Greece.

**1997-1999:** Preceptor of Biology at the American College of Greece.

**1993:** Ph.D. in Biology, [The National and Kapodistrian University of Athens, Section Cell Biology and Biophysics](#). Expertise on Biophysics and Cell Biology, in TEM and SEM electron microscopy, freeze-fracturing, freeze-etching, laser-Raman and IR Spectroscopy, X-ray crystallography and X-ray diffraction, biochemical analysis of proteins, and protein model applications.

**1992-1997:** Part time instructor for Biology at the [American College of Greece, Deree College](#).

**1985:** Diploma in Biology, [The National and Kapodistrian University of Athens](#).

**1979-1983:** Bachelor of Science Degree in Biology from [University of California, Los Angeles \(UCLA\)](#).

**1979:** High School Diploma, [Hollywood High School](#), Los Angeles, California, U.S.A.

### 2b. Additional expertise & research positions

**2025 Aug.-Feb. 2026:** Invited to serve as Strategic Research Advisor at, [Digital Health Literacy and Policy Hub Nanopoulos Foundation Inc.](#)

**2024-present:** Selected to serve as GBD Senior Collaborator of the [Global Burden of Disease \(GBD\) Collaborator Network](#)

**2025:** Applied and was selected to participate at the [BioMed-AI Summer School](#), coordinated by [Digital Health Literacy & Policy Hub](#) with organizational support by its partners, the [Institute for Sustainable Development – EPLO](#), and [Archimedes, Athena Research Center, Greece](#). With the support of its local organiser, the [International Agency for Research on Cancer \(IARC\)/World Health Organization \(WHO\)](#) on “*Transforming Healthcare Through Artificial Intelligence: Opportunities, Challenges, and Ethical Frontiers*, 3<sup>rd</sup> edition, May 26-28 2025 at IARC/WHO, Lyon, France.

**2025:** Was invited to serve in the [Scientific Committee](#) of the [BioMed-AI Summer School](#), coordinated by [Digital Health Literacy & Policy Hub](#), with organizational support by its partners, the [Institute for Sustainable Development – EPLO](#), and [Archimedes, Athena Research Center, Greece](#). With the support of its local organiser, the [International Agency for Research on Cancer \(IARC\)/World Health Organization \(WHO\)](#), on “*Transforming Healthcare Through Artificial Intelligence: Opportunities, Challenges, and Ethical Frontiers*, 3<sup>rd</sup> edition, May 26-28 2025 at IARC/WHO, Lyon, France.

**2024:** Applied and was selected to attend the [BioMed-AI Summer School](#), under the auspices of the [Academy of Athens](#), coordinated by [Digital Health Literacy & Policy Hub](#) on “*Biomedicine & Bioethics supporting responsible innovation in the era of Big Data & AI*, 2<sup>nd</sup> edition”, Portuguese National Library, Lisbon, 11-13th September. Received a Certificate of Professional Education.

**2023-present:** Active member of the EU Health Policy Platform <https://webgate.ec.europa.eu/hpf/>

**2021-2024 (Sep.-Aug.):** Founder and Team Leader of the [Biomedical Science Research \(BMSR\) @ Research, Technology & Innovation Network \(RTIN\)](#).

**2023:** Applied and was selected to attend the [BioMed-AI Summer School](#), under the auspices of the [Academy of Athens](#) on “*Biomedicine & Bioethics supporting responsible innovation in the era of Big Data & AI*”, Athens, 12-16 June 2023. Received a Certificate of Professional Education.

**2022:** Selected to serve as GBD Collaborator of the [Global Burden of Disease \(GBD\) Collaborator Network](#)

**2022:** Registered for the [Graduate course](#) and received a Certificate of Professional Education from ACG Professional Education and the Hellenic Society of Pharmaceutical Medicine (EL.E.F.I.) in “*Leadership in Patient Safety Journey: Active Pharmacovigilance & Pharmacoepidemiology*”, October 24 - December 12, 2022. Funded by Deree-ACG.

**2022:** Registered for the [Graduate course](#) and received a Certificate of Professional Education from ACG Professional Education and the Hellenic Society of Pharmaceutical Medicine (EL.E.F.I.) in “*Leadership in Clinical Research: Striving for Ethics & Excellence*”, October 25 - December 13, 2022. Funded by Deree-ACG.

**2021:** Registered for the [Graduate course](#) and received a Certificate of Professional Education from Tufts Center for the Study of Drug Development – ACG Professional Certificate in “*Clinical Pharmacology, Drug Development and Regulation*”, 11 March – 24 March, 2021. Funded by Deree-ACG.

**1996-1998:** Advisor of the graduate student Iconomidou, V. A. for her dissertation on “*The fish eggshells of *Dicentrarchus labrax* and *Sparus aurata* as conformation models of their structural proteins: Morphological, Biochemical, Biophysical and Developmental Studies*” (ΠΕΝΕΔ 94, research program) at [The National and Kapodistrian University of Athens \(NKUA\), Section Cell Biology and Biophysics](#).

**1988-1989:** Two-month research training and use of transmission electron microscopy on biological samples. [Dept. of Biology, University of Crete](#), Greece (Dr. V. Galanopoulos).

**1987:** Two-month research training and use of scanning electron microscopy on biological samples. [Dept. of Biology University of Crete](#), Greece (Dr. V. Galanopoulos).

**1986:** Research training and use of transmission electron microscopy on biological samples. [The National and Kapodistrian University of Athens, Section Cell Biology and Biophysics](#) by (Dr. S. Hamodrakas and Dr. L. Margaritis)

**1986:** Research training and use of the X-ray diffraction technique on biological samples at “[Demokritos Biology Research Institute](#)” Greece (Dr. A. Karabarbounis).

**1986:** Research training and use of infrared and laser-Raman spectroscopy techniques at the [National Hellenic Research Foundation](#), Athens, Greece (Dr. E. Kamitsos).

**1985-1991:** Graduate student in Dept. of Biochemistry, Cell-Molecular Biology and Genetics, Section of Biology, [The National and Kapodistrian University of Athens](#)

Title: 'Biophysical, Biochemical, Morphological and Developmental Studies of the Trout Eggshell *Salmo gairdneri*.' <http://thesis.ekt.gr/2919>

**1984-1985: Senior thesis under** Dr. S. J. Hamodrakas supervision entitled "Comparative Analysis of the Silkmoth Eggshell Proteins in *Antheraea polyphemus* and *Bombyx mori* and Determination of the Secondary Structure of the Protein Terminal Arms", at [The National and Kapodistrian University of Athens, Section Cell Biology and Biophysics](#).

**1981-1982:** Undergraduate research projects on Cellular Biology, Molecular Biology, Immunology and Plant Physiology under the supervision of Dr. Cascarano, Dr. Burke, Dr. E. Sercarz and Dr. E.Tobin respectively at [University of California, Los Angeles \(UCLA\)](#).

### 2c. Languages

**Greek** (Proficiency-level) Fluent,  
**English** (Proficiency-level) Fluent,  
**French** Conversational level.

### 2d. Computer skills

MS-Office, basic Knowledge of Python.

Development of web courses using blackboard and other course management systems such as CONNECT.

Developed and maintained blackboard containers for the Department of Science and Mathematics.

## **3. Work Teaching Experience Committee Service**

**2025:** Member of the [Scientific Committee](#) of the 3<sup>rd</sup> edition [BioMed-AI Summer School](#).

**2022-present:** Appointed to serve as member of the Deree-ACG '[Health Education and Research Advisory Board](#)' (Chaired by Dr. Theoharis C. Theoharides, BA, MS, MPhil, PhD,MD, FAAAAI).

**2020-2023:** Head, [Department of Science and Mathematics & Director, Biomedical Sciences Program](#).

**2022-2023 (Aug):** Appointed as member to a Faculty Advisory Committee for the new STEM labs.

**2023:** Proposed the Bioinformatics Major, Deree-ACG.

**2023:** Proposed the [Bioinformatics Minor](#), Deree-ACG.

**2020-present:** Serves as member of the [Center of Excellence in Sustainability](#).

**2020-23:** Appointed as chair and as member to faculty search committees for science and math faculty needs.

**2020 (Jan.-Aug.):** Program Coordinator for the [Biomedical Sciences Program](#). Major contribution to Science labs renovation, new science lab construction & research spaces.

**2018-2019:** Project Coordinator for the development of the [Biomedical Sciences Program](#).

**2017-present:** Member of the Program Committee of the 12<sup>th</sup>-20<sup>th</sup> [International Disco Conference](#) (2017-2025) on Education and Technology, Prague, Czech Republic.

**2018:** Contributed to the proposal of two new programs, Nutrition and Dietetics & Neuroscience programs (Dept. Science and Mathematics & Dept. Psychology).

**2017-2020:** Sciences Area Coordinator of the [Department of Science and Mathematics](#).

**2014-2017:** Assistant Head of the [Department of Science and Mathematics](#) for a three-year term. Major contribution to Science labs renovation.

**2014-2016:** Member of the Ranking and Evaluation Committee.

**2015:** Member of the Nominations Committee.

**2011-2023:** Member of the Programme Committee.

**2011-2014:** Head of the [Department of Science, Technology and Mathematics](#) for a three-year term. Major contribution to Science labs renovation.

- 2010-2012:** Member of the Ranking and Evaluation Committee.  
**2009-2011:** Member of the Green Campus Committee.  
**2009-2010:** Member of the Curriculum Committee at Deree-ACG.  
**2009:** Member of the Advisory Committee for the General Studies School Proposal  
**2008-2011:** Head of the [Department of Science, Technology and Mathematics](#) for a three-year term. Major contribution to Science labs renovation.  
**2008-2009:** Member of the Committee for the [Environmental Studies Major](#) Proposal.  
**2008:** Proposed [Biology Minor](#) approved by the Curriculum Committee.  
**2007-2008:** Member of the Nominations committee at ACG.  
**2007-2008:** Member of the Nominations Committee at ACG.  
**2007:** Substitute secretary for two Faculty Meetings.  
**2005-2009:** Secretary and member of the Curriculum Committee at Deree-ACG.  
**2004-2005:** Member of the Curriculum Committee at Deree-ACG.  
**1995:** Proposed a self-designed Biology Minor, Deree-ACG.  
**1992-present:** Developed and teaches courses at Deree-ACG from the following list:  
    **BI 1000 Introduction to Biology, with labs**  
    **BI 1101 Introduction to Biology, with labs**  
    **BI 3232 Cellular and Molecular Neurobiology**  
    **BI 3204 Human Genetics**  
    **BI 1006 Human Biology: Concepts and Current Issues, with labs**  
    **BI 1016 Human Biology: Genetic and Evolutionary Aspects of Life**  
    **BI 1017 Human Biology: Body Anatomy and Current Issues, with labs**  
    **BI 1002 Introduction to Molecular Biology, with labs**  
**2017-2022:** Cotaught **ES 3240 Integrated Methods in Environmental Analysis I**  
**2016:** Developed and Cotaught the Honor's Program course **HSE 2215 LE/STEM Human Consciousness: From Brain to Subjectivity**  
**2010-2015:** Developed and taught at Deree-ACG **OC 1001 Life in the Oceans**  
**1986-1991:** Teaching and lab assistant for the laboratories of the following courses:  
    **Biology I** (freshmen year),  
    **Cellular Biology** (junior year) and  
    **Biophysics** (senior year) for the **Biology, Physics and Pharmacy** departments of the University of Athens  
**1984-1991:** English teacher at "Strategakis, N." English tutoring schools, Athens, Greece  
**1979-1983:** Part time cashier at C&R Clothiers, L.A., California.

#### 4. Member of Scientific Societies

[Hellenic Society of Biological Sciences \(HSEBS\)](#)  
[Hellenic Society for Biochemistry and Molecular Biology \(HSBMB\)](#)  
[Panhellenic Association Life Sciences \(PEV\)](#)  
[The Greek Scientist](#)  
[Society Mediterranean](#)  
[Neuroscience Society](#)  
[FENS, the Federation of European Neuroscience Societies](#)

## 5. Academic and Research Interests (1985-present)

My past and present research interests focus on:

- Structural and self-assembly of fibrous proteins of complex, physiologically important, biological tissues such as fish and insect chorion (eggshell) for the elucidation of the principles governing protein structure, function and interactions (Supervisor Prof. S. Hamodrakas).
- Use of TEM and SEM electron microscopy, freeze-fracturing and freeze-etching to visualize the fibrillar arrangement of chorion proteins in fish and insects and discern their architecture at molecular level.
- Use of biophysics methods such as laser-Raman, IR Spectroscopy, X-ray crystallography, and X-ray diffraction, for the elucidation of the principles governing protein structure, 3D folding, interactions and function. Biochemical analysis of the chorion constituent proteins.
- Application of computer programs and use of algorithms, sequence alignment, periodicities and biological databases for the analysis of protein sequences and prediction of their secondary and tertiary structures.
- Development of genetic testing protocols and molecular diagnosis for genetic disorders such as tuberous sclerosis and Neurofibromatosis type 1. Use of molecular techniques such as isolation of DNA, Polymerase Chain Reaction (PCR), Reverse Transcriptase (RT), western blotting and cancer cell cultures. (Supervisor Dr. G. Voutsinas at “Environmental Mutagenesis and Carcinogenesis Laboratory, Demokritos Biology Research Institute”, Greece.
- Research on neurodegenerative diseases, genetic diseases, sexually transmitted infections, and cancer.
- Environmental health issues, impact of climate change on public health, SDGs in universities, sustainability and research on green roofs.
- Innovative ways of teaching and learning in Higher Education, in STEM and Medical Education.
- Use of Artificial Intelligence in Biomedical and environmental sciences.
- Digital health (DH) and DH literacy, personalized medicine, and healthcare.
- Predicting molecular structures with AlphaFold 2 and 3 in combination with X-ray crystallography and cryo-electron microscopy data (emphasis on ion channels, receptors and ligand interactions).
- Global Burden of Disease Network (GBD) studies as a GBD Senior Collaborator.

Some of the above research projects have been financially supported by the University of Athens (NKUA) Π.Α.Ε.Τ 84 & Π.Α.Ε.Τ. 87 and ΠΕΝΕΔ 94 as they were submitted by Prof. S. J. Hamodrakas. The Research project on NF1 was funded by ACG-Deree. The Erasmus + SDG4U project, Project Number: KA220-HED-49854B7A was co-funded by the European Union.

## 6. Research Proposals\_Publications\_Conferences\_Workshops\_Seminars\_Reviews\_Editing

### Research proposals awarded

- [1] **2022:** Research proposal project funded under the Erasmus+ Programme of the European Commission. Title: Engaging SDGs for Transformative Education and Enhanced Sustainability in Universities (ERASMUS+) [SDG4U](#): **proposal submitted. Grant was awarded.**

Proposal prepared by Dr. S. Apostolaki and **Dr. P. Papadopoulou** in collaboration with our partners. **Dr. P. Papadopoulou** was a working member of the project as co-PI of the ACG-RC partner.

<https://www.sdg4uproject.eu/>

<https://acg150.acg.edu/erasmus-project-sdg4u/>

<https://acg150.acg.edu/news/the-coes-joins-eu-erasmus-project-on-sdgs-in-higher->

### Publications in international refereed journals

- [1] Tzortzatou-Nanopoulou O., Kozlakidis Z., Tuboly E., **Papadopoulou P.** (2026). [AI in biomedical research, digital health, and healthcare: transformative innovations, health literacy, ethical-legal challenges, and environmental impact.](#) *Innov Dig Health Diagn Bio.*6:1–5. DOI: 10.36401/IDDB-25-X5.
- [2] Velmovitsky P.E., Arbuckle L. and **Papadopoulou P.** (2026). [Editorial: Ethical considerations of large language models: challenges and best practices.](#) *Front. Digit. Health* 8:1807664. doi: 10.3389/fdgth.2026.1807664
- [3] Kang, J., Kim, H. J., Kim, M. S., **Papadopoulou, P.**, Shin, J. I., & Yon, D. K. (2026). [GBD 2023 Substance Use Collaborators \(Including Papadopoulou, P.\), Shin, J. I., & Yon, D. K. \(2026\). Global burden of amphetamine, cannabis, cocaine and opioid use in 204 countries, 1990-2023: a Global Burden of Disease Study.](#) *Nature medicine*, 10.1038/s41591-025-04137-0. Advance online publication. <https://doi.org/10.1038/s41591-025-04137-0>
- [4] Oh, J., Kim, S., Yim, Y., Kim, M. S., **GBD 2023 Global Chronic Respiratory Disease and Covid Collaborators (Including Papadopoulou, P.)**, Hay, S. I., Il Shin, J., & Yon, D. K. (2026). [Global, regional, and national burden of chronic respiratory diseases and impact of the COVID-19 pandemic, 1990-2023: a Global Burden of Disease study.](#) *Nature medicine*, 32(1), 197–223. <https://doi.org/10.1038/s41591-025-04077-9>
- [5] Apostolaki, S. & **Papadopoulou, P.** (2025). [Transforming Higher Education: Universities as Living Laboratories for Sustainable Development Goals Integration.](#) *Proceedings 2025*, 131, x. <https://doi.org/10.3390/proceedings2025131086>.  
Apostolaki orally presented the study at the *11th World Sustainability Forum (WSF11)*, Barcelona, Spain, 2–3 October 2025.
- [6] **GBD 2023 Disease and Injury and Risk Factor Collaborators (Including Papadopoulou, P.)**. (2025). [Burden of 375 diseases and injuries, risk-attributable burden of 88 risk factors, and healthy life expectancy in 204 countries and territories, including 660 subnational locations, 1990-2023: a systematic analysis for the Global Burden of Disease Study 2023.](#) *Lancet* (London, England), 406(10513), 1873–1922. [https://doi.org/10.1016/S0140-6736\(25\)01637-X](https://doi.org/10.1016/S0140-6736(25)01637-X)
- [7] **GBD 2023 Causes of Death Collaborators (Including Papadopoulou, P.)**. (2025). [Global burden of 292 causes of death in 204 countries and territories and 660 subnational locations, 1990-2023: a systematic analysis for the Global Burden of Disease Study 2023.](#) *Lancet* (London, England), 406(10513), 1811–1872. [https://doi.org/10.1016/S0140-6736\(25\)01917-8](https://doi.org/10.1016/S0140-6736(25)01917-8)
- [8] **GBD 2023 Demographics Collaborators (Including Papadopoulou, P.)**. (2025). [Global age-sex-specific all-cause mortality and life expectancy estimates for 204 countries and territories and 660 subnational locations, 1950-2023: a demographic analysis for the Global Burden of Disease Study 2023.](#) *Lancet* (London, England), 406(10513), 1731–1810. [https://doi.org/10.1016/S0140-6736\(25\)01330-3](https://doi.org/10.1016/S0140-6736(25)01330-3)
- [9] **GBD 2023 Causes of Death Collaborators (Including Papadopoulou, P.)**. (2025). [Global burden of 292 causes of death in 204 countries and territories and 660 subnational locations, 1990-2023: a systematic analysis for the Global Burden of Disease Study 2023.](#) *Lancet* (London, England), 406(10513), 1811–1872. [https://doi.org/10.1016/S0140-6736\(25\)01917-8](https://doi.org/10.1016/S0140-6736(25)01917-8)
- [10] **Global Burden of Cardiovascular Diseases and Risks 2023 Collaborators (Including Papadopoulou, P.)**. (2025). [Global, Regional, and National Burden of Cardiovascular Diseases and Risk Factors in 204 Countries and Territories, 1990-2023.](#) *Journal of the American College of Cardiology*, S0735-1097(25)07428-5. Advance online publication. <https://doi.org/10.1016/j.jacc.2025.08.015>
- [11] **GBD 2019 Acute and Chronic Care Collaborators (Including Papadopoulou, P.)**. (2025). [Characterising acute and chronic care needs: insights from the Global Burden of Disease Study 2019.](#) *Nature communications*, 16(1), 4235. <https://doi.org/10.1038/s41467-025-56910-x>
- [12] Lee, S., Son, Y., Hwang, J., Kim, M. S., [GBD 2021 Dietary Iron Deficiency](#)

- [Collaborators](#) (Including **Papadopoulou, P.**), Il Shin, J., Yon, D. K., & Kassebaum, N. J. (2025). [Global, regional and national burden of dietary iron deficiency from 1990 to 2021: a Global Burden of Disease study](#). *Nature medicine*, 31(6), 1809–1829. <https://doi.org/10.1038/s41591-025-03624-8>
- [13] [GBD Epilepsy Collaborators](#) (Including **Papadopoulou, P.**). (2025). [Global, regional, and national burden of epilepsy, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021](#). *The Lancet. Public health*, 10(3), e203–e227. [https://doi.org/10.1016/S2468-2667\(24\)00302-5](https://doi.org/10.1016/S2468-2667(24)00302-5)
- [14] [Global Nutrition Target Collaborators](#) (Including **Papadopoulou, P.**). (2025). [Global, regional, and national progress towards the 2030 global nutrition targets and forecasts to 2050: a systematic analysis for the Global Burden of Disease Study 2021](#). *Lancet*. 2025;404(10471):2543-2583. doi:10.1016/S0140-6736(24)01821-X
- [15] **Papadopoulou, P.**; Polissidis, A.; Kythreoti, G.; Sagnou, M.; Stefanatou, A.; Theoharides, T.C. [Anti-Inflammatory and Neuroprotective Polyphenols Derived from the European Olive Tree, \*Olea europaea\* L., in Long COVID and Other Conditions Involving Cognitive Impairment](#). *Int. J. Mol. Sci.* 2024, 25, 11040. <https://doi.org/10.3390/ijms252011040>
- [16] [GBD 2021 Tobacco Forecasting Collaborators](#) (Including **Papadopoulou, P.**). (2024). [Forecasting the effects of smoking prevalence scenarios on years of life lost and life expectancy from 2022 to 2050: a systematic analysis for the Global Burden of Disease Study 2021](#). *Lancet Public Health*. 2024;9(10):e729-e744. doi:10.1016/S2468-2667(24)00166-X
- [17] [GBD 2021 Stroke Risk Factor Collaborators](#) (Including **Papadopoulou, P.**). (2024). [Global, regional, and national burden of stroke and its risk factors, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021](#). *The Lancet Neurology*, Volume 23, Issue 10, 973 – 1003
- [18] [GBD 2021 Risk Factors Collaborators](#) (Including **Papadopoulou, P.**). (2024). [Global burden and strength of evidence for 88 risk factors in 204 countries and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021](#). *Lancet* (London, England), 403(10440), 2162–2203. [https://doi.org/10.1016/S0140-6736\(24\)00933-4](https://doi.org/10.1016/S0140-6736(24)00933-4)
- [19] [GBD 2021 Causes of Death Collaborators](#) (Including **Papadopoulou, P.**). (2024). [Global burden of 288 causes of death and life expectancy decomposition in 204 countries and territories and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021](#). *Lancet* (London, England), 403(10440), 2100–2132. [https://doi.org/10.1016/S0140-6736\(24\)00367-2](https://doi.org/10.1016/S0140-6736(24)00367-2)
- [20] [GBD 2021 Demographics Collaborators](#) (Including **Papadopoulou, P.**). (2024). [Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950-2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021](#). *Lancet* (London, England), 403(10440), 1989–2056. [https://doi.org/10.1016/S0140-6736\(24\)00476-8](https://doi.org/10.1016/S0140-6736(24)00476-8)
- [21] Mensah, G. A., Fuster, V., Murray, C. J. L., Roth, G. A., & Global Burden of Cardiovascular Diseases and Risks Collaborators (Including Papadopoulou, P.). (2023). [Global Burden of Cardiovascular Diseases and Risks, 1990-2022](#). *Journal of the American College of Cardiology*, 82(25), 2350–2473. <https://doi.org/10.1016/j.jacc.2023.11.007>
- [22] Fragkos, M., Choleza, M., & **Papadopoulou, P.** (2023). [The Role of  \$\gamma\$ H2AX in Replication Stress-induced Carcinogenesis: Possible Links and Recent Developments](#). *Cancer diagnosis & prognosis*, 3(6), 639–648. <https://doi.org/10.21873/cdp.10266>
- [23] [GBD 2019 IMID Collaborators](#) (Including **Papadopoulou, P.**). (2023). [Global, regional, and national incidence of six major immune-mediated inflammatory diseases: findings from the global burden of disease study 2019](#). *EClinicalMedicine*, 64, 102193. <https://doi.org/10.1016/j.eclinm.2023.102193>
- [24] [GBD 2021 Anaemia Collaborators](#) (Including **Papadopoulou, P.**). (2023). [Prevalence, years lived with disability, and trends in anaemia burden by severity and cause, 1990–2021: findings from the Global Burden of Disease Study 2021](#). *The Lancet Haematology*. [https://doi.org/10.1016/S2352-3026\(23\)00160-6](https://doi.org/10.1016/S2352-3026(23)00160-6)

- [25] **Papadopoulou, P.** & Lytras, M. (2023). [Advancing precision medicine in medical education: Integrated, precise and data-driven smart solutions](https://doi.org/10.1002/appl.202200131). *Appl. Res.* e202200131. <https://doi.org/10.1002/appl.202200131>
- [26] Marouli C., Savvidou P., Koutsokali M., **Papadopoulou P.**, Misseyanni A., Tsiliki G. and Georgas D. (2022). [Plant Growth on a Mediterranean Green Roof: A Pilot Study on Influence of Substrate Depth, Substrate Composition, and Type of Green Roof](https://doi.org/10.3389/frsc.2021.796441). *Front. Sustain. Cities* 3:796441. <https://doi.org/10.3389/frsc.2021.796441>
- [27] **Papadopoulou, P.**, Marouli, C. & Misseyanni, A. (2020). [Sustaining Healthcare: Bridging Education with Biomedical and Healthcare Challenges](https://doi.org/10.14207/ejsd.2020.v9n2p211). *European Journal of Sustainable Development*, 9(2), 211. DOI: <https://doi.org/10.14207/ejsd.2020.v9n2p211>
- [28] Misseyanni, A., Marouli, C. & **Papadopoulou, P.** (2020). [How Teaching Affects Student Attitudes towards the Environment and Sustainability in Higher Education: An Instructors' Perspective](https://doi.org/10.14207/ejsd.2020.v9n2p172). *European Journal of Sustainable Development*, 9(2), 172.
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- [30] **Papadopoulou, P.**, Galanopoulos, V. K. & Hamodrakas, S. J. (1996) [Molecular and supramolecular architecture of the \*Salmo gairdneri\* proteinaceous eggshell during development](https://doi.org/10.1006/jsbi.1996.0057), *J. Struct. Biology*, 116:399-412. DOI: [10.1006/jsbi.1996.0057](https://doi.org/10.1006/jsbi.1996.0057)
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### Book publications

- [1] Coedited and coauthored the book:  
**Papadopoulou, P.**, Lytras, M., & Konstantinopoulou, S. (Eds.). (2025). [Precision Health in the Digital Age: Harnessing AI for Personalized Care](https://doi.org/10.4018/979-8-3693-4422-4). *IGI Global*. <https://doi.org/10.4018/979-8-3693-4422-4>
- [2] Coedited and coauthored the book:  
**Papadopoulou, P.**, Lytras, M. D., & Konstantinopoulou, S. (Eds.). (2025). [Policies, Initiatives, and Innovations for Global Health](https://doi.org/10.4018/979-8-3693-4402-6). *IGI Global*. <https://doi.org/10.4018/979-8-3693-4402-6>
- [3] Coedited and coauthored the book:  
**Papadopoulou, P.**, Marouli, C., & Misseyanni, A. (2019). [Environmental Exposures and Human Health Challenges](https://doi.org/10.4018/978-1-5225-7635-8) (pp. 1-449). *Hershey, PA: IGI Global*. doi:10.4018/978-1-5225-7635-8
- [4] Coedited and coauthored the book:  
Misseyanni, Anastasia & Lytras, Miltiadis & **Papadopoulou, Paraskevi** & Marouli, Christina. (2018). [Active Learning Strategies in Higher Education: Teaching for Leadership, Innovation, and Creativity](https://doi.org/10.1108/9781787144873). *Emerald Publishing Limited*, Howard House, Wagon Lane, Bingley BD16 1WA, UK, DOI10.1108/9781787144873
- [5] Coedited and coauthored the book:  
Lytras, M. D. & **Papadopoulou, P.** (2018). [Applying Big Data Analytics in Bioinformatics and Medicine](https://doi.org/10.4018/978-1-5225-2607-0) (pp. 1-465). *Hershey, PA: IGI Global*. doi:10.4018/978-1-5225-2607-0

### Published book chapters/prefaces

- [1] **Papadopoulou, P.**, Apostolaki, S., Lytras, M., & Konstantinopoulou, S. (2025). [AI Innovations in Global Health in the Context of Climate Change: Impact on Human Health Resilience](https://doi.org/10.4018/979-8-3693-4402-6.ch001). In P. Papadopoulou, M. Lytras, & S. Konstantinopoulou (Eds.), *Policies, Initiatives, and Innovations for Global Health* (pp. 1-52). *IGI Global Scientific Publishing*. <https://doi.org/10.4018/979-8-3693-4402-6.ch001>

- [2] **Papadopoulou, P.** & Lytras, M. D. (2025). [Enhancing Scientific Rigor With Editorial Roles and AI: Insights From Evaluating Manuscripts in Digital Health and Personalized Medicine](#). In P. Papadopoulou, M. Lytras, & S. Konstantinopoulou (Eds.), *Precision Health in the Digital Age: Harnessing AI for Personalized Care* (pp. 39-62). IGI Global Scientific Publishing. <https://doi.org/10.4018/979-8-3693-4422-4.ch003>
- [3] Co-authored the Editorial Preface in which I served as editor **Papadopoulou, P.**, Lytras, M., & Konstantinopoulou, S. (Eds.). (2025). [Precision Health in the Digital Age: Harnessing AI for Personalized Care](#). IGI Global. <https://doi.org/10.4018/979-8-3693-4422-4>.  
<https://www.igi-global.com/pdf.aspx?tid=364446&ptid=339201&ctid=15&t=Preface&isxn=9798369344224>
- [4] Co-authored the Editorial Preface in which I served as editor **Papadopoulou, P.**, Lytras, M., & Konstantinopoulou, S. (Eds.). (2025) [Policies, Initiatives, and Innovations for Global Health](#). IGI Global. <https://doi.org/10.4018/979-8-3693-4402-6>. <https://www.igi-global.com/pdf.aspx?tid=361914&ptid=339195&ctid=15&t=Preface&isxn=9798369344026>
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- [6] Lytras, M. D., **Papadopoulou, P.**, Marouli, C., & Misseyanni, A. (2022). [Higher Education Out-of-the-Box: Technology-Driven Learning Innovation in Higher Education](#). In I. Management Association (Ed.), *Research Anthology on Service Learning and Community Engagement Teaching Practices* (pp. 768-795). IGI Global. <https://doi.org/10.4018/978-1-6684-3877-0.ch042>
- [7] **Papadopoulou, P.** Lytras, M. (2021). [Empowering the One Health approach and health resilience with digital technologies across OECD countries: the case of COVID-19](#). In Lytras, M.D., Sarirete, A., Visvizi, A. & Chui, K. T. *In Next Gen Tech Driven Personalized Med&SmartHealthcare, Artificial Intelligence and Big Data Analytics for Smart Healthcare*, (pp. 225-241). Academic Press. <https://doi.org/10.1016/B978-0-12-822060-3.00012-7>.
- [8] **Papadopoulou, P.**, Misseyanni, A. & Marouli, C. (2020). [Current Environmental Health Challenges: Part I - Exposures and Research Trends](#). In Duca, G., & Vaseashta, A. (Ed.), *Handbook of Research on Emerging Developments and Environmental Impacts of Ecological Chemistry* (pp. 1-37). IGI Global. <http://doi:10.4018/978-1-7998-1241-8.ch001>
- [9] Marouli, C., **Papadopoulou, P.** & Misseyanni, A. (2020). [Current Environmental Health Challenges: Part 2 – Moving Toward a Healthy and Sustainable Future](#). In Duca, G., & Vaseashta, A. (Ed.), *Handbook of Research on Emerging Developments and Environmental Impacts of Ecological Chemistry* (pp. 38-67). IGI Global. <http://doi:10.4018/978-1-7998-1241-8.ch002>
- [10] Lytras, M. D., **Papadopoulou, P.** & Sarirete, A. (2020). [Smart Healthcare: emerging technologies, best practices, and sustainable policies](#), in Lytras, M.D. and Sarirete (Ed.), *NextGen Tech Driven Personalized Med&Smart Healthcare, Innovation in Health Informatics*, Academic Press (pp 3-38), ISBN 9780128190432, <https://doi.org/10.1016/B978-0-12-819043-2.00001-0>
- [11] **Papadopoulou, P.**, Lytras, M., & Marouli, C. (2019). [Bioinformatics as Applied to Medicine: Challenges Faced Moving From Big Data to Smart Data to Wise Data](#). In I. Management Association (Ed.), *Biotechnology: Concepts, Methodologies, Tools, and Applications* (pp. 185- 209). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-8903-7.ch008  
<https://www.igi-global.com/chapter/bioinformatics-as-applied-to-medicine/228624>
- [12] Authored the **Book Preface**, **Paraskevi Papadopoulou**, Christina Marouli, Anastasia Misseyanni in **Papadopoulou, P.**, Marouli, C., & Misseyanni, A. (2019). [Environmental Exposures and Human Health Challenges](#) (pp. 1-449). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-7635-8  
<https://www.igi-global.com/book/environmental-exposures-human-health->

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- [13] **Papadopoulou, P.**, Chui, K. T., Daniela, L., & Lytras, M. D. (2019). [Virtual and Augmented Reality in Medical Education and Training: Innovative Ways for Transforming Medical Education in the 21st Century](#). In M. Lytras, N. Aljohani, L. Daniela, & A. Visvizi (Eds.), *Cognitive Computing in Technology-Enhanced Learning* (pp. 109-150). Hershey, PA: IGI Global. <http://doi:10.4018/978-1-5225-9031-6.ch006>
- [14] Lytras, M. D., **Papadopoulou, P.**, Marouli, C., & Misseyanni, A. (2018). [Higher Education Out- of-the-Box: Technology-Driven Learning Innovation in Higher Education](#). In S. Burton (Ed.), *Engaged Scholarship and Civic Responsibility in Higher Education* (pp. 67-100). Hershey, PA:IGI Global. <http://doi:10.4018/978-1-5225-3649-9.ch004>
- [15] **Papadopoulou, P.**, Lytras, M., & Marouli, C. (2018). [Bioinformatics as Applied to Medicine: Challenges Faced Moving from Big Data to Smart Data to Wise Data](#). In M. Lytras, & P. Papadopoulou (Eds.), *Applying Big Data Analytics in Bioinformatics and Medicine* (pp. 1-25). Hershey, PA: IGI Global. <http://doi:10.4018/978-1-5225-2607-0.ch001>
- [16] Co-authored the Editorial Preface in which I served as editor Lytras, M. D., & **Papadopoulou, P.** (2018). [Applying Big Data Analytics in Bioinformatics and Medicine \(pp. 1-465\)](#). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-2607-0 <https://www.igi-global.com/pdf.aspx?tid=182936&ptid=177903&ctid=15&t=Preface>
- [17] Misseyanni, A., Lytras, M.D., **Papadopoulou, P.** & Marouli, C. (2018). [Introduction](#) in Anastasia Misseyanni , Miltiadis D. Lytras , Paraskevi Papadopoulou , Christina Marouli (ed.) in *Active Learning Strategies in Higher Education: Teaching for Leadership, Innovation and Creativity*, Emerald Publishing Limited, Bingley, UK. pp.1-13. <https://www.emerald.com/insight/publication/doi/10.1108/9781787144873>
- [18] Misseyanni, A., **Papadopoulou, P.**, Marouli, C. & Lytras, M.D., (2018). [Active Learning Stories in Higher Education: Lessons Learned and Good Practices in STEM Education](#), in Anastasia Misseyanni , Miltiadis D. Lytras , Paraskevi Papadopoulou , Christina Marouli (ed.) in *Active Learning Strategies in Higher Education: Teaching for Leadership, Innovation and Creativity*, Emerald Publishing Limited, Bingley, UK. pp.75 – 105.  
*All co-authors after the first had equal contribution.*  
<https://www.emerald.com/insight/publication/doi/10.1108/9781787144873>
- [19] Marouli, C., Misseyanni, A., **Papadopoulou, P.**, Lytras, M.D., (2018). [A New Vision for Higher Education: Lessons from Education for the Environment and Sustainability](#), in Anastasia Misseyanni, Miltiadis D. Lytras , Paraskevi Papadopoulou , Christina Marouli (ed.) *Active Learning Strategies in Higher Education: Teaching for Leadership, Innovation and Creativity*, Emerald Publishing Limited, Bingley, UK. pp.361 – 387.  
<https://www.emerald.com/insight/publication/doi/10.1108/9781787144873>
- [20] Co-authored the Editorial Preface in which I served as guest editor of a special issue: **Papadopoulou, P.**, Marouli, C., Misseyanni, A. & Lytras, M. (2016). [Editorial Preface, Special Issue on Teaching in Higher Education: Active Learning, and New Teaching Methodologies](#), *International Journal of Knowledge Society Research (JKSR)*, 7(4).

### Edited special issue in international journal

#### 2016: Served as Guest Editor of a special issue

Papadopoulou, P., Marouli, C., Misseyanni, A. & Lytras, M. (2016). [Editorial Preface, Special Issue on Teaching in Higher Education: Active Learning, and New Teaching Methodologies](#), *International Journal of Knowledge Society Research (JKSR)*, 7(4).

### Participation in international congress/conference meetings

Juried papers at the major international conference of the discipline

- [1] **Papadopoulou, P.** (2025). Chaired a panel discussion under the auspices of the [Digital Health Literacy and Policy Hub](#), Theme: [Digital Health Literacy for All: Integrating](#)

- [Genomic Research into Sustainable Health Systems](#) at the Biotechnology, Bioinformatics & Bioeconomy Forum:Fostering Collaboration in Industry & Academia. September, 2025,Technopolis, Gazi - Athens, Greece
- [2] **Papadopoulou, P.** (2025). Webinar 10:25 – 10:45 |Keynote: *From Prediction to Prevention: How AI is Reshaping Digital Healthcare* at [2nd SHIFT-HUB International Online Brokerage Event in Health Innovation](#), <https://shift-hub.eu/> Plenary Session, June 20, 2025 (10:00 – 12:30 CET).
- [3] **Papadopoulou, P.** (2025, June 3). *Exploring Sodium Channels and Acetylcholine Receptors Through X-ray Crystallography, AlphaFold 3, Cryo-EM, and Ligand Interactions: Advancing Neurobiology Education*. The 10th Mediterranean Neuroscience Society Conference <https://mns2025.org/>, Chania Greece. Zenodo. <https://doi.org/10.5281/zenodo.15587215>
- [4] **Papadopoulou, P.** (2025). Presenter-Panelist, at [BioMed-AI Summer School, Workshop 2: Regulatory Frameworks in Healthcare: Global Perspectives on AI and ESG](#). Facilitator: ISD-EPLO. Panelists: 1. Professor Paraskevi Papadopoulou, Biomedical Sciences and Environmental Studies Programs, Department of Science and Mathematics, Deree-The American College of Greece 2. Danaï Spentzou, Accredited Parliamentary Assistant (APA) at the European Parliament 3. Moderator: Christina Deligianni, Policy and Programs Director, ISD – EPLO, EU Climate Pact Ambassador, May 27, 2025, 11:30 – 12:30, IARC-WHO, Lyon, France.
- [5] Apostolaki S. & **Papadopoulou, P.** (2025). Erasmus+ [SDG4U](#) Poster presentation: *An interdisciplinary educational approach on Climate Change impacts on Human Health and Well-being in Universities*, [BioMed-AI Summer School](#), IARC-WHO, May 26-28, 2025. Lyon, France. DOI: [10.13140/RG.2.2.25063.36001](https://doi.org/10.13140/RG.2.2.25063.36001)
- [6] Orfanou, S., Koranis, A., Tzermou, E., M. & **Papadopoulou, P.** (2025), Poster presentation: *Advancing Medical Diagnostics via Artificial Intelligence: A Simulation-Driven Approach to Disease Detection*, presented at the [9th Annual Student Research and Creative Arts Symposium](#), ACG, and at [BioMed-AI Summer School](#), IARC-WHO, May 6-28, Lyon, France. DOI: [10.13140/RG.2.2.25456.57606](https://doi.org/10.13140/RG.2.2.25456.57606)
- [7] N. Koutsis & **Papadopoulou, P.** (2025). Poster presentation: *AI's Pursuit of Consciousness and Ethical Challenges: A Comparative Analysis of Contemporary Ethics and Theories of Consciousness*, presented at the [9th Annual Student Research and Creative Arts Symposium](#), ACG, and at [BioMed-AI Summer School](#), IARC-WHO, May 26-28, 2025. Lyon, France. DOI: [10.13140/RG.2.2.16438.82248](https://doi.org/10.13140/RG.2.2.16438.82248)
- [8] N. Koutsis & **Papadopoulou, P.** (2025). Oral presentation: Ethical Implications and Academic Impact of Developing Conscious AI: Evaluating Large Language Models Through Prominent Theories of Consciousness, presented at [THE SCIENCE OF CONSCIOUSNESS, Abstract 228, pp 118-118, C13: AI, Brain and the World 1](#), July 6-11, 2025, Barcelona, Spain.
- [9] Koranis, A., Tzermou, E. M., Orfanou, S. & **Papadopoulou, P.** (2025). Poster presentation: *Comparative Structural Analysis of Sodium Channels Using X-ray Crystallography, AlphaFold 3, Cryo-EM, and Ligand Interactions: An Educational Perspective*, presented at [9th Annual Student Research and Creative Arts Symposium](#), ACG, and at [BioMed-AI Summer School](#), IARC-WHO, May 26-28, Lyon, France. DOI: [10.13140/RG.2.2.23778.85448](https://doi.org/10.13140/RG.2.2.23778.85448)
- [10] **Papadopoulou, P.**, Marouli, C. Misseyanni, A. & Koutsokali, M. (2024). [Human reproduction, contraception and sexually transmitted infections \(STIs\): Enhancing college students' awareness, engagement, emotions, and action](#). ICERI2024 proceedings, 11-13 November 2024, Seville, Spain. Pages: 1198-1211, ISBN: 978-84-09-63010-3, ISSN: 2340-1095 DOI: 10.21125/iceri.2024.0379
- [11] **Papadopoulou, P.**, Apostolaki, S. & Misseyanni, A. (2023) [Introducing Biodiversity, Climate Change and Justice to College Students: Using the Deree-ACG Forest as a Living Laboratory, ICERI2023 Proceedings, pp. 3803-3812](#). 13-15 November, 2023, Seville, Spain. doi: 10.21125/iceri.2023.0962
- [12] **Papadopoulou, P.** & Apostolaki, S. (2023). [Exploring the Role of Artificial Intelligence towards Reducing the Climate Change Impacts on Public Health. SafeAttica 2023 – 10thInternational Conference on Civil Protection & New Technologies, pp. 189-192. ISSN 2654-1823 25 - 27 September](#), War Museum, Athens, Greece. [www.safeattica.com](http://www.safeattica.com) [www.safeattica.gr](http://www.safeattica.gr)
- [13] Apostolaki, S., **Papadopoulou, P.** & Papandreou A. (2023). Proposing a Holistic and

- Transformative Approach for the Promotion of SDGs in Higher Education Institutions. *WSF 2023 The 10th World Sustainability Forum 14 September 2023 | Hybrid: Singapore, Basel, Toronto & virtual*. DOI: [10.13140/RG.2.2.14294.63043](https://doi.org/10.13140/RG.2.2.14294.63043).
- [14] **Papadopoulou, P.** (2022). [Teaching Lab Activities Effectively during Times of Disruption by Fostering Adaptive and Digital Resilience: The Case of College-level Introductory Biology during the COVID-19 Pandemic](#). *EDULEARN22 Proceedings*, pp. 8151-8160. 4-6 July, 2022, Palma, Spain. DOI: 10.21125/edulearn.2022.1927. Conference paper & virtual presentation.
- [15] **Papadopoulou, P.** (2022). Ways of Improving the Alignment of Advances in Precision Medicine with Medical and Biomedical Education. *International webinar on Precision Medicine Theme: A new frontier to explore the advance research in Genetics and Public Health*. Oral presentation  
Abstract: <https://crgconferences.com/precisionmedicine/2022/programschedule>
- [16] **Papadopoulou, P.** (2020). Quantum Evolution Caught in Action: Why and How Specific Adaptations of Major Plant Divisions are Similar to Chordata Vertebrata Classes Adaptations. *International Conference THE SCIENCE OF CONSCIOUSNESS | TSC 2020*, September 14- 18, 2020, Center for Consciousness Studies, University of Arizona, Tucson, Arizona 85721, Concurrent session C16 - Evolution and Consciousness - TSC2020 - FINAL  
Presentation <https://www.youtube.com/watch?v=JY69PGw7gKo> from 21:05-40:58 min,  
Abstract: [https://eagle.sbs.arizona.edu/sc/report\\_poster\\_detail.php?abs=3683](https://eagle.sbs.arizona.edu/sc/report_poster_detail.php?abs=3683)
- [17] Evangelidi E. & **Papadopoulou, P.** (2020). Can Stress Induced Epigenetic Modifications Contribute to Depression? *International Conference on Medical Education, Health Sciences and Patient Care*, Athens, Greece, July 2020.
- [18] Khan, A., Kankel, B.E. & **Papadopoulou, P.** (2020). [An Analysis of the Impact of Immunosuppression upon the Prevalence and Risk of Cancer](#). *ICGMB 2020: International Conference on Genetics and Molecular Biology, World Academy of Science, Engineering and Technology, International Journal of Bioengineering and Life Sciences Vol:14, No:4, April 09- 10, 2020*.
- [19] Thayer A., Rondeau C. & **Papadopoulou, P.** (2020). [The Need for a Consistent Regulatory Framework for CRISPR Gene-Editing in the European Union](#), *ICGMB 2020: International Conference on Genetics and Molecular Biology, World Academy of Science, Engineering and Technology, International Journal of Bioengineering and Life Sciences Vol:14, No:4, April 09- 10, 2020*.
- [20] Misseyanni A., Marouli C. & **Papadopoulou, P.** (2019). [How Teaching Affects Student Attitudes Towards the Environment and Sustainability in Higher Education: An Instructors' Perspective](#), *International Conference on Sustainable Development 7<sup>th</sup> ICSD2019*, pp 172-182, 04-05 September 2019, Rome, Italy.
- [21] Marouli C., **Papadopoulou, P.**, Misseyanni A., Georgas, D., Savvidou, P. & Koutsokali, M. (2019). [A Mediterranean Green Roof-plant growth, substrate depth and composition and type of installation: Process and initial results](#), *International Conference on Sustainable Development 7<sup>th</sup> ICSD 2019, Book of Abstracts pp 29-30*. 04-05 September 2019, Rome, Italy.
- [22] **Papadopoulou, P.**, Marouli C. & Misseyanni A. (2019). [Sustaining Healthcare: Bridging Education with Bio-medical and Healthcare Challenges](#), *International Conference on Sustainable Development 7<sup>th</sup> ICSD 2019* pp 211-223, 04-05 September 2019, Rome, Italy.
- [23] Papageorgiou-George, L. & **Papadopoulou, P.** (2019). Can Artificial Intelligence (AI) Ever Be Conscious? [The 26th international interdisciplinary conference, The Science of Consciousness\(TSC\) 2019](#), *Book of Abstracts: p 255*, June 25-28, Congress Center Interlaken, Switzerland. *Both co-authors had equal contribution*.
- [24] **Papadopoulou, P.**, Marouli, C., Misseyanni, A. & Apostolaki, S., (2018). [Improving learning environments through use of "smart" learning objects in STEM courses](#), *EDULEARN18 Proceedings*, pp. 385-395, 2-4 July, 2018, Palma, Spain.  
*All co-authors after the first had equal contribution. Dr. Papadopoulou orally presented the paper.*
- [25] Misseyanni, A., **Papadopoulou, P.** & Marouli, C., (2018). [Active learning in higher](#)

- [education: instructors' perspectives and practices on pedagogy, teaching methods and assessment](#), *EDULEARN18 Proceedings*, pp. 1642-1652, 2-4 July, 2018, Palma, Spain.  
*All co-authors after the first had equal contribution. Dr. Misseyanni orally presented the paper.*
- [26] Rekkos, I., Canellopoulou, M., **Papadopoulou, P.** (2018). The evolution of consciousness as a function of increasing neural complexity. Human Brain Project-International Conference, [Understanding Consciousness: A scientific quest for the 21st Century](#), June 21-22, Barcelona, Spain. *All co-authors contributed equally to the paper. Mr Rekkos presented the poster.* <http://hbp-ic.com/wp-content/uploads/2018/06/programme-hbp-ic2018.pdf>
- [27] Misseyanni, A., Daniela, L., Lytras, M., **Papadopoulou, P.** & Marouli, C. (2017). [Analyzing active learning strategies in Greece and Latvia: Lessons learnt and the way ahead](#), 11th annual International Technology, Education and Development Conference, *INTED2017 Proceedings*, pp.10117-10124. 6-8 March, 2017, Valencia, Spain. DOI: [10.21125/inted.2017.0940](https://doi.org/10.21125/inted.2017.0940)  
*All co-authors after the first had equal contribution. Dr. Daniela orally presented the paper.*
- [28] Misseyanni, A., Marouli, C., **Papadopoulou, P.** & Lytras, M. (2017). [Exploring collaborative learning as an active learning approach in Higher Education](#). 9th International Conference on Education and New Learning Technologies, *EDULEARN17 Proceedings*, pp. 8041-8050, 3-5 July, 2017, Barcelona, Spain. DOI: [10.21125/edulearn.2017.0479](https://doi.org/10.21125/edulearn.2017.0479)  
*All co-authors after the first had equal contribution. Dr. Misseyanni orally presented the paper.*
- [29] Marouli, C. Misseyanni, A., **Papadopoulou, P.** & Lytras, M. (2017). [Co-teaching in Higher Education: Teaching collaboration "by example" – lessons learnt from selected case studies](#), 9th International Conference on Education and New Learning Technologies, *EDULEARN17 Proceedings*, pp. 4817-4824, 3-5 July, 2017, Barcelona, Spain.  
DOI: [10.21125/edulearn.2017.2069](https://doi.org/10.21125/edulearn.2017.2069)  
*All co-authors after the first had equal contribution. Dr. Lytras orally presented the paper.*
- [30] Lytras, M., **Papadopoulou, P.**, Misseyanni, A., Marouli, C., Alhalabi, W. & Daniela, L. (2017). [Moving virtual and augmented reality in the learning cloud: Design principles for an agora of active visual learning services in STEM education](#), 9th International Conference on Education and New Learning Technologies, *EDULEARN17 Proceedings*, pp. 7673-7678, 3-5 July, 2017, Barcelona, Spain, DOI: [10.21125/edulearn.2017.0395](https://doi.org/10.21125/edulearn.2017.0395)  
*P. Papadopoulou presented orally the paper. All authors had equal contribution.*
- [31] **Papadopoulou, P.**, Lytras, M., Misseyanni, A. & Marouli, C. (2017). [Revisiting evaluation and assessment in STEM education: A multidimensional model of student active engagement](#), 9th International Conference on Education and New Learning Technologies, *EDULEARN17 Proceedings*, pp. 8025-8033, 3-5 July, 2017, Barcelona, Spain. DOI: [10.21125/edulearn.2017.0477](https://doi.org/10.21125/edulearn.2017.0477)  
*P. Papadopoulou presented orally the paper. The co-authors had equal contribution.*
- [32] Lytras, M. & **Papadopoulou, P.** (2017). Virtual reality systems for introductory biology labs: An integrated survey of industry solutions, 12th International Conference, Open education towards a knowledge-based society, DisCo 2017, Prague, Czech Republic  
*Both authors had equal contribution and both orally presented the paper.* <http://disconference.eu/en/about-the-conference/>  
<https://www.disconference.eu/wp-content/uploads/2017/01/DisCo-2017-program-final-1.pdf>
- [33] Marouli, C., Misseyanni, A., **Papadopoulou, P.** & Lytras, M. (2016b). [Game based learning and gamification: Towards the development of a how-to-guide in STEM education](#), 9th International Conference of Education, Research and Innovation, *ICERI2016 Proceedings*, pp. 5343-5352, 14-16 November, 2016, Seville, Spain. DOI: [10.21125/iceri.2016.2299](https://doi.org/10.21125/iceri.2016.2299)

All co-authors after the first had equal contribution. Dr. Marouli orally presented the paper.

- [34] Lytras, M., Misseyanni, A., Marouli, C. & **Papadopoulou, P.** (2016). [Integrating research to teaching in Higher Education: A value chain model for academic excellence and student development](#), 9th International Conference of Education, Research And Innovation, [ICERI2016 Proceedings](#), pp. 5332-5342, 14-16 November, 2016, Seville, Spain. DOI:[10.21125/iceri.2016.2296](#)
- All co-authors after the first had equal contribution. Dr. Lytras orally presented the paper.
- [35] Lytras, M., Marouli, C., and **Papadopoulou, P.** (2016). Best Practices in STEM Education: Using Active Learning and Novel Teaching Methodologies for Education for Innovation and Sustainability, *International Conference: Future of Education*, Florence, Italy, June 29 – July 2, 2016, <http://conference.pixel-online.net/FOE/index.php>
- [36] Marouli, C., Misseyanni, A., **Papadopoulou, P.**, and Lytras, M. (2016). ICT in Education for Sustainability: Contributions and Challenges, *International Conference: Future of Education*, Florence, Italy, June 29 – July 2, 2016, <http://conference.pixel-online.net/FOE/index.php>
- [37] Misseyanni, A., Marouli, Ch., **Papadopoulou, P.**, Lytras, M., and Gastardo, M. (2016). Stories of Active Learning in STEM: Lessons for STEM Education, *International Conference: Future of Education*, Florence, Italy, June 29 – July 2, 2016, <http://conference.pixel-online.net/FOE/index.php>
- [38] Marouli, C., Lytras, M., **Papadopoulou, P.** (2016). [Design guidelines for massive open online courses \(MOOCs\) in STEM: Methodological considerations towards active participatory teaching and learning](#), [EDULEARN16 Proceedings](#), pp. 5686-5693, 4-6 July, 2016, Barcelona, Spain. DOI: [10.21125/edulearn.2016.2359](#)
- [39] **Papadopoulou, P.**, Lytras, M., Marouli, C. (2016). [Capstone projects in STEM education: novel teaching approaches, mentoring and knowledge management for empowering students](#), [EDULEARN16 Proceedings](#), pp. 5675-5685, 4-6 July, 2016, Barcelona, Spain. DOI:[10.21125/edulearn.2016.2358](#)
- [40] **Papadopoulou, P.**, Hamodrakas, S. J. and Galanopoulos, V. K. (1990). Molecular and supramolecular organization of the *Salmo gairdneri* eggshell, Greek-Israeli E.M. symposium (Tel-Aviv, Israel).
- [41] Hamodrakas, S. J. **Papadopoulou, P.**, Orfanidou, C., Kamitsos, E. & Galanopoulos, V. K. (1989). A common molecular architectural feature in helicoidal proteinaceous eggshells, III Balkan Congress on Electron Microscopy, Athens.
- [42] **Papadopoulou, P.**, Hamodrakas, S. J. & Galanopoulos, V. K. (1989). Molecular and supramolecular organization of the *Salmo gairdneri* eggshell, III Balkan Congress on Electron Microscopy, Athens.

### Chaired conference panels

- [1] 12<sup>th</sup> International Conference, *Open education towards a knowledge-based society*, *DisCo2017*, Prague, Czech Republic, Mon 26<sup>th</sup> **ROOM MORAVA PARALLEL SESSION**
- [2] International Conference: "The Future of Education 6th Edition", Friday, 1 July 2016 **Chaired Conference Panel: Second Afternoon Session: 16:40 – 18:45 Room A 16:40 – 18:20**

### Active participation in local conference meetings

- [1] Peristeri, E., Avgeris, S., **Papadopoulou, P.**, Misseyanni, A., Stravopodis, D.J., Voutsinas, G.E. (2013), Establishing a Genetic Test for Neurofibromatosis Type 1, 1st [Panhellenic Conference of SIGE \(Association of Medical Geneticists of Greece\)](#), Athens-Greece, May 28, 2013.
- [2] Avgeris, S., Vrtel, R., Anastasiou, D., **Papadopoulou, P.**, Vodicka, R.,

- Anastasiadou, E., Stravopodis, D.J., Voutsinas, G.E. (2008) Development of a protocol for molecular diagnosis of tuberous sclerosis, [30th Annual Scientific Conference, Hellenic Society for Biological Sciences, E.E.B.E. Thessaloniki pp 40-41](#), Greece.
- [3] **Papadopoulou, P.**, Hamodrakas, S. J. and Galanopoulos, V. K. (1990) Fibrillar organization of the eggshell of the trout *Salmo gairdneri* and electrophoretic profile of its constituent proteins, [12th Annual Scientific Conference, Hellenic Society for Biological Sciences, E.E.B.E. Mitilini](#), Greece.
- [4] **Papadopoulou, P.**, Galanopoulos, V. K. and Hamodrakas, S. J. (1988) The formation of the eggshell of the fish *Salmo gairdneri* as studied by scanning electron microscopy, [10th Annual Scientific Conference, Hellenic Society for Biological Sciences, E.E.B.E. Patra pp 203-206](#), Greece.
- [5] **Papadopoulou, P.** and Hamodrakas, S. J. (1987) Preliminary studies on the morphogenesis of the eggshell of the trout *Salmo gairdneri*, [9th Annual Scientific Conference, Hellenic Society for Biological Sciences, E.E.B.E. Thessaloniki pp70-72](#), Greece.
- [6] Hamodrakas, S. Kamitsos, E. and **Papadopoulou, P.** (1986) laser-Raman spectroscopic studies of the trout *Salmo gairdenri* eggshell, [8th Annual Scientific Conference, Hellenic Society for Biological Sciences, E.E.B.E. Ioannina pp104-105](#), Greece.
- [7] **Papadopoulou, P.** and Hamodrakas, S. J. (1985) Molecular conformation of the amino and carboxy-terminal arms of the silkmoth chorion proteins, [7th Annual Scientific Conference, Hellenic Society for Biological Sciences, E.E.B.E. Heraklio pp118-19](#), Greece.

#### Participation in faculty research seminars

- [1] **2025:** Invited to **present** to Deree-ACG Biomedical Sciences Program Faculty: **Papadopoulou, P.** (2025, July 2). Literature Review Methods: Traditional vs Scoping vs Systematic Reviews. Zenodo. <https://doi.org/10.5281/zenodo.15792406>. A Comprehensive Guide for Biomedical Sciences Researchers and Students, Faculty Training Seminar, July 10, 2025, 10:30-12:30, AC 002, (delivered from 10:30-11:30 a.m.).
- [2] **2018: Presented** at the Faculty Research Seminars “Multifaceted Approaches to Teaching and Learning in Higher Education: Experiences from STEM Disciplines” Presenters: Anastasia Misseyanni, **Paraskevi Papadopoulou**, Christina Marouli, July 9, 2018
- [3] **2012:** Annual Progress of the Research Proposal on NF1- lecture delivered by G.E. Voutsinas at ACG-Deree.
- “Establishing a Genetic Test for Neurofibromatosis Type 1”**  
E. Peristeri<sup>1</sup>, S. Avgeris<sup>1</sup>, P. Papadopoulou<sup>2</sup>, A. Misseyanni<sup>2</sup>, D.J. Stravopodis<sup>3</sup> and G.E. Voutsinas<sup>1,2,4</sup> Lab. of Environmental Mutagenesis and Carcinogenesis, Institute of Biology, NCSR “Demokritos”  
<sup>2</sup>Department of Science, Technology and Mathematics, American College of Greece-Deree  
<sup>3</sup>Department of Cell Biology and Biophysics, Faculty of Biology, University of Athens  
<sup>4</sup>Greek Alliance for Rare Diseases
- [4] **2011:** Annual Progress of the Research Proposal on NF1- lecture delivered by G.E. Voutsinas at ACG-Deree.
- “Establishing a Genetic Test for Neurofibromatosis Type 1”**  
E. Peristeri<sup>1</sup>, S. Avgeris<sup>1</sup>, P. Papadopoulou<sup>2</sup>, A. Misseyanni<sup>2</sup>, D.J. Stravopodis<sup>3</sup> and G.E. Voutsinas<sup>1,2,4</sup> Lab. of Environmental Mutagenesis and Carcinogenesis, Institute of Biology, NCSR “Demokritos”  
<sup>2</sup>Department of Science, Technology and Mathematics, American College of Greece-Deree  
<sup>3</sup>Department of Cell Biology and Biophysics, Faculty of Biology, University of Athens  
<sup>4</sup>Greek Alliance for Rare Diseases
- [5] **2003:** Presented at Deree Faculty Research Seminars a lecture on “Protein Folding and Structure Prediction”, delivered at ACG

#### Workshops/conferences/webinars/academic events participated

- [1] **2026: P. Papadopoulou** presented important findings from the GBD cardiovascular study she has participated in as co-author, '*Global, Regional, and National Burden of Cardiovascular Diseases and Risk Factors in 204 Countries and Territories (1990-2023)*', published by the Journal of the American College of Cardiology, for the ACG event "[The Heart in Music and Medicine](#)", February 13, 2026, ACG Events Hall, DC, Ag. Paraskevi Campus.
- [2] **2025: P. Papadopoulou** presented an update of her research in the "to know us better" department meetings titled "*Scholarly Contributions to Precision Medicine, Digital Health, One Health, Global Health, SDGs and Medical Education*", from 2:30-3:30, May 21, 2025, Biology lab 615, ACG.
- [3] **2025: P. Papadopoulou** participated in the [Deree-Science Day 2025](#), supervising two workshops with three BMS & three ES students on "*AI Innovations in Biomedical and Environmental Sciences: Advancing Research, Healthcare, and Sustainability*", March 15, 2025, Events Hall, ACG.
- [4] **2024: P. Papadopoulou** participated in the department and TLC teaching workshop with a presentation titled "*Interactive teaching in biology: enhancing student engagement*" at LLL, ACG from 14.00-14.30, May 27, 2024 Biology lab 615, ACG.
- [5] **2023: P. Papadopoulou** presented an update of her research in the "to know us better" department meetings titled "*From Cell and Structural Biology to STEM and Biomedical Education*", December 20, 2023, Biology lab 615, ACG.
- [6] **2023: P. Papadopoulou** received Certificate and **has been awarded 15 out of 21 maximum European CME Credits (ECMEC@s) from EACCME®**, European Accreditation Council for Continuing Medical Education, for attending *The European Scientific Conference on Applied Infectious Disease Epidemiology (ESCAIDE) 2023*, Barcelona, Spain, 22/11/2023 - 24/11/2023.
- [7] **2023:** Participated in the Deree Programs Fair 2023 on July 17 to present the BMS program and on July 17 to present the 2+2 Joint programs with Clarkson University
- [8] **2023:** DECODE: Complementary Skills Training Course 2, Seminars and Lectures  
When: June 23, 2023 | 09:00 – 13:00
  - a. Where: 7th Level Auditorium, Deree-ACG, Gravias 6, Aghia Paraskevi
  - b. Organizers: Dr. Sofia Konstantinopoulou MD, FAAP, International Business Intelligence (I.B.I.) & **Dr. Paraskevi Papadopoulou**, Head, Department of Science and Mathematics & Director, Biomedical Sciences Program, Deree-ACG
  - c. Speech delivered: 10:30-11:30| **Professor Paraskevi Papadopoulou:**
  - d. "*The transformative power of A.I.: revolutionizing precision medicine and medical education.*"
  - e. <https://www.acg.edu/events/decode/>
  - f. **P. Papadopoulou** attended the following lectures at the Iatriko Athens Hospital <https://www.decodeitn.eu/post/complementary-skills-training-course-2-seminars-and-lectures>
- [9] **2023:** Supervised student work presented by Erika Lego for the Student symposium 2023, the result of the workshop <https://www.acg.edu/news-events/department-of-college-events-office-of-public-affairs/past-events/>  
<https://sway.office.com/jlPXSn5VmSHmVHyY>
- [10] **2023: P. Papadopoulou** had an active participation in an upcoming event "*Saronida beach cleaning*" co-organized by the CoES on the occasion of the World Environment Day in collaboration with Healthy Seas, Ghost Diving Greece, Sunday May 28, 2023. Location: Saronida beach in Attika, Activity: Underwater cleaning; beach cleaning; educational activities for the public. Target Groups: Deree – Alba students; Pierce students and parents; open to public <https://www.acg.edu/events/saronida-beach-cleaning-2/>
- [11] **2023: P. Papadopoulou** planned and organized the '*Workshop on academic writing in sciences*', April 5, 2023, Events Hall. 14:30 - 17:00, Lectures were delivered by Dept Faculty (see link). <https://www.acg.edu/news-events/department-of-college-events-office-of-public-affairs/past-events>
  - a. **P. Papadopoulou** delivered the following speech: 14:32-14:40| '*Academic writing in the era of Generative Artificial Intelligence (AI) in the sciences*

field'

b. **P. Papadopoulou** delivered the following speech: 14:50-15:00] '*Student support &resources on academic writing available for BMS and ES student*'

[12] **2023:** As Head of the department **P. Papadopoulou** helped to organize the lecture Title: '*The immunology of COVID-19*' by Dr. Evangelos Andreakos, Principal Investigator, Immunology Laboratory, Clinical, Experimental Surgery & Translational Research Center, Biomedical Research Foundation Academy of Athens (BRFAA), When: Tuesday March 14, 14:10-15:10 Where: 7th Level Auditorium, organized by: The Department of Science and Mathematics of The American College of Greece, (invited by Dr. M. Fragkos)

[13] **2023:** As Head of the department **P. Papadopoulou** helped to organize the lecture Title: "*Women in Science and Science for Women*" by Dr. Christina Dalla, Associate Professor of Pharmacology, Medical School, NKUA, Tuesday, February 14, 2023 | 14:10-15:10. Organized by: The Biomedical Sciences Program (invited by Dr. A. Polissidis), the Environmental Studies Program & the Math Area, Department of Science and Mathematics, School of Liberal Arts and Sciences, Deree – The American College of Greece

[14] **2022:** **P. Papadopoulou** participated in active roles in '*Climathon Agia Paraskevi*', on November 18-19, 2022, CLIMATHON Agia Paraskevi which took place at the ACG premises. <https://acg150.acg.edu/news/acg-participates-in-2-out-of-6-climathons-in-greece-for-2022/> <https://acg150.acg.edu/events/coe-in-sustainability/coes-co-organized-climathon-agia-paraskevi-acg/>

[15] **2022:** **P. Papadopoulou** was invited by the organizing committee to present a workshop on November 2, 2022, at the 18th Assembly of the European Pharmaceutical Students' Association (EPSA).

i. **P. Papadopoulou** talked about "*The Synergistic Effect between Academia and Industry in Pharma Innovation: A Case from Greece*"

ii. See event below:

iii. Biomedical Sciences Program Faculty participated in the 18th 'EPSA' Autumn Assembly on OMICS – THE FUTURE IS NOW!

<https://www.acg.edu/news-events/news/biomedical-sciences-faculty-at-epsa/>

[16] **2022:** Participated in the Deree Programs Fair 2022 on July 7 to present the BMS program and on July 8 to present the 2+2 Joint programs with Clarkson University <https://www.acg.edu/events/deree-programs-fair-2022/>

[17] **2022:** Participated in the 1st New European Bauhaus Festival in Greece at the Ellinikon Experience Park between 9 – 12 June 2022. <https://www.acg.edu/news-events/news/acg-first-new-european-bauhaus-festival/>

[18] **2022:** Participated in the European Security and Defence College (ESDC) course on "*Climate Change and Security*" on May 16-18, 2022, at the ACG events hall. <https://www.acg.edu/news-events/news/successful-completion-of-esdc-course-on-climate-change-and-security/>

[19] **2022:** Participated as member of the organizing committee and as speaker plus presented a workshop on electron microscopy for the '*WIBS: Women in Biomedical Sciences 2022*' event on June 18, 2022 at the Biomedical Research Foundation Academy of Athens with the active involvement of Deree faculty.

<https://www.linkedin.com/company/women-in-biosciences-2022>

[https://www.acg.edu/news-events/news/brfaa-event-women-in-biomedical-sciences/?fbclid=IwAR3GS6M86DNTOXwZjoV9p\\_9agL7BcHBilXctDBqRdmvoDjftO36chr\\_RvQ](https://www.acg.edu/news-events/news/brfaa-event-women-in-biomedical-sciences/?fbclid=IwAR3GS6M86DNTOXwZjoV9p_9agL7BcHBilXctDBqRdmvoDjftO36chr_RvQ)

[20] **2022:** Presented the department programs and the Science Labs at the USAID Event,

a. Opening of the Deree STEM Lab & the Pierce Physics Lab - March 16, 2022

[21] **2022:** Organized a department event on '*Women in Science*' on February 10, 2022 which was followed by a major event at the Biomedical Research Foundation Academy of Athens with the active involvement of Deree faculty.

- [22] **2022:** Organized a department event for the Biomedical Sciences and the Environmental Sciences Programs on Internships, Graduate Studies & Career Opportunities. Presented a lecture on Monday, March 14, 14:30 – 15:20, 7th level Auditorium <https://www.acg.edu/events/internships-graduate-studies-career-opportunities/>
- [23] **2022:** Organized a department event for the official opening of the Deree science labs and research spaces on Thursday, November 18, 2021 | 14:10-15:10 (activity hour), in the Biology lab 615 (a tour to all labs followed-Labs 615, 611, 710, and STEM Labs) <https://www.acg.edu/events/official-opening-of-the-deree-science-labs-and-research-spaces-a-day-of-celebration/>
- [24] **2022:** Organized as Head of the Biomedical Sciences Program and the Environmental Studies Program, Department of Science and Mathematics, School of Liberal Arts and Sciences, Deree-The American College of Greece a lecture on “*Why Psychology Lost its Soul*” by **Dr. George Paxinos** on Tuesday, January 11, 2022 | 14:10-15:10, ACG Events Hall <https://www.acg.edu/news-events/news/why-psychology-lost-its-soul-a-lecture-by-eminant-dr-paxinos/>
- [25] **2021:** Organized and presented a hands-on event: ‘*Raising Awareness on AIDS and STIs*’
- December 3, 2021, 10:00-17:00, Biology Lab, Room 615
  - <https://www.acg.edu/events/a-hands-on-event-raising-awareness-on-aids-and-stis/>
- [26] **2021:** Participated in the Deree Majors Fair 2021 on July 13 to present the BMS program and on July 14 to present the 2+2 Joint programs with Clarkson University <https://www.acg.edu/events/deree-majors-fair-2021/>
- [27] **2021:** Had an active role in the organization of the event “*Celebrating the Environment 2021: Reimagine, Recreate, Restore*”, <https://www.acg.edu/events/celebrating-the-environment-2021-reimagine-recreate-restore/>
- organized by the Environmental Studies Program of Deree-ACG, the ACG Center of Excellence in Sustainability, in collaboration with the Deree-ACG Environmental Studies Society and the ACG Sustainability Leaders, on June 7-8, 2021.
  - Day 1: Panelist within the framework of the event, on 17:10-18:20
  - Panel Discussion: ‘*Global Environmental Concerns: the need for integrate multidisciplinary and interdisciplinary action*’;
  - <https://youtu.be/bxBFex4LDv0>
  - Day 2: Delivered a presentation on ‘*Introduction of the Department of Science and Mathematics – Environmental Education Resources*’
  - <https://youtu.be/jmX3C063xl4>
  - Presentation found here: [https://www.acg.edu/wp-content/uploads/2021/06/Dpt-of-Sciences-and-Maths\\_Dr-P-Papadopoulou.pdf](https://www.acg.edu/wp-content/uploads/2021/06/Dpt-of-Sciences-and-Maths_Dr-P-Papadopoulou.pdf)The event appears under acg media and press here:
  - <https://www.acg.edu/news-events/media-and-press/acg-the-ways-various-sectors-can-contribute-to-the-environmental-protection/>
  - <https://www.thenationalherald.com/acg-the-ways-various-sectors-can-contribute-to-the-environmental-protection/>
- [28] **2019:** Attended and participated in the International Conference by Health Daily “*The Future of Healthcare in Greece*” at Divani Caravel, Olympia Hall on Wednesday, March 27, 2019 09:00 <https://www.healthcareconference.gr/history/presentations-2019/>
- [29] **2019:** Participated in the following Expert and Stakeholder Workshop: “*Trends and Challenges for Smart, Green and Healthy Cities 2050*”. February 8, 2019 at Serafio-city of Athens. organized by The Athens Development and Destination Management Agency (A.D.D.M.A.) and the Environmental Engineering Laboratory (EnvE-Lab) of the Aristotle University of Thessaloniki (A.U.Th.), supported by the City of Athens Resilience and Sustainability Office, organized in the frame of the EU funded project ICARUS EU 2020-Integrated Climate Forcing and Air Pollution Reduction in Urban Systems. <https://icarus2020.eu/expert-stakeholder-workshop-trends-challenges-smart-green-healthy-cities-2050-athens-february-8th/>
- [30] **2018:** Attended and participated in the EdmodoCon 2018 (conference), August 7th, 2018, live-streaming the event all around the world through Edmodo.
- [31] **2018:** Attended and participated in the International Conference on Cultural Diversity 1. “*Heterosexism*” workshop, September 26, 2018, 9.00-11.30, Upper Level, John.

- S. Bailey Library. 2. 'Race and Racism' workshop, September 26, 2018, 15.00-17.30, at the Upper Level, John. S. Bailey Library.
- [32] **2018:** Attended and participated in the International Conference on 10th International Conference "Active learning in higher education: instructors' perspectives and practices on pedagogy, teaching methods and assessment" EDULEARN18. 2-4 July, 2018, Palma, Spain.
- [33] **2017:** Attended and participated the International Conference 9th International Conference on 'Education and New Learning Technologies', Barcelona, Spain, EDULEARN17 (Paper and Oral Presentation).
- [34] **2017:** Attended and participated in the 12th International Conference, 'Open education towards acknowledge-based society', DisCo 2017, Prague, Czech Republic.
- [35] **2017:** Participated in the Faculty Development conference "Integrity as a Way Forward" on Friday, 8 September, 2017. Organized by: ICAI (International Center for Academic Integrity) and Deree – The American College of Greece Hosted by: Deree – The American College of Greece
- [36] **2017:** Participated in the Global Liberal Arts Alliance (GLAA) 'Global Liberal Arts Alliance Workshop for Science and Engineering': Faculty workshop held June 18 – 21, 2017 at the American College of Greece (DEREE) in Athens.
- [36]**2016:** Participated in the workshop: Learn to 'Outthink:IBM Watson Technology in Business'. Monday, November 23, 12:00. John S. Bailey Library, Upper Level Organized by: IBM Hellas The Computer Information Systems Department, School of Business, DERE--The American College of Greece. The Information Technology Department, School of Liberal Arts and Sciences, DERE--The American College of Greece.
- 2016:** Participated in the workshop: 'Cognitive Computing with IBM Watson' Thursday, January 12, 2016, 10:30-12:30. Center for the Arts Auditorium Organized by: IT Department, School of Liberal Arts and Sciences CIS Department, School of Business Speaker: Armen Pischdotchian, Academic Tech Mentor, IBM Watson.
- [37] **2016:** Attended/Participated in the Conference: CROME-LIFE+ "Cross-Mediterranean network for environment and health" Closing Conference 20 December 2016, Synedriako 1 room of the Megaron - The Athens Concert Hall, Athens.
- [38] **2016:** Attended/Participated in the Conference: 'Enhancing Teaching and Learning'. Faculty Development Conference organized by Deree-The American College of Greece. Athens, September 12, 2016.
- [39] **2014-2016:** Attended/Participated Workshops on 'Teaching and Learning Faculty Resource Network'. A presentation of DERE--ACG participants in the Summer 2014 FRN programs.
- [40] **2016:** Attended the Conference: 'Examining the Human Genome, Coping with Genetic Diseases', Hellenic Association of Medical Geneticists, Athens, Greece, November 4-6, 2016 The Biomedical Research Foundation (BRFAA) of the Academy of Athens.
- [41] **2016:** Attended and participated the International Conference on 'Education and New Learning Technologies EDULEARN16'. (Paper and Virtual Oral Presentation).
- [42] **2016:** Attended and participated the International Conference: 'Future of Education', Florence Italy, June 29-July2, 2016, (Paper and Oral Presentation) <http://conference.pixel-online.net/FOE/index.php>
- [43] **2015:** Actively participated and assisted in the event: 'A Meteo Day at the American College of Greece'. Inauguration of the Aghia Paraskevi Weather Station at the American College of Greece, part of the National Observatory of Athens network of weather stations. Wednesday, July 15, 17:00-18:00.7th Level Auditorium. Organized by: DERE--Environmental Studies Head and Faculty.
- [44] **2015:** Attended and participated the FEBS 2 full day Workshop on 'Molecular Life Science Education'. 8-9 October 2015, Pasteur Institute, Athens, Greece.

12 papers edited, 32 papers reviewed, 1 research topics hosted

**Serves as Associate Editor for the  
Frontiers in Digital Health-Personalized Medicine**

<https://www.frontiersin.org/journals/digital-health>

Section: **Personalized Medicine Ongoing**

**3.8 Impact Factor, 6.3 CiteScore, 11,970 Citations**

**Serves as Guest Associate Editor- Ongoing**

in **Ethical Digital Health**

14 papers edited & completed 33 reviews total

**Research topic: Ethical Considerations of Large Language Models: Challenges and Best Practices**

**Serves as Review Editor for the  
Frontiers in Digital Health-Personalized Medicine**

<https://www.frontiersin.org/journals/digital-health>

**3.8 Impact Factor, 6.3 CiteScore, 17,941 Citations, completed 14 reviews**

**Evaluated manuscripts for refereed publications: >70  
manuscripts**

**Manuscript Reviewer for:**

- [1] Frontiers in Medicine, completed **2 reviews**
- [2] Frontiers in Neurology, completed **1 review**
- [3] Frontiers in Public Health, completed **7 reviews**
- [4] Frontiers in Education, completed **1 review**
- [5] Frontiers in Psychology, completed **1 review**
- [6] Frontiers in Physiology, completed **1 review**
- [7] Journal The International Review of Research in Open and Distributed learning  
<http://www.irrodl.org/index.php/irrodl>  
**3.17 Impact factor, CiteScore: 4.9 completed 7 reviews**
- [8] Journal Telematics and Informatics  
<https://www.sciencedirect.com/journal/telematics-and-informatics>  
**8.3 Impact factor, 20.4 CiteScore, completed 14 reviews**
- [9] Journal Virtual Reality  
<https://www.springer.com/journal/10055>  
**5.0 Impact factor, completed 13 reviews**
- [10] Journal Computers in Human Behavior  
<https://www.sciencedirect.com/journal/computers-in-human-behavior>  
**8.9 Impact factor, 20.7 CiteScore, completed 4 reviews**
- [11] Journal Cleaner Production  
<https://www.sciencedirect.com/journal/journal-of-cleaner-production>  
**11.1 Impact factor, 18.5 CiteScore, completed 8 reviews**
- [12] Journal: Int. J. of Computational Complexity and Intelligent Algorithms  
<https://www.scimagojr.com/journalsearch.php?q=14500154706&tip=sid>  
**H-INDEX 26, completed 1 review**
- [13] Journal of King Saud University - Computer and Information Sciences  
<https://www.sciencedirect.com/journal/journal-of-king-saud-university-computer-and-information-sciences>

**6.9 Impact Factor, 6.9 CiteScore, H-INDEX 48, completed 2 reviews**

- [14] International Journal of Smart Education and Urban Society  
<https://www.igi-global.com/journal/international-journal-smart-education-urban/188335> completed **1 review**
- [15] Helyion  
<https://www.cell.com/helyion/home>  
completed **3 reviews**
- [16] International Journal of Medical Informatics  
<https://www.sciencedirect.com/journal/international-journal-of-medical-informatics>  
**4.9 Impact Factor, 9.5 CiteScore, completed 1 review**
- [17] For Inderscience Submissions: Journal: Int. J. of Computational Complexity and Intelligent Algorithms  
<https://www.inderscience.com/jhome.php?jcode=ijccia>  
completed **3 reviews**

### Evaluated Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) reports

- [1] **2023: P. Papadopoulou** served as an **expert reviewer** for the thematic assessment report on INVASIVE ALIEN SPECIES AND THEIR CONTROL, See ANNEX V, List of expert reviewers, p886. **Citation:**  
IPBES (2023). Thematic Assessment Report on Invasive Alien Species and their Control of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. Roy, H. E., Pauchard, A., Stoett, P., and Renard Truong, T. (eds.). IPBES secretariat, Bonn, Germany. <https://doi.org/10.5281/zenodo.7430682>
- [2] **2023:** Reviewed the first draft of 6 chapters of the thematic assessment of the '*interlinkages among biodiversity, water, food and health*' (nexus assessment): Submission #215 - (Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) report
- [3] **2023:** Reviewed the draft scoping report on '*assessing the interlinkages among biodiversity, water, food and health in the context of climate change*'. The Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) Submission Number: 449 Created: Fri, 07/03/2020 - 15:50
- [4] **2020:** Reviewed the draft scoping report on the '*underlying causes of biodiversity loss, determinants of transformative change and options for achieving the 2050 vision for biodiversity*'. The Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES). Submission Number: 175 Created: Fri, 07/03/2020 - 15:07
- [5] **2020:** Reviewed the first order draft of '*the invasive alien species assessment*'. The Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) Submission Number: 525 Created: Tue, 10/13/2020 - 10:59
- [6] **2019:** Filed an application form for experts to assist with the scoping of the IPBES '*nexus assessment*'. The Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) Submission Number: 143, Created: Fri, 09/27/2019 - 15:05

### Conducted professional workshops related to expertise 2017-2023

- [1] **P. Papadopoulou**, planned and organized the event World Wide Teach-in Climate and Justice. She delivered a speech titled:  
Title: '*Introducing Biodiversity, Climate Change and Justice to College Students: Using the Deree-ACG Forest as a Living Laboratory*',

Dr. Apostolaki and Dr. Misseyanni had also a major contribution to the event Wednesday, March 22, 14:30 – 15:20, 6th level Auditorium, the Biomedical Sciences Program and the Environmental Studies Program, Department of Science and Mathematics, Deree-ACG <https://www.acg.edu/news-events/department-of-college->

[events-office-of-public-affairs/past-events/](#)

- [2] **2017:** Presented, assisted and coordinated some sessions of the Workshop held at Deree Global Liberal Arts Alliance (GLAA) Global Liberal Arts Alliance Workshop for Science and Engineering: STEM Faculty workshop, June 18 – 21, 2017.
- Engaged Pedagogies I:* Acted as a collaborator and coordinator of the workshop after Dr. Misseyanni's presentation.
  - Assessment of Student Learning:* Presented some results of our team research on innovative ways of assessment and presented a *learning object* that was developed.
  - Sustainability and Action Research:* Acted as a collaborator and coordinator of the workshop after Dr. Marouli's presentation
- [3] Presented, helped and coordinated some sessions of the Workshop held at Deree **Global Liberal Arts Alliance (GLAA)** Global Liberal Arts Alliance Workshop for Science and Engineering: STEM Faculty workshop, June 18 – 21, 2017.
- Engaged Pedagogies I* – Presented by Anastasia Misseyanni, I acted as a collaborator and coordinator of the workshop afterwards
  - Assessment of Student Learning:* Presented some results of our team research on innovative ways of assessment and also presented a *learning object* I had developed
  - Sustainability and Action Research* – Presented by Christina Marouli, I acted as a collaborator and coordinator of the workshop afterwards

### Contribution to conference scientific committees

- [1] Member of MNS2025 Poster & Oral Presentations Evaluation Committee at the [10th Mediterranean Neuroscience Society Conference](#), held in Platanias/Chania, Crete, Greece, from June 7th to June 11th, 2025
- [2] Member of the [Bio<sup>3</sup>25](#) Poster Award Committee for the Biotechnology, Bioinformatics & Bioeconomy Forum: Fostering Collaboration in Industry & Academia, September 15-19, 2025, Technopolis, Gazi - Athens, Greece
- [3] Member of the Scientific Committee of the [BioMed-AI Summer School 2025](#) <https://2025.nanopoulosfoundation.org/lecturers-and-scientific-advisors-2/>
- [4] Participated, as a member for Conference Scientific Committee and as reviewer of DSAI'2020-24 <https://dsai.ws/2022/committees/>
- 10<sup>th</sup> International Conference on 'Software Development and Technologies for Enhancing Accessibility and Fighting Info-exclusion', August 31 - September 2, 2022 - NOVA-IMS, Lisboa, Portugal  
Submissions Reviewed <http://dsai.ws/2022/>  
Proceedings published 2023: <https://dl.acm.org/doi/proceedings/10.1145/3563137>  
<https://dl.acm.org/action/showFmPdf?doi=10.1145%2F3563137>
  - 9<sup>th</sup> International Conference 'Software Development and Technologies for Enhancing Accessibility Fighting Info-exclusion'  
<https://dl.acm.org/doi/proceedings/10.1145/3439231>
  - 11<sup>th</sup> International Conference on 'Software Development and Technologies for Enhancing Accessibility and Fighting Info-exclusion', on 13- 15 November 2024 at Khalifa University, Abu Dhabi, United Arab Emirates (UAE) <https://dsai.ws/2024/>  
Member of the Scientific Committee and Reviewer:  
<https://dsai.ws/2024/about/>
- [5] Helped organize as a member of the [program committee](#) and served as reviewer for the [12<sup>th</sup>-20<sup>th</sup> International Conferences](#), DisCo 2017-2025, Prague, Czech Republic

### External Reviewer

**2024: Program Accreditation Review: P. Papadopoulou served as a Review Panel Member.** Received invitation by the **National Center for Academic Accreditation & Assessment** in the interests of furthering the quality of higher education programs in the Kingdom of Saudi Arabia. **Program Accreditation Review-Institution:** Biotechnology- Taif University, Oct 20-21, 2024. **Review Panel Members:** Dr. Amjad Bajes Khalil, Professor, Department of Bioengineering, King Fahd University of Petroleum & Minerals, Chair. 2. Dr.

Fadilah Sfouq Aleanizy, Associate Professor, KSU, Riyadh, Saudi Arabia, Member & 3. **Dr. Paraskevi Papadopoulou**, Professor, Deree-The American College of Greece, Member.

**2024: Program Accreditation Review: P. Papadopoulou served as a Review Panel Member**, Received invitation by the **National Center for Academic Accreditation & Assessment** in the interests of furthering the quality of higher education programs in the Kingdom of Saudi Arabia. **Program Accreditation Review-Institution:** University of Bisha, Program: Bachelor of Science in Biology. Review Date: February 18-February 20, 2024. **Review Panel Members:** 1. Momna Hejmadi (chair), Professor and Associate Pro Vice Chancellor (Education Quality & Enhancement) University of Bath, UK 2. **Paraskevi Papadopoulou** (member), Professor, Deree-The American College of Greece 3. Jehan Saad Mohammad Alrahimi (member), Associate Professor King Abdulaziz University, KSA 4. Fatmah Galal (Observer) Jouf University, KSA.

**2023: External reviewer of research for faculty promotion at the American University of Ras AlKhaimah (AURAK), United Arab Emirates (UAE)**  
**P. Papadopoulou** served as an external reviewer for the research portfolio of two faculty members in the School of Arts and Sciences at AURAK who had applied for promotion to a higher rank.