

CURRICULUM VITAE
Dr. Paraskevi PAPADOPOULOU
Cell Biologist
Biophysicist

CURRICULUM VITAE

Dr. Paraskevi Papadopoulou

1. Personal Information



NAME: PAPAPOPOULOU Paraskevi
PLACE OF BIRTH: Greece
FIELD OF SPECIALITY: Cell Biologist, Biophysicist
PRESENT POSITION: Professor, Biomedical Sciences & Environmental Studies Programs
Department of Science and Mathematics
Deree-The American College of Greece

COMMUNICATING ADDRESS: Department of Science and Mathematics
Area Biology
Deree-The American College of Greece
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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

2021-present: Biomedical Science Research (BMSR) Team Leader @ Research, Technology, & Innovation Network (RTIN).

2020-2023: Head, Department of Science and Mathematics & Director, Biomedical Sciences Program for a three-year term.

2020 (January- August): Program Coordinator for the Biomedical Sciences Program.

2018-2019: Project Coordinator for the development of the Biomedical Sciences Program.

2017- August 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, Faculty of Biology. Expertise on Biophysics and Cell Biology, in TEM and SEM electron microscopy, freeze-fracturing, freeze-etching, laser-Raman and IR Spectroscopy, X-ray diffraction, PAGE electrophoresis, and protein model application.

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

2023: Applied and was selected to attend the BioMed-AI Summer School <https://biomedai-summerschool.gr/> 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 member 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).

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. Dept. of Biology University of Athens 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 Institute of Research, 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 Silkworm Eggshell Proteins in *Antheraea polyphemus* and *Bombyx mori* and Determination of the Secondary Structure of the Protein Terminal Arms*”.

1981-1982: Undergraduate research projects on Cellular Biology, Molecular Biology, Immunology and Plant Physiology under the supervision of Dr. Cascarano, Dr. Burke, Dr. E. Sercz and Dr. E. Tobin respectively at 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

2020-2023: Head, Department of Science and Mathematics & Director, Biomedical Sciences Program.

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).

2022-present: Appointed as member to a Faculty Advisory Committee for the new STEM labs.

2021-present: Serves as Team Leader of the Biomedical Sciences Research team under the Research, Technology & Innovation Network (RTIN), see ACG 150 site.

<https://acg150.acg.edu/persons/paraskevi-papadopoulou-phd/>

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 (January-August): 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 12th, 13th, 14th, 15th, 16th and 17th International Disco Conference (2017, 2018, 2019, 2020, 2021, 2022, 2023) 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: Biology Professor for the courses at Deree- The American College of Greece:

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-present: Cotaught **ES 3240 Integrated Methods in Environmental Analysis I**

2016: Cotaught **HSE 2215 LE/STEM Human Consciousness: From Brain to Subjectivity**

2010: **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

My research interests focus mostly on basic biophysics and on cellular and molecular problems and these are:

- Use of TEM and SEM techniques to visualize the fibrillar arrangement of eggshell proteins in moths and fish and discern their architecture at molecular level.
- How the proteins "fold" creating three-dimensional functional molecules.
- How proteins assemble and interact so as to perform important biological functions
- Biochemical analysis of the eggshell constituent proteins.
- Application of computer programs for the analysis of protein sequences and prediction of their secondary and tertiary structures.
- Development of genetic testing protocols for genetic disorders such as tuberous sclerosis.
- Research on Molecular Diagnosis of 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 innovative ways of teaching and learning in Higher Education and STEM Education.
- Research on Green Roofs, Sustainability in Higher Education, Sexually Transmitted Diseases, Medical Education and Healthcare.

Some of the above research projects have been financially supported by the University of Athens Π.Α.Ε.Τ 84 & Π.Α.Ε.Τ. 87 and ΠΕΝΕΔ 94 as they were submitted by Dr. S. J. Hamodrakas. The Research project on NF1 was funded by ACG-Deree.

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.
<https://acq150.acq.edu/news/the-coes-joins-eu-erasmus-project-on-sdgs-in-higher-education/>
<https://www.uni-med.net/projects/sdg4u/>
<https://www.uni-med.net/news/promotion-of-civic-engagement-and-responsibility-to-enhance-the-educational-experience-of-young-students-launch-of-a-new-strategic-project/>

Publications in international refereed journals

- [1] Schumacher, Austin E et al. & GBD 2021 Demographics Collaborators, (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.](#) *The Lancet*, Volume 0, Issue 0. [http://dx.doi.org/10.1016/S0140-6736\(24\)00476-8](http://dx.doi.org/10.1016/S0140-6736(24)00476-8). **P. Papadopoulou** listed as one of its co-authors (under GBD 2021 Demographics Collaborators)
- [2] Mensah, G. A., Fuster, V., Murray, C. J. L., Roth, G. A., & Global Burden of Cardiovascular Diseases and Risks Collaborators (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> **P. Papadopoulou** listed as one of its co-authors (under Global Burden of Cardiovascular Diseases and Risks Collaborators).
- [3] 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>
- [4] GBD 2019 IMID Collaborators (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>. **P. Papadopoulou** listed as one of its co-authors (under GBD 2019 IMID Collaborators).
- [5] [5] GBD 2021 Anaemia Collaborators. (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). **P. Papadopoulou** listed as one of its co-authors (under GBD 2021 Anaemia Collaborators).
- [6] **Papadopoulou, P.** & Lytras, M. (2023). Advancing precision medicine in medical education: Integrated, precise and data-driven smart solutions. *Appl. Res.* e202200131. <https://doi.org/10.1002/appl.202200131>
- [7] 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.](#) *Front. Sustain. Cities* *3*:796441.
- [8] **Papadopoulou, P.**, Marouli, C. & Misseyanni, A. (2020). [Sustaining Healthcare: Bridging Education with Biomedical and Healthcare Challenges.](#) *European Journal of Sustainable Development*, *9(2)*, 211.
- [9] Misseyanni, A., Marouli, C. & **Papadopoulou, P.** (2020). [How Teaching Affects Student Attitudes towards the Environment and Sustainability in Higher Education: An Instructors' Perspective.](#) *European Journal of Sustainable Development*, *9(2)*, 172.
- [10] Lytras, M.D., Alhalabi, W., Torres Ruiz, M.J., **Papadopoulou, P.** & Marouli, C. (2016). [Emerging Technologies for Engineering Education: Flexibility, Consistent exploration, Realism, Integration, and Sustainable Development for Active Learning,](#) *International Journal of Engineering Education*, *32(4)*, 1560-1565.

- [11] **Papadopoulou, P.**, Galanopoulos, V. K. & Hamodrakas, S. J. (1996) [Molecular and supramolecular architecture of the *Salmo gairdneri* proteinaceous eggshell during development](#), *J. Struct. Biology*, 116:399-412.
- [12] Hamodrakas, S.J., Kamitsos, E. I. & **Papadopoulou, P.G.** (1987). [Laser-Raman and infrared spectroscopic studies of protein conformation in the eggshell of the fish *Salmo gairdneri*](#). *Biochim. Biophys. Acta* 913:163-169. PMID: 3593737.

Book publications

- [1] Coedited and coauthored the book:
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
- [2] 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](#). Emerald Publishing Limited, Howard House, Wagon Lane, Bingley BD16 1WA, UK, DOI10.1108/9781787144873
- [3] Coedited and coauthored the book:
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

Published book chapters/prefaces

- [1] 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>
- [2] **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&Smart Healthcare, 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>.
- [3] **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>
- [4] 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>
- [5] Lytras, M. D., **Papadopoulou, P.** & Sarirete, A. (2020). [Smart Healthcare: emerging technologies, best practices, and sustainable policies](#), in Lytras, M.D. and Sarirete (Ed.), *Next Gen 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>
- [6] **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>
- [7] 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-challenges/208851>
- [8] **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>
- [9] 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>
- [10] **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>
- [11] 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>
- [12] Misseyanni, A., Lytras, M.D., **Papadopoulou, P.** & Marouli, C. (2018). [Introduction](#) 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.1-13.
<https://www.emerald.com/insight/publication/doi/10.1108/9781787144873>
- [13] 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.) *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>
- [14] 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>
- [15] 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.**, Apostolaki, S. & Misseyanni, A. (2023) [Introducing Biodiversity, Climate Change and Justice to College Students: Using the Deree-ACG Forest as a Living Laboratory](#), *ICERJ2023 Proceedings*, pp. 3803-3812. 13-15 November, 2023, Seville, Spain.
- [2] **Papadopoulou, P.** & Apostolaki, S. (2023). [Exploring the Role of Artificial Intelligence towards Reducing the Climate Change Impacts on Public Health](#). *SafeAttica 2023 – 10th International Conference on Civil Protection & New Technologies*, pp. 189-192. ISSN 2654-1823 25 - 27 September, War Museum, Athens, Greece. www.safeattica.com
www.safeattica.gr
- [3] 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).
- [4] **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](https://doi.org/10.21125/edulearn.2022.1927). Conference paper & virtual presentation.
- [5] **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>
- [6] **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
- [7] 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.
- [8] 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*.
- [9] 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*.
- [10] 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 7th ICSD 2019*, pp 172-182](#), 04-05 September 2019, Rome, Italy.
- [11] 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 7th ICSD 2019, Book of Abstracts* pp 29-30](#). 04-05 September 2019, Rome, Italy.
- [12] **Papadopoulou, P.**, Marouli C. & Misseyanni A. (2019). [Sustaining Healthcare: Bridging Education with Bio-medical and Healthcare Challenges, *International Conference on Sustainable Development 7th ICSD 2019* pp 211-223](#), 04-05 September 2019, Rome, Italy.
- [13] 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.*
- [14] **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.
- [15] 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.
- [16] Reklós, 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, Barcellona, Spain. *All co-authors contributed equally to the paper. Mr Reklós presented the poster.*
<http://hbp-ic.com/wp-content/uploads/2018/06/programme-hbp-ic2018.pdf>
- [17] 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](#)
All co-authors after the first had equal contribution. Dr. Daniela orally presented the paper.
- [18] 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](#)
All co-authors after the first had equal contribution. Dr. Misseyanni orally presented the paper.
- [19] 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](#)
All co-authors after the first had equal contribution. Dr. Lytras orally presented the paper.
- [20] 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](#)
P. Papadopoulou presented orally the paper. All authors had equal contribution.
- [21] **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](#)
P. Papadopoulou presented orally the paper. The co-authors had equal contribution.
- [22] 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>
- [23] 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](#)
All co-authors after the first had equal contribution. Dr. Marouli orally presented the paper.
- [24] 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.
- [25] 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>
- [26] 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>
- [27] 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>
- [28] 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](#)
- [29] **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](#)
- [30] **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).
- [31] 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.
- [32] **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] *12th International Conference, Open education towards a knowledge-based society, DisCo 2017, Prague, Czech Republic, Mon 26th 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] 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.
- [2] **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.
- [3] **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.
- [4] **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.
- [5] 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.
- [6] **Papadopoulou, P.** and Hamodrakas, S. J. (1985) Molecular conformation of the amino and carboxy-terminal arms of the silkworm 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] **2023: Presented** at a department series of FT faculty lectures the following: “From Cell and Structural Biology to STEM and Biomedical Education”, December 20, 2023
- [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. Peristeri¹, S. Avgeris¹, P. Papadopoulou², A. Misseyanni², D.J. Stravopodis³ and G.E. Voutsinas^{1,2,4}
¹ Lab. of Environmental Mutagenesis and Carcinogenesis, Institute of Biology, NCSR “Demokritos”
² Department of Science, Technology and Mathematics, American College of Greece-Deree
³ Department of Cell Biology and Biophysics, Faculty of Biology, University of Athens
⁴ 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. Peristeri¹, S. Avgeris¹, P. Papadopoulou², A. Misseyanni², D.J. Stravopodis³ and G.E. Voutsinas^{1,2,4}
¹ Lab. of Environmental Mutagenesis and Carcinogenesis, Institute of Biology, NCSR “Demokritos”
² Department of Science, Technology and Mathematics, American College of Greece-Deree
³ Department of Cell Biology and Biophysics, Faculty of Biology, University of Athens
⁴ 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] **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.
- [2] **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
- [3] **2023:** DECODE: Complementary Skills Training Course 2, Seminars and Lectures
When: June 23, 2023 | 09:00 – 13:00
Where: 7th Level Auditorium, Deree-ACG, Gravias 6, Aghia Paraskevi
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
Speech delivered: 10:30-11:30| **Professor Paraskevi Papadopoulou:**
“*The transformative power of A.I.: revolutionizing precision medicine and medical education.*”
<https://www.acg.edu/events/decode/>
P. Papadopoulou attended the following lectures at the Iatriko Athens Hospital
<https://www.decodeitn.eu/post/complementary-skills-training-course-2-seminars-and-lectures>
- [4] 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>
- [5] **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/>
- [6] **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>
P. Papadopoulou delivered the following speech: 14:32-14:40| ‘*Academic writing in the era of Generative Artificial Intelligence (AI) in the sciences field*’
P. Papadopoulou delivered the following speech: 14:50-15:00| ‘*Student support & resources on academic writing available for BMS and ES student*’
- [7] **2023:** As Head of the department **P. Papadopoulou** helped to organize the lecture Title: ‘*The immunology of COVID-19*’ by Dr. Evangelos Andreacos, 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)
- [8] **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

- [9] **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/>
- [10] **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).
P. Papadopoulou talked about “*The Synergistic Effect between Academia and Industry in Pharma Innovation: A Case from Greece*”
See event below:
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/>
- [11] **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/>
- [12] **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/>
- [13] **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/>
- [14] **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_9aqL7_BcHBilXctDBqRdmvoDjfTO36chrRvQ
- [15] **2022:** Presented the department programs and the Science Labs at the USAID Event, Opening of the Deree STEM Lab & the Pierce Physics Lab - March 16, 2022
- [16] **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.
- [17] **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/>
- [18] **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/>
- [19] **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/>
- [20] **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/>
- [21] **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/>
- [22] **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.
a. 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>
b. Day 2: Delivered a presentation on ‘*Introduction of the Department of Science and Mathematics – Environmental Education Resources*’
<https://youtu.be/jmX3C063xI4>
Presentation found here: 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/>
- [23] **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/>
- [24] **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/>
- [25] **2018:** Attended and participated in the EdmodoCon 2018 (conference), August 7th, 2018 live-streaming the event all around the world through Edmodo
- [26] **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.
- [27] **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
- [28] **2017:** Attended and participated the International Conference 9th International Conference on ‘*Education and New Learning Technologies*’, Barcelona, Spain, EDULEARN17 (Paper and Oral Presentation).
- [29] **2017:** Attended and participated in the *12th International Conference, ‘Open education towards a knowledge-based society’, DisCo 2017*, Prague, Czech Republic.
- [30] **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
- [31] **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.
- [32] **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, DEREEThe American

- College of Greece. The Information Technology Department, School of Liberal Arts and Sciences, DERE–The American College of Greece
- [33] **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
- [34] **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.
- [35] **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.
- [36] **2014-2016:** Attended/Participated Workshops on '*Teaching and Learning Faculty Resource Network*'. A presentation of DERE--ACG participants in the Summer 2014 FRN programs
- [37] **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
- [38] **2016:** Attended and participated the International Conference on '*Education and New Learning Technologies EDULEARN16*'. (Paper and Virtual Oral Presentation).
- [39] **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>
- [40] **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
- [41] **2015:** Attended and participated the FEBS 2 full day Workshop on '*Molecular Life Science Education*'. 8-9 October 2015, Pasteur Institute, Athens, Greece

Editorial Roles

Serves as review editor for the

Frontiers in Digital Health-Personalized Medicine

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

2.2 CiteScore, 3,325 Citations, completed 9 reviews for Personalized Medicine + 5 more

- [1] ORIGINAL RESEARCH article
Front. Digit. Health, 26 January 2024
Sec. Health Informatics
Volume 6 - 2024 | <https://doi.org/10.3389/fgth.2024.1336050>
- [2] PERSPECTIVE article
Front. Digit. Health, 07 December 2023Sec.
Health Informatics
Volume 5 - 2023 | <https://doi.org/10.3389/fgth.2023.1322428>
- [3] METHODS article
Front. Digit. Health, 27 October 2023Sec.
Health Informatics
Volume 5 - 2023 | <https://doi.org/10.3389/fgth.2023.1192975>
- [4] GENERAL COMMENTARY
articleFront. Digit. Health, 31 July 2023
Sec. Personalized Medicine
Volume 5 - 2023 | <https://doi.org/10.3389/fgth.2023.1214111>
- [5] PERSPECTIVE article
Front. Digit. Health, 18 July 2022
Sec. Human Factors and Digital Health
<https://doi.org/10.3389/fgth.2022.897250>
- [6] ORIGINAL RESEARCH article
Front. Digit. Health, 18 November 2022Sec.
Personalized Medicine
Volume 4 - 2022 | <https://doi.org/10.3389/fgth.2022.964582>
- [7] ORIGINAL RESEARCH article

Dr. Papadopoulou P. CV

- Front. Digit. Health, 15 September 2022Sec.
Personalized Medicine
Volume 4 - 2022 | <https://doi.org/10.3389/fgth.2022.845453>
- [8] REVIEW article
Front. Digit. Health, 17 August 2022Sec.
Personalized Medicine
Volume 4 - 2022 | <https://doi.org/10.3389/fgth.2022.916810>
- [9] ORIGINAL RESEARCH article
Front. Digit. Health, 03 May 2022Sec.
Personalized Medicine
Volume 4 - 2022 | <https://doi.org/10.3389/fgth.2022.748400>
- [10] ORIGINAL RESEARCH article
Front. Digit. Health, 13 January 2022Sec.
Health Informatics
Volume 3 - 2021 | <https://doi.org/10.3389/fgth.2021.772356>
- [11] ORIGINAL RESEARCH article Front.
Digit. Health, 22 February 2021Sec.
Personalized Medicine
Volume 3 - 2021 | <https://doi.org/10.3389/fgth.2021.640685>
- [12] PERSPECTIVE article
Front. Digit. Health, 27 August 2021Sec.
Personalized Medicine
Volume 3 - 2021 | <https://doi.org/10.3389/fgth.2021.710644>
- [13] REVIEW article
Front. Digit. Health, 25 June 2021Sec.
Personalized Medicine
Volume 3 - 2021 | <https://doi.org/10.3389/fgth.2021.645232>
- [14] STUDY PROTOCOL article
Front. Digit. Health, 12 April 2021Sec.
Personalized Medicine
Volume 3 - 2021 | <https://doi.org/10.3389/fgth.2021.635524>

Evaluated manuscripts for refereed publications: >60 manuscripts

Manuscript Reviewer for:

[1] Frontiers in Public Health

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

5.2 Impact Factor, 3.8 CiteScore, 102,530 Citations, completed 7 reviews

- a. REVIEW article
Front. Public Health, 20 September 2023
Sec. Aging and Public Health
Volume 11 - 2023 | <https://doi.org/10.3389/fpubh.2023.1169192>
- b. PERSPECTIVE article
Front. Public Health, 06 September 2023Sec.
Digital Public Health
Volume 11 - 2023 | <https://doi.org/10.3389/fpubh.2023.1225222>
- c. REVIEW article
Front. Public Health, 20 July
2023Sec. Digital Public Health
Volume 11 - 2023 | <https://doi.org/10.3389/fpubh.2023.1213615>
- d. REVIEW article
Front. Public Health, 20 July 2023
Sec. Digital Public Health
Volume 11 - 2023 | <https://doi.org/10.3389/fpubh.2023.1213615>
- e. ORIGINAL RESEARCH article
Front. Public Health, 10 June 2022
Sec. Digital Public Health
Volume 10 - 2022 | <https://doi.org/10.3389/fpubh.2022.837433>
- f. REVIEW article
Front. Public Health
Sec. Aging and Public Health
Volume 11 - 2023 | [doi: 10.3389/fpubh.2023.1169192](https://doi.org/10.3389/fpubh.2023.1169192)
- g. CURRICULUM, INSTRUCTION, AND PEDAGOGY
articleFront. Public Health, 20 August 2019
Sec. Public Health Education and Promotion
Volume 7 - 2019 | <https://doi.org/10.3389/fpubh.2019.00232>

[2] Frontiers in Education

<https://www.frontiersin.org/journals/education>

2.3 Impact Factor, 2.3 CiteScore, 10,914 Citations, completed 1 review
BRIEF RESEARCH REPORT article
Front. Educ., 03 April 2020

Sec. Educational Psychology
Volume 5 - 2020 | <https://doi.org/10.3389/feduc.2020.00031>

- [3] **Frontiers in Psychology**
<https://www.frontiersin.org/journals/psychology>
3.8 Impact Factor, 4.5 CiteScore, 531,938 Citations, completed 1 review
PERSPECTIVE article
Front. Psychol., 13 August 2020
Educational Psychology
Volume 11 - 2020 | <https://doi.org/10.3389/fpsyg.2020.01878>
- [4] **Frontiers in Physiology**
<https://www.frontiersin.org/journals/physiology>
4.0 Impact Factor, 6.1 CiteScore, 271,599 Citations, completed 1 review
ORIGINAL RESEARCH article
Front. Physiol., 25 January 2024
Sec. Clinical and Translational Physiology
Volume 15 - 2024 | <https://doi.org/10.3389/fphys.2024.1327948>
- [5] **Journal The International Review of Research in Open and Distributed Learning**
<http://www.irrodl.org/index.php/irrodl>
0.734 Impact factor with a H5 index of 36, completed 7 reviews
- [5] **Journal Telematics and Informatics**
<https://www.sciencedirect.com/journal/telematics-and-informatics>
8.5 Impact factor, 16 CiteScore, completed 14 reviews
- [6] **Journal Virtual Reality**
<https://www.springer.com/journal/10055>
4.2 Impact factor, completed 13 reviews
- [7] **Journal Computers in Human Behavior**
<https://www.sciencedirect.com/journal/computers-in-human-behavior>
9.9 Impact factor, 17.8 CiteScore, completed 4 reviews
- [8] **Journal Cleaner Production**
<https://www.sciencedirect.com/journal/journal-of-cleaner-production>
11.1 Impact factor, 18.5 CiteScore, completed 8 reviews
- [9] **Journal: Int. J. of Computational Complexity and Intelligent Algorithms**
<https://www.scimagojr.com/journalsearch.php?q=14500154706&tip=sid>
H-INDEX 21, completed 1 review
- [10] **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
- [11] **International Journal of Smart Education and Urban Society**
<https://www.igi-global.com/journal/international-journal-smart-education-urban/188335>
completed 1 review
- [12] **Helyion**
<https://www.cell.com/heliyon/home>
4 Impact Factor, completed 3 reviews
- [13] **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
- [14] **For Inderscience Submissions: Journal: Int. J. of Computational Complexity and Intelligent Algorithms**
<https://www.inderscience.com/jhome.php?icode=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. Misseynanni 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] **2020-22:** Participated, as a member for Conference Scientific Committee and as reviewer of DSAI'2020-22
 - a. International Conference on '*Software Development and Technologies for Enhancing Accessibility and Fighting Info-exclusion*'
10th International Conference '*Software Development and Technologies for Enhancing Accessibility Fighting Info-exclusion*'- Submissions Reviewed
<http://www.dsai.ws/> <https://dl.acm.org/action/showFmPdf?doi=10.1145%2F3563137>
 - b. 9th International Conference '*Software Development and Technologies for Enhancing Accessibility Fighting Info-exclusion*'- Submissions Reviewed <http://www.dsai.ws/>
<https://dl.acm.org/doi/proceedings/10.1145/3439231?tocHeading=heading9>
- [3] Helped organize as a member of the program committee and served as reviewer for the 12th, 13th, 14th, 15th, 16th, 17th and 18th International Conferences, DisCo 2017-2023, Prague, Czech Republic
<http://disconference.eu/en/about-the-conference/>
- [4] **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.
 - a. *Engaged Pedagogies I:* Acted as a collaborator and coordinator of the workshop after Dr. Misseynanni's presentation.
 - b. *Assessment of Student Learning:* Presented some results of our team research on innovative ways of assessment and presented a *learning object* that was developed.
 - c. *Sustainability and Action Research:* Acted as a collaborator and coordinator of the workshop after Dr. Marouli's presentation

- [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] 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] Participated, as a member for Conference Scientific Committee and as reviewer of DSAI'2020-22
- International Conference on '*Software Development and Technologies for Enhancing Accessibility and Fighting Info-exclusion*'
10th International Conference Software Development and Technologies for Enhancing Accessibility Fighting Info-exclusion 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>
9th International Conference '*Software Development and Technologies for Enhancing Accessibility Fighting Info-exclusion*'
<https://dl.acm.org/doi/proceedings/10.1145/3439231>
- [2] Helped organize as a member of the program committee and served as reviewer for the 12th-18th International Conferences, DisCo 2017-2023, Prague, Czech Republic
<http://disconference.eu/en/about-the-conference/>

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.

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.