Athanasia Kyriakou was born in Thessaloniki. She received her degree specializing in Archeology and History of Art from the Department of History and Archeology of the Aristotle University of Thessaloniki in 1991. In the same university, she completed her postgraduate studies and PhD thesis. In April 2022 she was elected assistant professor in the field of "Classical Archeology and Archeology of the Hellenistic World".

She has extensive excavating experience in various sites in Macedonia (Vergina, Pella, Dion, Thessaloniki) and Thrace (Maroneia). During her student years, she started participating in the AUTH Excavation of Vergina and gradually took on roles of responsibility and now she holds the position of the director of the research team. She participates in interdisciplinary programs of excavation, study and management of the archaeological material and collaborates with universities abroad, mainly at the level of teaching and training in the excavation field. She has worked at AUTH, the Archaeological Service, as a tour guide and as a collaborator at the European Parliament. In parallel with AUTH, she also teaches in the Master's Program of Studies "Classical Archeology and Ancient History of Macedonia" at the International Hellenic University.

She has received research grants from the British School at Athens (centenary bursary in 2018 for the University of Oxford) and the German Academic Exchange Service (DAAD) (in 2021 for the Friedrich Schiller University in Jena). She is the author of a monograph, papers in conference proceedings, journals and collective volumes and has contributed entries to exhibition catalogues. She has lectured at university and research institutions (University of Oxford, Sheffield, Alabama, Jena, Paris-Nanterre and the National Hellenic Research Foundation). Her research focuses on burial and cult practices, identities in ancient society, object biographies, as well as classical and Hellenistic pottery, weaponry and jewellery. She is attracted to the field of education in combination with archaeology, while her involvement with the AUTH Casts Museum has strengthened her interest in teaching in higher education.