

# Athens Journal of Education

Quarterly Academic Periodical, Volume 13, Issue 3

Published by the Athens Institute

URL: <https://www.athensjournals.gr/aje> Email: [journals@atiner.gr](mailto:journals@atiner.gr)

e-ISSN: 2241-7958 DOI: 10.30958/aje

August 2026

# Athens Journal of Education

Quarterly Academic Periodical, Volume 13, Issue 3, August 2026

Published by the Athens Institute

URL: <https://www.athensjournals.gr/aje> Email: [journals@atiner.gr](mailto:journals@atiner.gr)

e-ISSN: 2241-7958 DOI: 10.30958/aje

## Front Pages

*ELENI COUKOS ELDER, TWIANIE ROBERTS & JANET FINCH*

[The ABD \(All but Dissertation\) Cohort Program: Challenges and Opportunities](#)

*SALOMÉ ROMYLOS & MATTHYS UYS*

[B.Ed. Students' Perceptions of Cooperative learning in an English Language Class in South Africa](#)

*MINNA MAUNULA & HEIDI HARJU-LUUKKAINEN*

[Four Dimensions of Doctoral Expertise: Graduates' Reflections on Learning During Doctoral Studies](#)

*DANIELA LUDIN, PASCALE SCHUSTER, JAKOB STEININGER, ERIKA MUELLER & WANJA WELLBROCK*

[Studying Sustainably: An Empirical Study on the Importance of Sustainability when Choosing a University](#)

*PETRA CAJNKO, ROBERT REPNIK, MATEJ MENCINGER & EVA KLEMENČIČ*

[Enhancing Sustainability Competence: A Case Study of Physics and Mathematics Curricula at the University of Maribor](#)

*EVA KLEMENČIČ, ROBERT REPNIK, MATEJ MENCINGER & PETRA CAJNKO*

[Energy Literacy in STEM: Opportunities for Interdisciplinary Integration in Higher Education](#)

*DAVUT HOTAMAN & EMRAH ÖZCAN*

[Examining the Levels of the Faculty of Education Students' Possession of the Values in the European Living Values Education Program: Yildiz Technical University Case](#)

*JELENA MAKSIMOVIĆ*

[Teaching Quality in Serbian Higher Education during Crises: A Qualitative Case Study of Professors and Students' Reflections](#)

*ANICA HUNJET*

[Aquiring Knowledge via Higher Education in order to meet the Labor Market's Needs](#)

*SERWAN M J BABAN*

[Strategically Managing Enabling Resources in Higher Education Institutions to Realistically Support their Core Functions and Activities](#)

# Athens Journal of Education

*Published by the Athens Institute*

## Editors

- **Dr. John Spiridakis**, Academic Member, Athens Institute & Chair and Professor, St. John University, USA.
- **Dr. Nick Linardopoulos**, Head, Education Unit, Athens Institute & Associate Teaching Professor & Public Speaking Course Coordinator, Rutgers University, USA.
- **Dr. Zoi Philippakos**, Academic Member, Athens Institute & Assistant Professor, University of Tennessee, Knoxville, USA.

<https://www.athensjournals.gr/aje/eb>

## Administration of the Journal

1. Vice President of Publications: Dr Zoe Boutsioli
2. General Managing Editor of all Athens Institute's Publications: Ms. Afrodete Papanikou
3. ICT Managing Editor of all Athens Institute's: Mr. Kostas Spyropoulos
4. Managing Editor of this Journal: Dr. Aleksandra Tryniecka ([bio](#))

*Athens Institute is an Athens-based World Association of Academics and Researchers based in Athens. Athens Institute is an independent and non-profit Association with a Mission to become a forum where Academics and Researchers from all over the world can meet in Athens, exchange ideas on their research and discuss future developments in their disciplines, as well as engage with professionals from other fields. Athens was chosen because of its long history of academic gatherings, which go back thousands of years to Plato's Academy and Aristotle's Lyceum. Both these historic places are within walking distance from Athens Institute's downtown offices. Since antiquity, Athens was an open city. In the words of Pericles, Athens "...is open to the world, we never expel a foreigner from learning or seeing". ("Pericles' Funeral Oration", in Thucydides, *The History of the Peloponnesian War*). It is Athens Institute's mission to revive the glory of Ancient Athens by inviting the World Academic Community to the city, to learn from each other in an environment of freedom and respect for other people's opinions and beliefs. After all, the free expression of one's opinion formed the basis for the development of democracy, and Athens was its cradle. As it turned out, the Golden Age of Athens was in fact, the Golden Age of the Western Civilization. Education and (Re)searching for the 'truth' are the pillars of any free (democratic) society. This is the reason why Education and Research are the two core words in Athens Institute's name.*

The **Athens Journal of Education** (AJE) is an Open Access quarterly double-blind peer reviewed journal and considers papers from all areas of history. Many of the papers published in this journal have been presented at the various conferences sponsored by the [Education Unit](#) of the Athens Institute. All papers are subject to Athens Institute's Publication Ethical Policy and Statement.

Athens Journal of Education  
ISSN NUMBER: 2241-7958 - DOI: 10.30958/aje  
Volume 13, Issue 3, August 2026  
Download the entire issue ([PDF](#))

<b><u>Front Pages</u></b>	i-viii
<a href="#"><u>The ABD (All but Dissertation) Cohort Program: Challenges and Opportunities</u></a> <i>Eleni Coukos Elder, Twianie Roberts &amp; Janet Finch</i>	403
<a href="#"><u>B.Ed. Students' Perceptions of Cooperative learning in an English Language Class in South Africa</u></a> <i>Salomé Romylos &amp; Matthys Uys</i>	421
<a href="#"><u>Four Dimensions of Doctoral Expertise: Graduates' Reflections on Learning During Doctoral Studies</u></a> <i>Minna Maunula &amp; Heidi Harju-Luukkainen</i>	439
<a href="#"><u>Studying Sustainably: An Empirical Study on the Importance of Sustainability when Choosing a University</u></a> <i>Daniela Ludin, Pascale Schuster, Jakob Steininger, Erika Mueller &amp; Wanja Wellbrock</i>	457
<a href="#"><u>Enhancing Sustainability Competence: A Case Study of Physics and Mathematics Curricula at the University of Maribor</u></a> <i>Petra Cajnko, Robert Repnik, Matej Mencinger &amp; Eva Klemenčič</i>	471
<a href="#"><u>Energy Literacy in STEM: Opportunities for Interdisciplinary Integration in Higher Education</u></a> <i>Eva Klemenčič, Robert Repnik, Matej Mencinger &amp; Petra Cajnko</i>	489
<a href="#"><u>Examining the Levels of the Faculty of Education Students' Possession of the Values in the European Living Values Education Program: Yildiz Technical University Case</u></a> <i>Davut Hotaman &amp; Emrah Özcan</i>	511
<a href="#"><u>Teaching Quality in Serbian Higher Education during Crises: A Qualitative Case Study of Professors and Students' Reflections</u></a> <i>Jelena Maksimović</i>	533
<a href="#"><u>Acquiring Knowledge via Higher Education in order to meet the Labor Market's Needs</u></a> <i>Anica Hunjet</i>	545
<a href="#"><u>Strategically Managing Enabling Resources in Higher Education Institutions to Realistically Support their Core Functions and Activities</u></a> <i>Serwan M J Baban</i>	569

# Athens Journal of Education

## **Editorial and Reviewers' Board**

### Editors

- **Dr. John Spiridakis**, Academic Member, Athens Institute & Chair and Professor, St. John University, USA.
- **Dr. Nick Linardopoulos**, Head, Education Unit, Athens Institute & Associate Teaching Professor & Public Speaking Course Coordinator, Rutgers University, USA.
- **Dr. Zoi Philippakos**, Academic Member, Athens Institute & Assistant Professor, University of Tennessee, Knoxville, USA.

### Editorial Board

- Dr. Sharon Vaughn, Academic Member, Athens Institute & Professor and Executive Director, The University of Texas at Austin and The Meadows Center for Preventing Educational Risk, USA.
- Dr. Effie Kritikos, Academic Member, Athens Institute & Professor and Division Chair of Education, Governors State University, USA.
- Dr. Elsa Fourie, Academic Member, Athens Institute & Professor & Director, North-West University, South Africa.
- Dr. Sónia Pais, Associate Professor, Polytechnic Institute of Leiria, Portugal.
- Dr. Effie Efthymiou, Academic Member, Athens Institute & Assistant Professor, United Arab Emirates University (UAEU), UAE.
- Dr. Ashlea Rineer-Hershey, Assistant Professor and Education Transition Programming Coordinator, Slippery Rock University, USA.
- Dr. Lorna Hamilton, Academic Member, Athens Institute & Senior Lecturer, School of Education University of Edinburgh, UK.
- Dr. Yaacov Julian Katz, Academic Member, Athens Institute & Lecturer and Researcher in Social Psychology of Education, Bar-Ilan University, Israel.
- Dr. Sandra M. Harris, Academic Member, Athens Institute & Assessment Director, Walden University, USA.
- Dr. Jose Francisco Duran Medina, Professor, Department of Pedagogy, University of Castilla–La Mancha, Spain.
- Dr. Roger B. Hill, Professor, University of Georgia, USA.
- Dr. Azita Manouchehri, Professor, Ohio State University, USA.
- Dr. Macleans A. Geo-JaJa, Professor of Economics and Education, David O. McKay School of Education, Brigham Young University, USA.
- Dr. Dijana Karuovic, Professor, Technical Faculty “Mihajlo Pupin” Zrenjanin, Serbia.
- Dr. Mohinder Partap Satija, Professor, Guru Nanak Dev University, India.
- Dr. Aieman Ahmad Al-Omari, Professor, The Hashemite University, Jordan.
- Dr. Michael F. Shaughnessy, Professor, School of Education, Eastern New Mexico University, USA.
- Dr. Trish Stoddart, Professor, Education Department, University of California, USA.
- Dr. Kamini Jaipal Jamani, Associate Professor, Brock University, Canada.
- Dr. Francisco Javier Fernandez Rio, Associate Professor, Educational Sciences Department, University of Oviedo, Spain.

- **Vice President of Publications:** Dr Zoe Boutsoli
- **General Managing Editor of all Athens Institute's Publications:** Ms. Afrodete Papanikou
- **ICT Managing Editor of all Athens Institute's Publications:** Mr. Kostas Spyropoulos
- **Managing Editor of this Journal:** Ms. Eirini Lentzou ([bio](#))

### **Reviewers' Board**

[Click Here](#)

# President's Message

All Athens Institute's publications including its e-journals are open access without any costs (submission, processing, publishing, open access paid by authors, open access paid by readers etc.) and is independent of presentations at any of the many small events (conferences, symposiums, forums, colloquiums, courses, roundtable discussions) organized by Athens Institute throughout the year and entail significant costs of participating. The intellectual property rights of the submitting papers remain with the author. Before you submit, please make sure your paper meets the [basic academic standards](#), which includes proper English. Some articles will be selected from the numerous papers that have been presented at the various annual international academic conferences organized by the different divisions and units of the Athens Institute for Education and Research. The plethora of papers presented every year will enable the editorial board of each journal to select the best, and in so doing produce a top-quality academic journal. In addition to papers presented, Athens Institute will encourage the independent submission of papers to be evaluated for publication.

The current issue is the third of the thirteenth volume of the *Athens Journal of Education (AJE)*, published by the [Education Unit](#) of Athens Institute.

Gregory T. Papanikos  
President  
Athens Institute



## Athens Institute for Education and Research

### *A World Association of Academics and Researchers*

#### **29<sup>th</sup> Annual International Conference on Education** **17-29 May 2027, Athens, Greece**

The [Education Unit](#) of Athens Institute organizes its 29<sup>th</sup> Annual International Conference on Education, 17-20 May 2027, Athens, Greece sponsored by the [Athens Journal of Education](#). The aim of the conference is to bring together scholars and students of education and other related disciplines. You may participate as stream leader, presenter of one paper, chair a session or observer. Papers (in English) from all areas of education are welcome. Please submit a proposal using the form available (<https://www.atiner.gr/2027/FORM-EDU.doc>).

#### **Academic Members Responsible for the Conference**

- **Dr. Gregory T. Papanikos**, President, Athens Institute
- **Dr. David Philip Wick**, Director, [Arts, Humanities and Education Division](#), Athens Institute & Professor of History, Gordon College, USA.
- **Dr. Nick Linardopoulos**, Head, [Education Unit](#), Athens Institute & Associate Teaching Professor & Public Speaking Course Coordinator, Rutgers University, USA.
- **Dr. John Spiridakis**, Co-Editor, Athens Journal of Education & Professor, St. John University, USA.

#### **Important Dates**

- Abstract Submission: **20 October 2026**
- Acceptance of Abstract: 4 Weeks after Submission
- Submission of Paper: **19 April 2027**

#### **Social and Educational Program**

The Social Program Emphasizes the Educational Aspect of the Academic Meetings of Athens Institute.

- Greek Night Entertainment (This is the official dinner of the conference)
- Athens Sightseeing: Old and New-An Educational Urban Walk
- Social Dinner
- Mycenae Visit
- Exploration of the Aegean Islands
- Delphi Visit

#### **Conference Fees**

Conference fees vary from 400€ to 2000€  
Details can be found at: <https://www.atiner.gr/fees>



## Athens Institute for Education and Research

*A World Association of Academics and Researchers*

### 10<sup>th</sup> Annual International Symposium on “Higher Education in a Global World”, 6-10 July 2026, Athens, Greece

The [Education Unit](#) of Athens Institute is organizing the 10<sup>th</sup> Annual International Symposium on “Higher Education in a Global World”, 6-10 July 2026, Athens, Greece sponsored by the [Athens Journal of Education](#). The aim of the symposium is to examine educational developments throughout the world in universities, polytechnics, colleges, and vocational and education institutions. Academics and researchers from all areas of education are welcomed. You may participate as stream organizer, presenter of one paper, chair a session or observer. Please submit a proposal using the form available (<https://www.atiner.gr/2026/FORM-COLEDU.doc>).

#### Important Dates

- Abstract Submission: **DEADLINE CLOSED**
- Acceptance of Abstract: 4 Weeks after Submission
- Submission of Paper: **8 June 2026**

#### Academic Member Responsible for the Conference

- **Dr. Gregory T. Papanikos**, President, ATINER.
- **Dr. Sharon Claire Bolton**, Vice President of Research, Athens Institute & Professor, The Management School, University of Stirling, Scotland.
- **Dr. David Philip Wick**, Director, [Arts, Humanities and Education Division](#), Athens Institute & Professor of History, Gordon College, USA.
- **Dr. John Spiridakis**, Co-Editor, [Athens Journal of Education](#) & Professor, St. John University, USA.
- **Dr. Nick Linardopoulos**, Head, [Education Unit](#), Athens Institute & Associate Teaching Professor & Public Speaking Course Coordinator, Rutgers University, USA.

#### Social and Educational Program

The Social Program Emphasizes the Educational Aspect of the Academic Meetings of Athens Institute.

- Greek Night Entertainment (This is the official dinner of the conference)
- Athens Sightseeing: Old and New-An Educational Urban Walk
- Social Dinner
- Mycenae Visit
- Exploration of the Aegean Islands
- Delphi Visit
- Ancient Corinth and Cape Sounion

More information can be found here: <https://www.atiner.gr/social-program>

#### Conference Fees

Conference fees vary from 400€ to 2000€

Details can be found at: <https://www.atiner.gr/fees>