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<b>Research Interest</b>	Mathematics Education, Algebra, Initial Algebra, Assessment, Task Design, Educational Data, Data management, statistical analysis, model development.
<b>Publications</b>	<ul style="list-style-type: none"> <li>• O'Brien, A., &amp; Ní Ríordáin, M. (2017). Examining difficulties in initial algebra: Pre-requisite and algebra content areas for Irish post-primary students. In <i>10th Congress of European Research in Mathematics Education</i> (pp. 1-8). European Society for Research in Mathematics Education.</li> <li>• Fives, A., Russell, D., Kearns, N., Lyons, R., Eaton, P., Canavan, J., Devaney, C., &amp; O'Brien, A. (2014). The association between academic self-beliefs and reading achievement for children experiencing delays in reading, <i>The Journal of Research in Reading</i>, 37(2), 215-232.</li> <li>• Fives, A., Russell, D., Kearns, N., Lyons, R., Eaton, P., Canavan, J., Devaney, C., &amp; O'Brien, A. (2014). The ethics of Randomized Controlled Trials in social settings: Can social trials be scientifically promising, and must there be equipoise? <i>International Journal of Research &amp; Method in Education</i>. Available online at: <a href="http://www.tandfonline.com/doi/pdf/10.1080/1743727X.2014.908338">http://www.tandfonline.com/doi/pdf/10.1080/1743727X.2014.908338</a></li> <li>• Fives, A., Kearns, N., Devaney, C., Canavan, J., Russell, D., Lyons, R., Eaton, P., O'Brien, A. (2013). A one-to-one programme for at-risk readers delivered by older adult volunteers, <i>Review of Education</i>. 1(3), 254-280.</li> <li>• Fives, A., Russell, D., Kearns, N., Lyons, R., Eaton, P., Canavan, J., Devaney, C., &amp; O'Brien, A. (2013). The role of random allocation in Randomized Controlled Trials: Distinguishing selection bias from baseline imbalance, <i>Journal of MultiDisciplinary Evaluation</i>, 9(20), 33-42.</li> <li>• Fives, A., Kearns, N., Lyons, R., Eaton, P., Canavan, J., Devaney, C., O'Brien, A., Russell, D. (2013). Evaluation of the Effectiveness of Barnardos' Wizards of Words Reading Programme. Dublin: Barnardos.</li> </ul>