

## WFNR SPECIAL INTEREST GROUP ANNUAL REPORT for 2024

Name of Special Interest Group	Neuropsychological Rehabilitation
Chair Email	<p>Caroline van Heugten</p> <p><a href="mailto:Caroline.vanheugten@maastrichtuniversity.nl">Caroline.vanheugten@maastrichtuniversity.nl</a></p> <p>Barbara Wilson, founding Chair of the NR-SIG in 2006, stood down as Chair at the NR-SIG 2021 AGM; co-founder Robyn Tate stepped down in 2024.</p>
Co-Chair(s) where applicable	<p><u>NR-SIG Management Committee</u>: Secretary: Michael Perdices; Treasurer: Jessica Fish; Committee members: Robyn Tate, Anna Adlam, Satu Baylan, Jonathan Evans, Jennie Ponsford, Tamara Ownsworth, Alexandra Rose, Kate Gould</p> <p><u>NR-SIG Social Media Committee</u>: Alexandra Rose</p> <p><u>Conference organiser and administrator</u>: Margaret Eagers, Matt Eagers</p>
Number of Members	195 members from 29 countries
Key objectives and action plan	<p>The NR-SIG is for clinicians and researchers from a range of disciplines who are interested in the rehabilitation of people across the lifespan with cognitive, emotional, psychosocial and behavioural deficits caused by acquired brain injury or neurological disease (both progressive and nonprogressive).</p> <p>The main objectives of the NR-SIG are as follows:</p> <ol style="list-style-type: none"> <li>1. To encourage and support multidisciplinary clinical practice and research into the rehabilitation of people with cognitive, emotional, psychosocial and behavioural deficits caused by brain injury or neurological conditions (both progressive and nonprogressive) across the lifespan.</li> <li>2. To improve the care of survivors of brain injury and their families through the translation of clinically relevant research.</li> <li>3. To support the future of neuropsychological rehabilitation throughout the world and to provide a forum of communication and ongoing education for those with an interest in the area.</li> </ol> <p>We work on these objectives with a management committee, along with our conference organiser and administrator, Margaret Eagers.</p>

	<p>The NR-SIG and the committee is chaired by Caroline van Heugten, and includes a social media team which aims to raise awareness of and promote NR-SIG activities, as well as to disseminate information on and promote research into acquired brain impairment and neurorehabilitation.</p> <p>Our activities include our annual 2-day conference, the training of students and the provision of continuing education activities to clinicians and researchers with lectures, webinars and workshops, including participating in the WFNR Flying Faculty programme and biennial congresses.</p> <p>Funds generated from NR-SIG activities are channelled into a travel and student-assistant bursary scheme to support attendance at the annual 2-day conference. Three types of bursaries are available:</p> <ul style="list-style-type: none"> <li>- Travel bursary for clinicians or researchers who are permanent residents from low, lower-middle and upper-middle income countries (as defined by the World Bank).</li> <li>- Travel bursary for Masters or PhD students or Early Career clinicians or researchers from other countries.</li> <li>- The student-assistant bursary provides students with hands-on experience in supporting the running of the annual conference in return for free registration.</li> </ul>
Activities during previous 12 months	<ul style="list-style-type: none"> <li>• In 2024, we organized the 21<sup>th</sup> annual 2-day conference, which was held as a hybrid meeting in Coimbra, Portugal on June 30-July 1 2024. It was convened by Ana Rita Silva (local), Alexandra Rose, and Jessica Fish. There were 201 delegates (160 in person; 41 online), with a rich programme of 143 presentations, which included an invited opening address, 26 platform presentations, 36 datablitz presentations, and 80 poster presentations. No travel bursaries were awarded. Five student helpers received free registration.</li> <li>• The annual NR-SIG Newsletter 2024 was distributed in which the new chair Caroline van Heugten was presented as a spotlight researcher.</li> </ul>

Proposed activities	<ul style="list-style-type: none"> <li>• The annual NR-SIG Newsletter will be distributed in the first half of 2025.</li> <li>• The main activity for 2025 will be the 22<sup>st</sup> annual NR-SIG conference to be held from 7-8 July, 2025 in Mooloolaba, Australia. Co-convenors Tamara Ownsworth. We welcome all rehabilitation disciplines including neuro-and clinical psychology, occupational therapy, speech/language therapy, physiotherapy, social work, rehabilitation medicine and nursing. Submissions on a wide range of topics are sought. The primary focus of the conference is the rehabilitation of neuropsychological consequences of acquired brain impairment. Deadline for abstract submissions is 23<sup>th</sup> February 2025.</li> <li>• The WFNR hosted an e-book on Clinical Pathways in Stroke Rehabilitation (published by Springer) which is working towards a second edition because of its success. An e-book on pediatric neurorehabilitation is prepared. Our NR-SIG has been asked to host an e-book on Neuropsychological Rehabilitation. This request is currently being considered. Caroline van Heugten and Alexandra Rose will be editors.</li> </ul>
Publications	<p>As usual, many members of the NR-SIG published a large number of articles during 2024. A selection of some of the publications from Committee members includes:</p> <p>Carmichael, J., <b>Ponsford, J. Gould, K. R.</b>, Tiego, J., Forbes, M., Kotov, R., Fornito, A, &amp; Spitz, G. (2024). A Transdiagnostic, Hierarchical Taxonomy of Psychopathology Following Traumatic Brain Injury (HiTOP-TBI). Journal of Neurotrauma. Accepted 15th June 2024. Epub ahead of print. <a href="http://dx.doi.org/10.1089/neu.2024.0006">http://dx.doi.org/10.1089/neu.2024.0006</a></p> <p>Carminati, J.-Y., Holth, K., <b>Ponsford, J. L. &amp; Gould, K. R.</b> (2024). Co-designing Positive Behaviour Support (PBS+PLUS) training resources: a qualitative study of people with ABI, close-others, and clinicians' experiences. Brain Impairment. 25, IB23060. <a href="https://doi.org/10.1071/IB23060">https://doi.org/10.1071/IB23060</a>. Special collection "Clinical Implementation to Optimise Outcomes"</p> <p>Chew, K. A., <b>Ponsford, J. L., &amp; Gould, K. R.</b> (2024). "I desperately need to know what to do": A qualitative exploration of clinicians and service providers perspectives on addressing cybercams and acquired brain injury (ABI). Journal of Medical Internet Research, 26:e51245. DOI: 10.2196/51245.</p>

	<p>Domensino AF, Aarts E, Visser-Meily JMA, Spikman JM, van Heugten C. Development and content validity of the cognition in daily life scale (CDL). <i>Neuropsychol Rehabil.</i> 2024 Apr 24;1-26.</p> <p>Farooq A, <b>Adlam A</b>, Rutland A (2024). Rejecting group loyalty for the truth: Children's and adolescents' evaluations of deviant peers within a misinformation intergroup context. <i>Journal of Experimental Child Psychology</i>, 243, 105923.</p> <p>Liu Y, Barker AR, <b>Adlam AL</b>, Li M, Duncombe SL, Agbaje AO, Gu Y, Zhou H, Williams CA (2024). Effectiveness of a school-based high-intensity interval training intervention in adolescents: study protocol of the PRO-HIIT cluster randomised controlled trial. <i>Frontiers in Pediatrics</i>.;12:1458610.</p> <p>McLaren, D. M. , <b>Evans, J. , Baylan, S. ,</b> Harvey, M., Montgomery, M. C. and Gardani, M. (2024) Assessing insomnia after stroke: a diagnostic validation of the Sleep Condition Indicator in self-reported stroke survivors. <i>BMJ Neurology Open</i>, 6(2), e000768. (doi: 10.1136/bmjno-2024-000768)</p> <p>Miley AE, Patronick J, Zhang N, Bode R, Fabio A, Treble-Barna A, Chima RS, <b>Adlam A-LR</b>, Bell MJ, Wisniewski SR, Beers SR, Wade SL, Kurowski BG, &amp; TBI Genetics and Environment Study Team (2024). Social Environment and Neurobehavioral Outcomes 1 Year After Severe Pediatric TBI in the Intensive Care Unit. <i>Journal of Head Trauma Rehabilitation</i>:10.1097/HTR.0000000000000943</p> <p>Rose, A. E., Cullen, B. , Crawford, S. and <b>Evans, J. J.</b> (2024) Working towards consensus on the assessment of mood after severe acquired brain injury: focus groups with UK based professionals. <i>Clinical Rehabilitation</i>, (Accepted for Publication)</p> <p>Rauwenhoff JCC, Bol Y, Peeters F, Smits P, Duits A, Wijenberg M, Blok A, <b>van Heugten CM.</b> (2024). Acceptance and commitment therapy for people with depressive and anxiety symptoms following acquired brain injury: Results of the BrainACT randomized controlled trial. <i>J Psychosom Res.</i> 2024 Dec;187:111933.</p> <p>Rose, A., Crawford, S., Cullen, B. and <b>Evans, J.</b> (2024) Assessment of mood after severe acquired brain injury: interviews with UK clinical psychologists and medical professionals. <i>Clinical Rehabilitation</i>, (Accepted for Publication).</p>
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	<p>Soo C, <b>Tate RL</b>, Catroppa C, Benson S, Lee K, McDonald S, Rapee R, Waugh M-C, Anderson V. (2024). A randomised controlled trial of cognitive behavioural therapy for managing anxiety in adolescents with acquired brain injury. <i>Neuropsychological Rehabilitation</i>. 34(1), 74-102.</p> <p>Stiekema APM, Rauwenhoff JCC, Bierlaagh D, Donkervoort M, Jansen N, Jurrius KHM, Zadoks J, <b>van Heugten CM</b>. (2024) Case management for people with acquired brain injury: feasibility and effectiveness of a two-year pragmatic randomized controlled trial. <i>Brain Inj</i>. 2025 Jan 2;39(1):39-50.</p> <p><b>Tate RL</b>, Simpson GK. (in press). Traumatic brain injury. In: KT Bechtold, M Meade and S Wegener (Eds). <i>Oxford handbook of rehabilitation psychology</i>, 2nd ed.</p>
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