

ANNAMARIA DE SANTIS

Curriculum vitae

CURRENT POSITION

1/10/2023 - present

Fixed-term Researcher, Type B

Academic discipline: EDUCATIONAL RESEARCH (M-PED/04)

University of Modena and Reggio Emilia (Italy)

Department: Surgical, Medical and Dental Department of Morphological Sciences related to Transplant, Oncology and Regenerative Medicine

Research:

- Multivariate and computational data analysis techniques applied to educational processes and systems (Learning Analytics and Educational Data Mining) especially in digital contexts
- Design and assessment of (digital) training paths

Teaching:

Degree in Digital Education

- Techniques for Data Analysis in Education/Learning Analytics
- Instructional Design in digital contexts
- Innovative Teaching Methods

PhD in Learning Sciences and Digital Technologies

- Member of the Teachers' Board

Projects:

- EDUNEXT, Italian network for digital training in higher education, <https://edunext.eu/>
- EDUOPEN, Italian MOOC platform, <https://learn.eduopen.org/>

NATIONAL SCIENTIFIC QUALIFICATION

2 February 2023

Academic Recruitment Field: 11/D2 - METHODOLOGIES OF TEACHING,
SPECIAL EDUCATION AND EDUCATIONAL RESEARCH

Level: Associate professor in the Italian higher education system

Expire on the February 2, 2033

EDUCATION

April 2011
- 5 May 2014

PhD in Pedagogy and Science of Education
(XXVI cycle)

École Doctorale Internationale "Culture, Education, Communication"
Department of Humanities
University of Foggia (Italy)

WORK EXPERIENCE	
21 December 2015 - 30 September 2023	Instructional Designer and Educational Content Producer <i>More Service s.r.l.</i> <i>Reggio Emilia (Italy)</i>
1 gennaio 2017 - 31 dicembre 2019	Research Fellow Research title: “Design of training in Open Online Learning within the EduOpen project”. Supervisor: prof. Tommaso Minerva <i>Department of Education</i> <i>University of Modena and Reggio Emilia (Italy)</i>
TEACHING IN UNIVERSITY COURSES	
A.Y. 2021/2022 - PRESENT	Techniques for Data Analysis in Education/Learning Analytics (M-PED/04) Degree in Digital Education, curriculum Digital Instructional Designer 48 hours (6 University Credits) University of Modena e Reggio Emilia (Italy)
A.Y. 2020/2021 - PRESENT	Instructional Design in digital contexts (M-PED/04) Degree in Digital Education, curriculum Digital Instructional Designer 48 hours (6 University Credits) University of Modena e Reggio Emilia (Italy)
A.Y. 2023/2024 - PRESENT	Innovative teaching methods (M-PED/03) Degree in Digital Education 72 hours (9 University Credits) University of Modena e Reggio Emilia (Italy)
15 April – 31 May 2024	Blended Intensive Program (BIP): Digi.Net, Digital Network Education Resources & Methods Coordinator of Unimore team in the Blended Intensive Program (6 University Credits) organized by University of Modena and Reggio Emilia, Universidade Aberta (UAb, Portugal) Universidad de Salamanca (Spain), Universidad Nacional de Educación a Distancia (UNED, Spain).
24 October – 20 November 2022	Blended Intensive Program (BIP): Digital Interactive Teaching And Learning Objects And Methods - DIG.I.T.A.L. Teacher and instructional designer in the Blended Intensive Program (6 University Credits) organized by University of Modena and Reggio Emilia, Universidade Aberta (UAb, Portugal) and Universidad de Salamanca (Spain).
A.Y. 2017/2018 A.Y. 2021/2022	Laboratory of docimology II Degree in Science of Primary Education 12 hours (1 University Credits) University of Modena e Reggio Emilia (Italy)
SCIENTIFIC JOURNAL	
2017 - present	Je-LKS, Journal of e-Learning and Knowledge Society, www.je-lks.org - Managing Editor (2024 - present) - Assistant Editor and Reviewer (2017 - present)
SCIENTIFIC ASSOCIATION AND RESEARCH CENTER	
2024 - present	Component and board member of the Research Center PLAICE “Postmedia studies, Learning analytics and Artificial Intelligence Center for Education”

2023 - present	Component of the Steering Committee of ISYDE, Italian SYmposium on Digital Education
2023 - present	Component of the Teachers' Board of PhD in Learning Sciences and Digital Technologies
2022 - present	Component of the Research Center RECE "Robotics and E-health: new Challenges for Education"
2022 - present	SoLAR Member Society for Learning Analytics Research
2015 - present	Sie-L Member Società italiana di e-Learning
2014 - present	SiRem Member Società italiana di Ricerca sull'Educazione Mediale

MAIN PUBLICATION

2025	<p>Multivariate Analysis Methods to Distinguish Adolescents' Attitudes on Digital Consumption and Skills, Opinions on Technologies, and Adults' Views</p> <p>Rossi, L., De Santis, A., Orsenigo, E., Pellizzari, C., Valentini, M., & Minerva, T. (2025). Multivariate Analysis Methods to Distinguish Adolescents' Attitudes on Digital Consumption and Skills, Opinions on Technologies, and Adults' Views. <i>Journal of Educational, Cultural and Psychological Studies</i>, 23-49. Link: https://doi.org/10.7358/ecps-2025-031-ross</p>
2025	<p>Teachers competencies in evaluating digital sources and tackling disinformation: implications for media literacy education</p> <p>Bruno, N. De Santis, A., & Moriggi, S. (2025). Teachers competencies in evaluating digital sources and tackling disinformation: implications for media literacy education. <i>Journal of E-Learning and Knowledge Society</i>, 21(1), 85-99. Link: https://doi.org/10.20368/1971-8829/1136182</p>
2024	<p>Integration of Educational Clusters with Open Badges and Blended Intensive Program (ECOBİ): a comprehensive approach to future university education</p> <p>Minerva, T., De Santis, A., Sannicandro, K., Bellini, C. (2024). Integration of Educational Clusters with Open Badges and Blended Intensive Program (ECOBİ): a comprehensive approach to future university education. <i>Journal of E-Learning and Knowledge Society</i>, 20(3), 112-125. Link: https://doi.org/10.20368/1971-8829/1136068</p>
2024	<p>Proceedings of the Italian Symposium on Digital Education, ISYDE2023</p> <p>Minerva, T., & De Santis, A. (Eds.) (2024). <i>Proceedings of the Italian Symposium on Digital Education, ISYDE2023</i>. Milano: Pearson. Link: https://it.pearson.com/docenti/universita/partnership/isyde.html</p>
2024	<p>Trends in the use of Multivariate Analysis in Educational Research: a review of methods and applications in 2018-2022</p> <p>De Santis, A., Sannicandro, K., Bellini, C., & Minerva, T. (2024). Trends in the use of Multivariate Analysis in Educational Research: a review of methods and applications in 2018-2022. <i>Journal of E-Learning and Knowledge Society</i>, 20(1), 47-55. Link: https://doi.org/10.20368/1971-8829/1135946</p>
2024	<p>Students in Italian online universities: enrollments time series analysis from 2005 to 2021</p> <p>Minerva, T., De Santis, A., Bellini, C., & Sannicandro, K. (2023). Students in Italian online universities: enrollments time series analysis from 2005 to 2021. <i>Journal of e-Learning and Knowledge Society</i>, 19(4), 50-75. Link: https://dx.doi.org/10.20368/1971-8829/1135872</p>
2023	<p>Analysis of MOOC features in a regional platform: design and delivery of courses</p> <p>De Santis, A., Sannicandro, K., Bellini, C., & Minerva, M. (2023). Analysis of MOOC features in a regional platform: design and delivery of courses. In G. Fulantelli, D. Burgos, G. Casalino, M. Cimitile,</p>

	<p>G. Lo Bosco, D. Taibi (Eds.), HELMeTO 2022, CCIS 1779, <i>Higher Education Learning Methodologies and Technologies Online. 4th International Conference, HELMeTO 2022, Palermo, Italy, September 21–23, 2022, Revised Selected Papers</i>. Series Title: Communications in Computer and Information Science, Springer. ISBN: 978-3-031-29799-1 Link: https://link.springer.com/book/9783031298011</p>
2023	<p>Generational relations, technology and digital communication: a comparison between multicultural and indigenous families Rossi, L., De Santis, A., Valentini, M., & Minerva, T. (2023). Generational relations, technology and digital communication: a comparison between multicultural and indigenous families. <i>AIFREF Congress "Inclusion in the Cities of Education Challenges, Cultures and Resources"</i>, June 30 - July 2, '22.</p>
2022	<p>A time series analysis of students enrolled in Italian universities from 2000 to 2021 Minerva, T., De Santis, A., Bellini, C., & Sannicandro, K. (2022). A time series analysis of students enrolled in Italian universities from 2000 to 2021 [Invited Paper]. <i>Italian Journal of Educational Research</i>, 29, 9-22. ISSN 2038-9744 Link: https://ojs.pensamultimedia.it/index.php/sird/article/view/6091</p>
2022	<p>A scoping review on the relationship between robotics in educational contexts and e-health Sannicandro, K., De Santis, A., Bellini, C., & Minerva, T. (2022). A scoping review on the relationship between robotics in educational contexts and e-health. <i>Frontiers in Education</i>, 7. ISSN: 2504-284X Link: https://www.frontiersin.org/articles/10.3389/educ.2022.955572</p>
2022	<p>Analisi Multivariata e Learning Analytics. Metodi e applicazioni De Santis, A. (2022). <i>Analisi Multivariata e Learning Analytics. Metodi e applicazioni</i>. Pearson. ISBN: 9788891932419 Link: https://it.pearson.com/docenti/universita/pearson-statistica.html</p>
2021	<p>Students' academic achievements: clusters based on metacognition, literacy and numeracy skills De Santis, A., Sannicandro, K., Bellini, C., Cadamuro, A., & Minerva, T. (2021). Students' academic achievements: clusters based on metacognition, literacy and numeracy skills. <i>Giornale italiano di educazione alla salute, sport e didattica inclusiva</i>, 5(2), 89-101. ISSN: 2532-3296 Link: https://ojs.gsdjournal.it/index.php/gsdj/article/view/378</p>
2021	<p>Cluster analysis for tailored tutoring system De Santis, A., Sannicandro, K., Bellini, C., & Minerva, T. (2021). Cluster analysis for tailored tutoring system. <i>Q-TIMES WEBMAGAZINE</i>, XIII(3), 265-277. ISSN: 2038-3282 Link: https://www.qtimes.it/?p=cluster-analysis-for-tailored-tutoring-system</p>
2021	<p>An open source framework for distance learning and distance multimedia production Minerva, T., Jana M., De Santis, A., Sannicandro, K., & Bellini, C. (2021). An open source framework for distance learning and distance multimedia production. <i>EDULEARN21 Proceedings</i>, 10877-10885. ISBN: 978-84-09-31267-2 / ISSN: 2340-1117</p>
2021	<p>The training of Digital Education professionals De Santis, A., Sannicandro, K., Bellini, C., & Minerva, T. (2021). The training of Digital Education professionals. <i>Lifelong, Lifewide Learning (LLL)</i>, 17(38), 324-338. ISSN 2279-9001 Link: http://www.edaforum.it/ojs/index.php/LLL/article/view/609</p>
2020	<p>Students' perception on e-proctoring system for online assessment De Santis, A., Bellini, C., Sannicandro, K., & Minerva, T. (2020). <i>Students' perception on e-proctoring system for online assessment</i>. Enhancing the Human Experience of Learning with Technology: New challenges for research into digital, open, distance & networked education European Distance and E-Learning Network (EDEN) Proceedings 2020 Research Workshop Lisbon, 21-23 October, 2020. ISSN 2707-2819 Link: https://www.eden-online.org/proc-2485/index.php/PROC/article/view/1770</p>

2019	<p>Predictive model selection for completion rate in Massive Open Online Courses</p> <p>De Santis, A., Sannicandro, K., Bellini, C., & Minerva, T. (2019). Predictive Model Selection for Completion Rate in Massive Open Online Courses. <i>Je-LKS, Journal of e-Learning and Knowledge Society</i>, 15(3), 145-159. ISSN 1826-6223 Link: https://www.je-lks.org/ojs/index.php/Je-LKS_EN/article/view/1135034</p>
2019	<p>La misurazione delle competenze trasversali in un progetto di innovazione della didattica universitaria</p> <p>Cecconi, L., De Santis, A., & Bellini, C. (2019). La misurazione delle competenze trasversali in un progetto di innovazione della didattica universitaria. <i>Italian Journal of Educational Research</i>, 12(22), 113-38. ISSN 2038-9744 (online) Link: https://ojs.pensamultimedia.it/index.php/sird/article/view/3395</p>
2019	<p>Reasons for Attending a MOOC: A Survey on EduOpen Learners</p> <p>De Santis, A., Sannicandro, K., Bellini, C., & Minerva, T. (2019). <i>Reasons for Attending a MOOC: A Survey on EduOpen Learners</i>. In A. Volungeviciene, & A. Szućs (Eds.), <i>Connecting through Educational Technology Proceedings of the European Distance and E-Learning Network 2019 Annual Conference Bruges, 16-19 June, 2019</i> (pp. 356-364). Ungheria: European Distance and E-Learning Network: Ungheria. ISBN 978-615-5511-27-1 Link: https://www.eden-online.org/proc-2485/index.php/PROC/article/view/1732</p>
2018	<p>Gli Open Learners di EduOpen: numeri e prospettive</p> <p>De Santis, A., Sannicandro, K., Fazlagic, B., Bellini, C., Tedeschi, C., & Minerva, T. (2018). <i>Gli Open Learners di EduOpen: numeri e prospettive</i>. In A. Volungeviciene, & A. Szućs (Eds.) <i>Exploring the Micro, Meso e Macro. Navigating between dimensions in the digital learning landscape. EDEN 2018 Annual Conference, Genoa, Italy 17-20 June 2018</i> (pp. 887-94). Budapest: European Distance and E-Learning Network. ISBN 978-615-5511-23-3</p>
2018	<p>I MOOC per l'alta Formazione: i Master su EduOpen attivati dall'Università di Modena e Reggio Emilia</p> <p>De Santis, A., Sannicandro, K., Fazlagic, B., Bellini, C., Tedeschi, C., & Minerva, T. (2018). <i>I MOOC per l'alta Formazione: i Master su EduOpen attivati dall'Università di Modena e Reggio Emilia</i>. In A. Volungeviciene, & A. Szućs (Eds.) <i>Exploring the Micro, Meso e Macro. Navigating between dimensions in the digital learning landscape. EDEN 2018 Annual Conference, Genoa, Italy 17-20 June 2018</i> (pp. 673-80). Budapest: European Distance and E-Learning Network. ISBN 978-615-5511-23-3</p>
2017	<p>Dalle linee guida di progettazione alla checklist di validazione: i Mooc di EduOpen</p> <p>De Santis, A., Fazlagic, B., Sannicandro, K., Folloni, V., Tedeschi, C., & Minerva, T. (2017). Dalle linee guida di progettazione alla checklist di validazione: i Mooc di EduOpen. In M. Rui (Ed.), <i>Design the future, Extended abstracts della multiconferenza EMEMITALIA2016, Modena, 7-9 settembre 2016</i> (pp. 264-75). Genova: Genova University Press. ISBN: 978-88-97752-89-9 Link: https://ememitalia.org/archivio/2016/atti-ememitalia-2016</p>
2016	<p>La progettazione didattica e i sistemi digitali nell'attuale contesto comunicativo</p> <p>De Santis, A. (2016). La progettazione didattica e i sistemi digitali nell'attuale contesto comunicativo. In R. Pace, G.R. Mangione, & P. Limone (a cura di), <i>Dimensione didattica, tecnologica e organizzativa. La costruzione del processo di innovazione a scuola</i> (pp. 17-27). Milano: FrancoAngeli. ISBN 978-88-917-3412-9</p>
2016	<p>Linee guida per la progettazione di corsi Mooc: l'esperienza dell'ateneo foggiano</p> <p>Limone, P., Pace, R., & De Santis, A. (2016). Linee guida per la progettazione di corsi Mooc: l'esperienza dell'ateneo foggiano. In M. Rui, L. Messina, & T. Minerva (a cura di), <i>Teach Different! Proceedings della Multiconferenza EMEMITALIA2015</i> (pp. 507-510). Genova: Genova University Press. ISBN: 978-88-97752-60-8 Link: https://ememitalia.org/archivio/2015/atti-ememitalia2015</p>

2012	<p>Orientamento universitario ed eLearning: il progetto E-start delle Facoltà di Agraria e Scienze della Formazione dell'Università degli Studi di Foggia De Santis, A. (2012). Orientamento universitario ed eLearning: il progetto E-start delle Facoltà di Agraria e Scienze della Formazione dell'Università degli Studi di Foggia. <i>MeTis - Mondi educativi. Temi indagini suggerzioni, 1</i>. ISSN 2240-9580</p>
2007	<p>Il punto di vista degli studenti De Santis, A. (2007). Il punto di vista degli studenti. In A. Lotti (a cura di), <i>Apprendere per problemi. Una sperimentazione didattica nelle facoltà umanistiche</i> (pp. 201-228). Bari: Progedit. ISBN 978-88-6194-005-5</p>
	<p>29/7/2025 Annamaria De Santis</p>