

Dr Zoi Nikiforidou

Associate Professor

Department of Early Years Learning & Care

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Titles	Institution	Date
Postgraduate Certificate in Academic Practice	Liverpool Hope University, UK	2013
PhD	Department of Early Childhood, University of Ioannina 'The use of NT in researching the perception and implementation of applied mathematical notions concerning young children: the notion of risk'	2012
MSc	Cognitive Psychology, University of Sussex, UK	2005
BSc	Psychology, The Open University, UK	2004
BA	Early Childhood Studies, Faculty of Early Childhood Education, National and Kapodistrian University of Athens, Gr	2002

Publications

<https://orcid.org/0000-0003-3371-271X>

Journal articles (peer-reviewed)

1. Nikiforidou, Z. & Jones, J. (2023). Preschoolers' intuitive probabilistic thinking during outdoor play. *Statistics Education Research Journal*, 22(2). <https://doi.org/10.52041/serj.v22i2.444>
2. Holmes, S. E., & Nikiforidou, Z. (2023). 'They don't realise how hard it is'. Investigating the lived experiences of higher education students with parental responsibilities during the Covid-19 pandemic. *Higher Education Quarterly*, 00, 1–17. <https://doi.org/10.1111/hequ.12423>
3. Nikiforidou, Z. & Doni, E. (2022) 'Go away from this galaxy coronavirus': children's meanings and feelings of the Covid-19 pandemic through narrated drawings, *European Early Childhood Education Research Journal*, DOI: 10.1080/1350293X.2022.2098993
4. Nikiforidou, Z., & Holmes, S. (2022). Student Parents or Parent Students in Lockdown Pandemic? A Third Space approach. *Journal of Family Issues*. <https://doi.org/10.1177/0192513X211067524>
5. Lee, EY., de Lannoy, L., Li, L. et al. (2022). Play, Learn, and Teach Outdoors—Network (PLaTO-Net): terminology, taxonomy, and ontology. *International Journal of Behavioral Nutrition and Physical Activity* 19, 66. <https://doi.org/10.1186/s12966-022-01294-0>
6. Potsi, A., Nikiforidou, Z., Ntokou, L (2020). Refugee children's wellbeing in Greece: methodological and ethical challenges. *Journal of Childhood and Adolescence Research*

- 5 (2-2020): 160-173 DOI: 10.3224/diskurs.v15i2.04
7. Nikiforidou, Z. (2019). Probabilities and preschoolers: do tangible vs virtual manipulatives, sample space and repetition matter? *Early Childhood Education Journal* 47: 769–777 DOI: 0.1007/s10643-019-00964-2
 8. Nikiforidou Z. and Stack, J. (2019). ‘The Wolf was Only Feeling Hungry’: Emotional Understanding and Embodied Cognition Through Dramatic Play. *International Journal of Early Years Education* 28 (1): 50-62, DOI: 10.1080/09669760.2019.1685470
 9. Stack, J. and Nikiforidou, Z. (2019). Preschoolers' possession-based disputes during indoor and outdoor play. *Early Child Development and Care: 1-14.* DOI: 10.1080/03004430.2019.1649667
 10. Demetriou, K. and Nikiforidou, Z. (2019). The relational space of educational technology: Early childhood students’ views. *Global Studies of Childhood* 9(4): 290–305 DOI: 10.1177/2043610619881458
 11. Nikiforidou, Z. and Thiel, O. (2019). Welches Tier wirst du ziehen? Kindergartenkinder schätzen Wahrscheinlichkeiten ein, *Mathematik differenziert* 1: 12-15
 12. Nikiforidou, Z. (2017). Risk literacy: concepts and pedagogical implications for Early Childhood Education, *Contemporary Issues in Early Childhood* 18 (3): 322-332 DOI 10.1177/1463949117731027
 13. Nikiforidou, Z. (2017). ‘It is riskier’: preschoolers’ reasoning of risky situations, *European Early Childhood Education Research Journal* 25 (4): 612–623 DOI 10.1080/1350293X.2017.1331075
 14. Nikiforidou, Z., Pange, J., Chadjipadelis, T. (2013). Intuitive and informal knowledge in preschoolers’ development of probabilistic thinking, *International Journal of Early Childhood* 45: 347-357 DOI: 10.1007/s13158-013-0081-6
 15. Nikiforidou, Z., Pange, J., Chadjipadelis, T. (2012). Risk literacy in early childhood education under a lifelong perspective. *Procedia - Social and Behavioral Sciences* 46: 4830 – 4833
 16. Nikiforidou, Z. and Pange, J. (2010). “Shoes and Squares”: A Computer-Based Probabilistic Game for Preschoolers, *Procedia - Social and Behavioral Sciences* 2 (2): 3150–3154
 17. Nikiforidou, Z. and Pange, J. (2010). The notions of chance and probabilities in preschoolers, *Early Childhood Education Journal* 38 (4): 305-311 DOI 10.1007/s10643-010-0417-x
 18. Nikiforidou, Z. and Pange, J. (2010). Teachers' evaluation of preschool educational software: the case of probabilistic thinking. *Procedia - Social and Behavioral Sciences* 9: 537-541
 19. Nikiforidou, Z., Lekka, A., Pange, J. (2010). Statistical literacy at university level: the current trends. *Procedia - Social and Behavioral Sciences* 9: 795-799

Chapters in books (peer-reviewed)

1. Robles-Melendez, W., Nikiforidou, Z. and Anderson, B. (2024). Resilience and Children: Introducing concepts, notions, and tensions, In Nikiforidou, Z., Anderson, B., Robles-Melendez, W. (Ed) *Resilience and Wellbeing in Young Children, Their Families and Communities Exploring Diverse Contexts, Circumstances and Populations (ch. 1)*, Routledge
2. Nikiforidou, Z., Robles-Melendez, W., Anderson, B., (2024). Reflecting on what we know and beyond, In Nikiforidou, Z., Anderson, B., Robles-Melendez, W. (Ed) *Resilience and Wellbeing in Young Children, Their Families and Communities Exploring Diverse Contexts, Circumstances and Populations (ch. 13)*, Routledge
3. Nikiforidou, Z., Potsi, A., Papachristos, A. (2022) Children's perspectives on safety: the

- case of Greece. In Tiliouine, H., Benatuil, D. and Lau, M. (Eds) *Handbook of Children's Risk, Vulnerability and Quality of Life Global Perspectives*, Springer <https://doi.org/10.1007/978-3-031-01783-4>
4. Nikiforidou, Z., Anderson A. (2021). Working together to safeguard children. In Palaiologou, I., (Ed) *Early Years Foundation Stage: Theory and Practice* (ch. 14), London: SAGE
 5. Nikiforidou, Z. (2021). Mathematics. In Palaiologou, I., (Ed) *Early Years Foundation Stage: Theory and Practice* (ch. 22), London: SAGE
 6. Nikiforidou Z., and Demetriou, K. (2021). The origins of self-concept. In *Handbook of Culture and Identity from Early Childhood to Early Adulthood* (ch.2). London: Bloomsbury
 7. Severina, E., Lade, A., and Nikiforidou, Z. (2020). Ghost stairs and a ghost tree. In Thiel, O., Severina, E., Perry, B. (eds) *Mathematics in Early Childhood: Research, Practice and Innovative Pedagogy* (ch.8). London: Routledge
 8. Katsikonouri E, Saiti, S., Vassi, C, Nikiforidou Z. (2020). Policy context: Early Childhood Education and Care in Greece. In Hryniewicz and Luff (eds). *Partnership with Parents in Early Childhood Settings Insights from Five European Countries* (ch.14). London: Routledge
 9. Katsikonouri E, Saiti, S., Vassi, C, Nikiforidou Z. (2020). Examples from Practice: Greece. In Hryniewicz and Luff (eds). *Partnership with Parents in Early Childhood Settings Insights from Five European Countries* (ch.15). London: Routledge
 10. Katsikonouri E, Saiti, S., Vassi, C, Nikiforidou Z. (2020). Insights from research: a small-scale exploratory study exploring Greek practitioners' views on partnership with parents and families of young children. In Hryniewicz and Luff (eds). *Partnership with Parents in Early Childhood Settings Insights from Five European Countries* (ch.16). London: Routledge
 11. Nikiforidou, Z. (2019). Risk and Safety in Western Society. In Swadener, Smith and Murray (Eds). *The Routledge International Handbook of Young Children's Rights* (ch.9). London: Routledge
 12. Nikiforidou Z. (2019). Digital manipulatives and mathematics. In Gray and Palaiologou (Eds). *Early Learning in the Digital Age* (pp.210-223). London: SAGE
 13. Nikiforidou, Z., Miles-Lavin, Z., Luff, P. (2019). Rating Education For Sustainable Development In The Early Years: A Necessity Or A Challenge? In Bamber, P. (eds). *Teacher Education for Sustainable Development and Global Citizenship Education: Critical Perspectives on Values, Curriculum and Assessment*. New York: Routledge (pp. 169-176).
 14. Nikiforidou, Z., Miles-Lavin, Z., Luff, P. (2019). Bat Conservation in the Foundation Stage: An Early Start to Education for Sustainability. In Bamber, P. (eds). *Teacher Education for Sustainable Development and Global Citizenship Education: Critical Perspectives on Values, Curriculum and Assessment*. New York: Routledge (pp. 113-121).
 15. Nikiforidou Z. (2018). Probabilistic thinking and young children: theory and pedagogy. In: Leavy A., Meletiou-Mavrotheris M., Papanastasiou E. (eds) *Statistics in Early Childhood and Primary Education. Early Mathematics Learning and Development* (pp 21-34). Singapore: Springer
 16. Nikiforidou, Z. (2017). Digital games in the early childhood classroom: theoretical and practical considerations. In: Danby S., Fler M., Davidson C., Hatzigianni M. (eds) *Digital Childhoods. International Perspectives on Early Childhood Education and Development* 22 (pp. 253-265). Springer, Singapore
 17. Nikiforidou, Z. (2017). The cotton wool child. In Owen (Eds). *Childhood Today*, (pp.11-22) London: SAGE
 18. Nikiforidou, Z., Anderson A. (2016). Working together to safeguard children. In Palaiologou, I., (Ed) *Early Years Foundation Stage: Theory and Practice* (3rd ed), London:

SAGE.

19. Nikiforidou, Z., Pange, J. (2015). Fairness through mathematical problem solving in preschool education. In Gellert, U., Gimenez Rodriguez, J., Hahn, C., Kafoussi, S. (Eds.) *Educational Paths to Mathematics* (pp. 161-171) DOI 10.1007/978-3-319-15410-7_9
20. Νικηφορίδου, Ζ. (2013), Προτεινόμενες δραστηριότητες με πινακάκια, γραφήματα και έννοιες της Στατιστικής στο Νηπιαγωγείο. Μέλλου, Ε. (επιμ.) *Βοήθημα Εκπαιδευτικού Μικρών Παιδιών – Θεωρία. Γνωστικά αντικείμενα –αξιολόγηση* (2^{ος} τόμος) σελ 95-102.

Publications in Conference Proceedings (peer-reviewed)

1. Boyd, D., Hirst, N. and Nikiforidou, Z. (2016). Embedding the EYFS into the Eco-schools Programme; Visualising the journey. *Proceedings of the OMEP European Conference The Place of the Child in the 21st Century*, pp 61-70
2. Nikiforidou, Z., Miles, Z., Luff, P. (2015). Bat Conservation in the Foundation Stage: An Early Start to Education for Sustainability. *TEESnet Conference Proceedings*, pp.68-76
3. Nikiforidou, Z. (2013). Risk taking and play. In: *Play and playing in the Early Childhood. OMEP European Scientific and Professional Conference, Zagreb*, pp. 56-61
4. Νικηφορίδου, Ζ., Παγγέ Ζ. (2012). Στατιστικός γραμματισμός στο Νηπιαγωγείο. *Πρακτικά του Ελληνικού Ινστιτούτου Εφαρμοσμένης Παιδαγωγικής και Εκπαίδευσης (ΕΛΛ.Ι.Ε.Π.ΕΚ.)*, 6^ο Πανελλήνιο Συνέδριο, σ. 1-6 ISSN 1790-8574 (in Greek)
5. Nikiforidou, Z., Pange, J. (2011). Digital games in Preschool Education, *6th International Conference in Open & Distance Learning Proceedings*, pp. 595-600
6. Νικηφορίδου, Ζ., Καλαφάτη, Δ., Κοκόση, Λ., Σουλιώτη, Σ., & Παγγέ, Τ. (2011). Η πιθανολογική σκέψη των νηπίων μέσα από σενάρια λόγου και προβληματικής. *Ευρωπαϊκό συνέδριο OMEP: Δημιουργικότητα και μάθηση στην Πρώτη Σχολική Ηλικία Λευκωσία*, 558-562 (in Greek)
7. Nikiforidou, Z., Pange, J. (2011). Risk taking and probabilistic thinking in pre-schoolers, *CERME 7 Proceedings*, pp. 848-852
8. Nikiforidou, Z., Pange, J. (2009). Does the nature and amount of posterior information affect preschooler's inferences? In V. Durand-Guerrier, S. Soury-Lavergne, & F. Arzarello (Eds.), *Proceedings of the Sixth Congress of the European Society for Research in Mathematics Education* (pp. 388 – 393). Lyon: INRP
9. Nikiforidou, Z., Pange, J. (2007). Sample space and the structure of probability combinations in preschoolers. In D. Pitta-Pantazi & G. Philippou (Eds.), *Proceedings of the Fifth Congress of the European Society for Research in Mathematics Education* (pp.782-790), Larnaca

Presentations at Conferences (peer-reviewed)

1. Nikiforidou, Z (2024). Risk and outdoor play: possibilities and opportunities, 13RD Panhellenic OMEP Conference, Thessaloniki (keynote speech in Greek)
2. Nikiforidou, Z (2022). 'This is teamwork': children's interactions in outdoor play. *EECERA, Glasgow*.
3. Nikiforidou, Z., Potsi, A, Ntokou, L. (2022). Refugee children's subjective wellbeing in Greece. *OMEP, Athens*.
4. Nikiforidou, Z. and Potsi, A. (2021). Refugee children's subjective wellbeing through the mosaic approach. *EECERA Online Festival Programme*
5. Nikiforidou, Z. (2019). Children's personal views on their wellbeing: issues of safety. *EECERA, Thessaloniki*
6. Rao, N and Nikiforidou, Z. (2019). Supporting the socio-academic transition of postgraduate taught students - Students' and tutors' perspective. *SEDA Spring Conference, Belfast*

7. Stack, J. and Nikiforidou, Z. (2018). Pre-schoolers Experiences of Possession and Ownership During Indoor and Outdoor Play. *Holistic Well-being EECERA SIG Conference: 'Debates in child and family well-being'*, Liverpool
8. Nikiforidou, Z. (2017). Children's probabilistic and risk-taking reasoning is improved when using tangible vs. computer interfaces. *20th Conference of the European Society for Cognitive Psychology (ESCOF)*, Potsdam
9. Nikiforidou, Z., Demetriou K. (2017). ICT and children: exploring possible relational spaces, *OMEP International Conference*, Opatija
10. Nikiforidou Z., Owen, A. (2017). Exploring Student's Agency as a Tool for Transition in University, *HEA Surveys Conference*, Manchester
11. Nikiforidou, Z. (2016). Drama, storytelling and empathic reasoning. *EECERA*, Dublin
12. Nikiforidou, Z. (2016). Does ICT pluralise or restrict young children's learning experiences? *Children and Young People in a Changing World: Action, Agency and Participation*, Liverpool
13. Nikiforidou, Z., Miles, Z., Luff, P. (2016). Liverpool Rating ESD in Early Years: a necessity or a challenge? *TEESnet*, Liverpool
14. Nikiforidou, Z. (2015a). Can we promote risk literacy in the early childhood classroom? *EECERA*, Barcelona
15. Nikiforidou, Z. (2015b). Virtual and/or concrete manipulatives: the case of exploring probabilities with young children, *EECERA*, Barcelona
16. Nikiforidou, Z. (2014). Risk awareness and risk literacy: a socio-cultural and universal 'quality'. *EECERA*, Crete
17. Nikiforidou, Z. (2014). Digital games and digital literacy in Early Childhood, *66th OMEP International Conference*, Cork
18. Nikiforidou, Z., & Pange, J. (2012). Can preschoolers understand the notion of chance and random position? *IFNA World Congress*, Athens
19. Nikiforidou, Z. and Panagiotakou, C. (2012). Probability Estimations and Graph Representations by Preschoolers, *IFNA World Congress*, Athens
20. Papaioannou A., Nikiforidou Z., Pange J. (2011). The diverse meanings of risk through a historical approach. *7th National & International Conference of the HSSS*, Athens
21. Νικηφορίδου, Ζ., Παγγέ, Τ., Χατζηπαντελής, Θ. (2011). Στρατηγικές ανάληψης ρίσκου από παιδιά και ενήλικες, *24^ο Πανελλήνιο Συνέδριο Στατιστικής*, Πάτρα (in Greek)
22. Nikiforidou Z., Pange J. (2009). Important factors in designing probabilistic tasks for preschoolers. In Tzekaki, M., Kaldrimidou, M. & Sakonidis, C. (Eds.), *33rd Conference of the International Group for the Psychology of Mathematics Education (PME 33)*, (poster), Θεσσαλονίκη
23. Νικηφορίδου Ζ., Παγγέ Τ. (2008). Συστημική προσέγγιση της έννοιας του ρίσκου από παιδιά προσχολικής ηλικίας., *4^ο Εθνικό Συνέδριο της ΕΕΣΜ*, Ιωάννινα (in Greek)
24. Nikiforidou, Z., Pange, J. (2008). Risk- taking in preschoolers. *XXIX International Congress of Psychology* (poster), Βερολίνο
25. Νικηφορίδου Ζ., Παγγέ Τ. (2008). Το φυσικό φαινόμενο της βροχής μέσα από συσχετισμούς αιτίας – αιτιατού και βασικές έννοιες πιθανοτήτων. *5^ο Πανελλήνιο Συνέδριο με διεθνή συμμετοχή: Επιστήμη και Κοινωνία*, Ιωάννινα (in Greek)
26. Νικηφορίδου Ζ., Παγγέ Τ. (2008). Μπορούν τα παιδιά Προσχολικής Ηλικίας να συμμετάσχουν ενεργά σε παιχνίδια πιθανοτήτων; *6^ο Πανελλήνιο Συνέδριο Π.Ε.Ε.*, Αθήνα (in Greek)
27. Nikiforidou, Z., Pange, J. (2007). Can probability combinations/ estimations be assessed in preschoolers with the use of computers (powerpoint)? *IASE Satellite Conference on Assessing Student Learning in Statistics*, Guimarães

Teaching experience

2022- today: University of Ioannina, Greece

- Course Leader: Early Childhood Pedagogy; Introduction To Education Sciences; Contemporary trends in ECE; Teaching Methodology Of Activities – Pedagogical Play

2012-2022: Liverpool Hope University, UK

- Year Leader: *Explorations in Early Childhood; Foundations in Early Childhood*
- Postgraduate Course Leader: *Cognitive Development*

Research projects

- **Project:** Confidence in the Community: a proposed programme of educational research for Everton, Liverpool Hope / Everton in the Community (2020-2021)
- **Project:** Children's Understandings of Well-being – global and local Contexts, member of the Greek scientific team, <http://www.cuwb.org/> (2019-today)
- **Project:** 'Celebrating Children's Rights Through Arts': Marking 30 Years Of The UN Convention On Children's Rights – Economic and Social Research Council (ESRC, 2019)
- **Project:** Children's Worlds, the International Survey of Children's Well-Being (ISCWeB), member of the scientific member of Greece, <http://www.isciweb.org> (2016-2019)
National report: Children's Worlds in Greece (2020), Potsi A., Nikiforidou Z, Ntokou L. 3rd wave: <https://isciweb.org/wp-content/uploads/2020/05/Greece-National-Report-Wave-3.pdf> and brief presentation: <https://isciweb.org/wp-content/uploads/2020/11/Greece.mp4>
- **Project:** Erasmus+ Developing Teacher Competencies for the Future (2015-2018)

Academic and administrative activity

- Senior Fellow at the Higher Education Academy UK, since 2017
- Co-convenor of EECERA (European Early Childhood Research Association) 'Holistic Wellbeing' Special Interest Group, <https://www.eecera.org/sigs/holistic-well-being/> (2015-today)
- Member: Society for Research into Higher Education, EECERA, OMEP UK, PLaTO-Net, CUWB

External examiner

External Examiner: Newman University, BA Early Childhood Education and Care, Birmingham (2018-2022)
University of Derby, Early Childhood Studies BA (Hons) (2020-2022)

PhD external examiner

October 2019/2021 - Anglia Ruskin University: 'Outdoor education: engaging children with special educational needs and disability in the learning process'

October 2019 – University of Northampton: 'An exploration of the factors in the play and learning environment for the quality of utterances made by young children and what constitutes a high quality environment for speech and language development'

February 2020 – Liverpool John Moores University: 'The importance of utilizing the environment through a sustainable lens in early childhood: An organic and authentic narrative'

Co-editor

- 2024: Co-editor 'Resilience and wellbeing: children, families, communities and societies', Routledge <https://www.routledge.com/Resilience-and-Wellbeing-in-Young-Children-Their-Families-and-Communities-Exploring-Diverse-Contexts-Circumstances-and-Populations/Nikiforidou-Anderson-Robles-Melendez/p/book/9781032385709>
- 2021-22: Co-editor on 'ICT and Statistics in Education' at the Special Issue of Applied Sciences: https://www.mdpi.com/journal/applsci/special_issues/ict_statistics_education

Reviewer and Editorial Boards

- Reviewer: International Journal of Early Years Education, Journal of Early Childhood Research, European Early Childhood Education Research Journal, Global Studies of Childhood, SERJ, Norland Educare Research Journal
- 2017: Book reviewer - An Introduction to Early Childhood Studies, Sage Publications

Member of scientific and organisational committees at Conferences

2024: Summer Course "Artificial Intelligence in Teaching and Learning", Learning Ideas Conference and Laboratory of New Technologies and Distance Learning – University of Ioannina (10-11/07/24)

2021: 'Summer University: Contemporary digital competences – tools, research and teaching' – University of Ioannina (26-29/08/21)

2018: Holistic Well-being EECERA SIG Conference: '*Debates in child and family well-being*', 28–30/06/18, Liverpool (<https://www.eecera.org/holistic-wellbeing-sig-conference-success/>)

2016: OMEP UK AGM και Conference, Liverpool Hope University, 12/11/16