



UNIVERSITÀ  
DEGLI STUDI  
DELL'AQUILA



DISCAB  
Dipartimento di Scienze  
Cliniche Applicate  
e Biotecnologiche

## CURRICULUM VITAE



PERSONAL INFORMATION	<p>Maria Chiara Pino Department of Biotechnological and Applied Clinical Sciences, DISCAB University of L'Aquila P.za S. Tommasi 1, 67100 L'Aquila E-mail address (work): mariachiara.pino@univaq.it</p>
CURRENT POSITION	<p>Assistant Professor</p>
<p>EDUCATION OTHER QUALIFICATIONS</p>	<p>PhD in Health and environmental sciences, curriculum: Psychology, Psychiatry and Neuroscience with honor, May 24th 2017, University of L'Aquila.</p> <p>Master's degree in Psychology, March 1th 2012. Thesis title: "Neural activity related to cognitive and emotional empathy in post-traumatic stress disorder" University of L'Aquila</p> <p>Bachelor's degree in Psychology, May 12th 2009. Thesis title: "Affective priming task in schizophrenic subject with or without negative symptoms", University of L' Aquila</p>
ACADEMIC APPOINTMENTS	<p>2019/2023 Assistant Professor, Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila</p> <p>2016/2019 – Post-doctoral Fellow, Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila</p> <p>2013/2016 – PhD Fellow Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila</p>



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TEACHING EXPERIENCE

In the Academic Year 2022-2023 holds the following courses:

Intervention Methods and Data Analysis at the master's degree in Clinical and Health Psychology, Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila,

Diagnosis and Evaluation of Interventions at the master's degree in Clinical and Health Psychology, Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila,

In the Academic Year 2021-2022 holds the following courses:

Intervention Methods and Data Analysis at the master's degree in Clinical and Health Psychology, Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila,

Diagnosis and Evaluation of Interventions at the master's degree in Clinical and Health Psychology, Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila,

In the Academic Year 2020-2021 holds the following courses:

Intervention Methods and Data Analysis at the master's degree in Clinical and Health Psychology, Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila,

Diagnosis and Evaluation of Interventions at the master's degree in Clinical and Health Psychology, Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila,

In the Academic Year 2019-2020 holds the following courses:

Intervention Methods and Data Analysis at the master's degree in Clinical and Health Psychology, Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila,

Diagnosis and Evaluation of Interventions at the master's degree in Clinical and Health Psychology, Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila,

In the Academic Year 2018-2019 holds the following courses:

Contracted to teach in Psychometry at the University of Chieti-Pescara,



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	<p>bachelor's degree in Psychological Sciences.</p> <p>Contracted to teach in Psychology &amp; Disability at the master's degree in Clinical and Health Psychology, Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila,</p> <p>Teaching University Master</p> <p>2018-2019</p> <p>Teaching University Master (II° level) in "Applied Behaviour Analysis (ABA) e Tecniche Evidence-Based nei Disturbi Dello Spettro Autistico", University of L'Aquila. Teaching in Psychometry.</p> <p>Teaching in "Learning disability" at the University of L'Aquila during the training course for disability (tutor senior).</p> <p>Teaching University Master (I° level) in "Tecnico In Applied Behaviour Analysis (ABA) per i Disturbi Dello Spettro Autistico", University of LAquila. Teaching in Neuropsychology Assessment.</p> <p>2017-2018</p> <p>Teaching University Master (II° level) in "Applied Behaviour Analysis (ABA) e Tecniche Evidence-Based nei Disturbi Dello Spettro Autistico", University of LAquila. Teaching in Neuropsychology Assessment</p> <p>2017-2018- Teaching University Master (II° level) in "Applied Behaviour Analysis (ABA) e Tecniche Evidence-Based nei Disturbi Dello Spettro Autistico", University of L'Aquila. Teaching in Psychometry</p> <p>2017-2018 Teaching University Master (I° level) in "Tecnico In Applied Behaviour Analysis (ABA) per i Disturbi Dello Spettro Autistico", University of L'Aquila. Teaching in Psychometry</p>
<p>RESEARCH ACTIVITIES</p>	<ul style="list-style-type: none"> <li>•Study of developmental trajectories of socio-emotional skills in children with typical and atypical development.</li> <li>•Linguistic and socio-cognitive development: relationship between cognitive and linguistic domains at different stages of learning; predictive indices of development.</li> <li>•Positive adaptation in the life cycle: multidimensional analysis of life styles and choices and adaptation to the environment, both school and community, in adolescents and young adults.</li> </ul>



	<ul style="list-style-type: none"> <li>•Application of technology-based interventions to enhance social and emotional skills in children with atypical development.</li> <li>•Application of models and techniques characterising the study of socio-emotional skills.</li> <li>•Study of the relationship between reading and language development and the reading processes involved in the promotion of social-emotional, affective and relational skills.</li> </ul>												
<p>RESPONSIBILITY IN ACADEMIC ACTIVITIES</p>	<p>Member of Communication and Web Committee of DISCAB, L'Aquila University</p> <p>Referent to Academic Orientation for Psychology Area DISCAB, University of L'Aquila.</p>												
<p>EDITORIAL BOARD, EDITORIAL ACTIVITIES, SOCIETY MEMBERSHIP</p>	<p>2023- Editorial Board Member for Children (ISSN 2227-9067)</p> <p>2019/ to date - Member of the Association of Communication &amp; Language Acquisition Studies in Typical &amp; Atypical populations (CLASTA).</p> <p>2019/to date- Member dell'Associazione Italiana di Psicologia (AIP), sezione Psicologia dello Sviluppo e dell'Educazione</p>												
<p>SCIENTIFIC ACHIEVEMENTS BIBLIOMETRIC INDICATORS</p>	<p><b>Scopus Author ID:</b> 37026992300 <a href="https://orcid.org/0000-0003-2657-2122">https://orcid.org/0000-0003-2657-2122</a></p> <table border="1" data-bbox="488 1245 1158 1397"> <thead> <tr> <th></th> <th>SCOPUS</th> <th>GOOGLE SCHOLAR</th> </tr> </thead> <tbody> <tr> <td>TOTAL NUMBER OR ARTICLES PUBLISHED:</td> <td>50</td> <td></td> </tr> <tr> <td>TOTAL NUMBER OF CITATIONS:</td> <td>923</td> <td>1626</td> </tr> <tr> <td>H-INDEX</td> <td>15</td> <td>18</td> </tr> </tbody> </table>		SCOPUS	GOOGLE SCHOLAR	TOTAL NUMBER OR ARTICLES PUBLISHED:	50		TOTAL NUMBER OF CITATIONS:	923	1626	H-INDEX	15	18
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TOTAL NUMBER OF CITATIONS:	923	1626											
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<p>SELECTED PUBLICATIONS</p>	<ol style="list-style-type: none"> <li>1.<b>Pino MC</b>, Giancola M, D'Amico S. The Association between Music and Language in Children: A State-of-the-Art Review. Children, 2023, 10(5), 801. 10.3390/children10050801</li> <li>2.Giancola M, <b>Pino MC</b>, Riccio V, Piccardi L, D'Amico S. Developmental mechanisms in pre-schoolers' map-reading: the contribution of analogical reasoning and spatial language. Children, 2023, 10(4), 630,</li> <li>3.<b>Pino MC.</b>, Donne, IL., Vagnetti, R., Tiberti S, Valenti, M., Mazza, M. Using the Griffiths Mental Development Scales to Evaluate a Developmental Profile of Children with Autism Spectrum Disorder and their Symptomatology Severity. Child Psychiatry and Human Development, 2022 10.1007/s10578-022-01390-z</li> <li>4.<b>Pino MC.</b>, Vagnetti, R., Tiberti, S., Valenti, M., Mazza, M. Involving autism stakeholders in identifying priorities for interventions based on augmented</li> </ol>												



reality, Disability and Rehabilitation: Assistive Technology, 2022 DOI: 10.1080/17483107.2022.2120103

5.Valenti M, **Pino MC**, Le Donne I, Vagnetti R, Tiberti S, Attanasio M, Mazza M. Adaptive response of Italian young adults with autism to the COVID-19 pandemic: A longitudinal study. Res Dev Disabil. 2022 Dec;131:104333. doi: 10.1016/j.ridd.2022.104333. Epub 2022 Sep 12. PMID: 36162352; PMCID: PMC9464572.

6.Mazza M, **Pino MC**, Keller R, Vagnetti R, Attanasio M, Filocamo A, Le Donne I, Masedu F, Valenti M. Qualitative Differences in Attribution of Mental States to Other People in Autism and Schizophrenia: What are the Tools for Differential Diagnosis? J Autism Dev Disord. 2022 Mar;52(3):1283-1298. doi: 10.1007/s10803-021-05035-3. Epub 2021 Apr 28. PMID: 33909212; PMCID: PMC8854268.

7.Attanasio M, Masedu F, Quattrini F, **Pino MC**, Vagnetti R, Valenti M, Mazza M. Are Autism Spectrum Disorder and Asexuality Connected? Arch Sex Behav. 2022 May;51(4):2091-2115. doi: 10.1007/s10508-021-02177-4. Epub 2021 Nov 15. PMID: 34779982.

8.Masedu F, Vagnetti R, **Pino MC**, Valenti M, Mazza M. Comparison of Visual Fixation Trajectories in Toddlers with Autism Spectrum Disorder and Typical Development: A Markov Chain Model. Brain Sci. 2021 Dec 23;12(1):10. doi: 10.3390/brainsci12010010. PMID: 35053753; PMCID: PMC8773751.

9.Giancola M, Pino MC, D'Amico, S. Exploring the psychosocial antecedents of sustainable behaviors through the lens of the positive youth development approach: A pioneer study, Sustainability (Switzerland), 2021, 13(22), 12388

10.**Pino MC**, Vagnetti R, Valenti M, Mazza M. Comparing virtual vs real faces expressing emotions in children with autism: An eye-tracking study. Education and Information Technologiethis link is disabled, 2021, 26(5), pp. 5717–5732.

11.**Pino MC**, Vagnett, R, Masedu F, ...Valenti M, Mazza, M. Mapping the Network of Social Cognition Domains in Children With Autism Spectrum Disorder Through Graph Analysis. Frontiers in Psychiatry, 2020, 11, 579339.

12.Mazza M, Attanasio M, **Pino MC**, Masedu F, Tiberti S, Sarlo M, Valenti M. Moral Decision-Making, Stress, and Social Cognition in Frontline Workers vs. Population Groups During the COVID-19 Pandemic: An



Explorative Study. *Front Psychol.* 2020 Nov 19;11:588159. doi: 10.3389/fpsyg.2020.588159. PMID: 33329249; PMCID: PMC7710972.

13. Vagnetti, R., **Pino, M.C.**, Masedu, F., ...Valenti, M., Mazza, M. Exploring the social cognition network in young adults with autism spectrum disorder using graph analysis *Brain and Behavior*, 2020, 10(3), e01524

14. **Pino, M.C.**, Masedu, F., Vagnetti, R., ...Valenti, M., Mazza, M. Validity of Social Cognition Measures in the Clinical Services for Autism Spectrum Disorder *Frontiers in Psychology*, 2020, 11, 4

15. Di Mascio, T., Tarantino, L., De Gasperis, G., **Pino, M.C.** Immersive virtual environments: A comparison of mixed reality and virtual reality headsets for ASD treatment. *Advances in Intelligent Systems and Computing*, 2020, 1007, pp. 153–163

16. Valenti M, **Pino MC**, Mazza M, Panzarino G, Di Paolantonio C, Verrotti A. (2019) Abnormal structural and functional connectivity of the corpus callosum in autism spectrum disorders: a review. *Rev J Autism Dev Disord* 7, 46–62. <https://doi.org/10.1007/s40489-019-00176-9>

17. Peretti S, Mariano M, Mazzocchetti C, Mazza M, **Pino MC**, Verrotti Di Pianella A, Valenti M. (2019) Diet: the keystone of autism spectrum disorder? *Nutr Neurosci.* 19:1-15. doi: 10.1080/1028415X.2018.1464819.

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19. **Pino MC**, Mariano M, Peretti S, D'Amico S, Masedu F, Valenti M, Mazza M. (2018). When do children with autism develop adequate social behaviour? Cross-sectional analysis of developmental trajectories, *European Journal of Developmental Psychology* <https://doi.org/10.1080/17405629.2018.1537876>

20. **Pino MC**, Spoto A, Mariano M, Granzio U, Peretti S, Masedu F, Valenti M, Mazza M, Vidotto G. (2018). Formal Psychological Assessment for Autism Spectrum Disorder Diagnosis: A New Methodology to Build an Adaptive Testing System, *Open Psychology Journal*, doi:10.2174/1874350101811010112

21. Peretti S, Tempesta D, Socci V, **Pino MC**, Mazza M, Valenti M, De Gennaro L, Di Dio C, Marchetti A, Ferrara M. (2018). The role of sleep in



	<p>aesthetic perception and empathy: A mediation analysis. <i>J Sleep Res.</i> 2018;e12664. <a href="https://doi.org/10.1111/jsr.12664">https://doi.org/ 10.1111/jsr.12664</a></p> <p>22. <b>Pino MC</b>, Mazza M, Mariano M, Peretti S, Dimitriou D, Masedu F, Valenti M, Franco F. (2017). Simple Mindreading Abilities Predict Complex Theory of Mind: Developmental Delay in Autism Spectrum Disorders. <i>Journal of Autism Developmental Disorders</i> doi: 10.1007/s10803-017-3194-1</p> <p>23. Mazza M, Mariano M, Peretti S, Masedu F, <b>Pino MC</b>, Valenti M. (2017). The Role of Theory of Mind on Social Information Processing in Children with Autism Spectrum Disorders: A Mediation Analysis. <i>Journal of Autism Developmental Disorders</i> 2017 May;47(5):1369-1379. doi: 10.1007/s10803-017-3069-5.</p> <p>24. <b>Pino MC</b>, Mazza M. The Use of "Literary Fiction" to Promote Mentalizing Ability. <i>PlosOne</i> 2016. DOI: 10.1371/journal.pone.0160254.</p> <p>25. <b>Pino MC</b>, De Berardis D, Mariano M, Vellante F, Serroni N, Valchera A, Valenti M, Mazza M. (2016). Two systems for empathy in obsessive-compulsive disorder: mentalizing and experience sharing. <i>Rev Bras Psiquiatr.</i> pii: S1516-44462016005004101.</p> <p>26. Mariano M, <b>Pino MC</b>, Peretti S, Valenti M, Mazza M. (2016). Understanding criminal behavior: Empathic impairment in criminal offenders. <i>Soc Neurosci.</i> 2016 May 9;1-7. DOI: 10.1080/17470919.2016.1179670</p> <p>27. <b>Pino MC</b>, Tempesta D, Catalucci A, Anselmi M, Nigri A, Iaria G, Ferrara M, Mazza M. (2016). Altered Cortico-Limbic Functional Connectivity During an Empathy Task in Subjects with Post-Traumatic Stress Disorder. <i>J Psychopathol Behav Assess.</i> DOI 10.1007/s10862-016-9538-x</p> <p>28. Vidotto G, Catalucci A, Roncone R, <b>Pino MC</b>, Mazza M. (2015). Neural correlates of observation of disgusting images in subjects with first episode psychosis and post-traumatic stress disorder. <i>J Biol Regul Homeost Agents.</i> 28(4):705-16.</p> <p>29. <b>Pino MC</b>, Mariano M, Valchera A, Valenti M, De Berardis D, Mazza M. (2015) Effect of Gaze Direction on Orienting of Attention in Patients with Schizophrenia: Attention or Social Cognition Deficit? <i>Depress Anxiety</i> 2015, 4:3</p> <p>30. Mazza M, Tempesta D, Pino MC, Nigri A, Catalucci A, Guadagni V, Gallucci M, Iaria G, Ferrara M. (2015). Neural activity related to cognitive and emotional empathy in post-traumatic stress disorder. <i>Behav Brain Res.</i></p>
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30;282C:37-45. doi: 10.1016/j.bbr.2014.12.049.

31.Fornaro M, De Berardis D, Mazza M, **Pino MC**, Favaretto E, Bedani F, Wieser C, Indelicato L, Paternò VF, Lo Monaco F, Dugo F, Ventriglio A, Mungo S, Selle V, Valchera A, Elassy M, Martinotti G, De Bartolomeis A, Iasevoli F, Tomasetti C, Avvisati L, Tartaglione S, Perna G, Cattaneo CI, Consoli G, Romano A, Del Debbio A, Martino M, D' Angelo E, De Pasquale C, Koshy AS, Angst J. (2015). Factor structure and reliability of the Italian adaptation of the Hypomania Check List-32, second revision (HCL-32-R2). *J Affect Disord*. 2015 Jun 1;178:112-20. doi: 10.1016/j.jad.2015.03.001.

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33.Mazza M, **Pino MC**, Mariano M, Tempesta D, Ferrara M, De Berardis D, Masedu F, Valenti M. (2014). Affective and cognitive empathy in adolescents with autism spectrum disorder. *Front Hum Neurosci*. 2014 Oct 7;8:791. doi: 10.3389/fnhum.2014.00791. eCollection 2014.

34.Mazza M, **Pino MC**, Peretti S, Scolta K, Mazzarelli E. (2014). Satisfaction level on quality of life post-earthquake rebuilding. *International Journal of Disaster Resilience in the Built Environment*. 5 (1), 6-22

35.Mazza M, Tempesta D, **Pino MC**, Catalucci A, Gallucci M, Ferrara M. (2013). Regional cerebral changes and functional connectivity during the observation of negative emotional stimuli in subjects with post-traumatic stress disorder. *European Archives of Psychiatry and Clinical Neuroscience*. 263(7):575-83. DOI:10.1007/s00406-013-0394-3

36.Mazza M, Catalucci A, **Pino MC**, Giusti L, Nigri A, Pollice R, Casacchia M, Gallucci M. (2013). Dysfunctional neural networks associated with impaired social interactions in early psychosis: a resting-state analysis. *Brain Imaging and Behavior*. 7(3):248-59.

37.Mazza M, Catalucci A, Mariano M, **Pino MC**, Tripaldi S, Roncone R, Gallucci M. (2012). Neural correlates of automatic perceptual sensitivity to facial affect in posttraumatic stress disorder subjects who survived L'Aquila earthquake of April 6, 2009. *Brain Imaging Behav*. 6(3):374-86

38.Mazza M, Giusti L, Albanese A, Mariano M, **Pino MC**, Roncone R. (2012). Social cognition disorders in military police officers affected by post-





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	<p>traumatic stress disorder after the attack of an-Nasiriyah in Iraq 2006. Psychiatry Research. 198(2):248-52</p> <p>39.Mazza M, Lucci G, Pacitti F, <b>Pino MC</b>, Mariano M, Casacchia M, Roncone R. (2010). Could schizophrenic subjects improve social cognition abilities only with observation and imitation of social situations? Neuropsychological Rehabilitation. 20(5):675-703. DOI: 10.1016/j.psychres.2011.11.027</p>
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L'AQUILA, 14/06/2023