

Prof. Alan BADDELEY

## Education

Cockburn High School, Leeds 1945-53  
University College London 1956 B.A. (Hons) II.I Psychology  
Princeton University 1957 M.A  
Cambridge University 1962 Ph.D

## Honours

1993 Elected Fellow of the Royal Society.  
1996 Elected Honorary Foreign Member of the American Academy of Arts and Sciences.  
1999 Commander of the British Empire (CBE) for contributions to the study of memory.  
1999 Founding Fellow of the Academy of Medical Sciences.  
2000 Founding Fellow of the Academy of Social Sciences.  
2001 APA Award for Distinguished Contribution to Science.  
2008 Elected Fellow of the British Academy.

Six Honorary Doctorates

## Appointments

1958-1967 Scientific Staff of MRC, MRC Applied Psychology Unit, 15 Chaucer Road, Cambridge  
1967-1972 Lecturer (later Reader), University of Sussex, Brighton, Sussex  
1972-1974 Professor of Psychology, University of Stirling, Stirling, Scotland  
1974-1995 Director, MRC Applied Psychology Unit, 15 Chaucer Road, Cambridge CB2 2EF  
1987-1995 Senior Research Fellow, Churchill College, Cambridge  
1991-1995 Honorary Professor of Cognitive Psychology, University of Cambridge  
1995-2003 Professor of Psychology, University of Bristol  
2003- Professor of Psychology, University of York

## Research output

Allen, RJ, Kemp, S, Atkinson, AL, Martin, S, Pauly-Takacs, K, Goodridge, CM, Gilliland, A & Baddeley, A 2025, 'Subjective and objective memory in a community-derived sample of people with epilepsy: Evidence from the Crimes and Four Doors tests', *Epilepsy & behavior*, vol. 172, 110519. <https://doi.org/10.1016/j.yebeh.2025.110519>

Allen, RJ, Kemp, S, Atkinson, AL, Martin, S, Pauly-Takacs, K, Goodridge, CM, Gilliland, A & Baddeley, A 2025, 'Detecting accelerated long-term forgetting remotely in a community sample of people with epilepsy: Evidence from the Crimes and Four Doors tests', *Cortex; a journal devoted to the study of the nervous system and behavior*, vol. 182, pp. 29-41. <https://doi.org/10.1016/j.cortex.2024.07.018>

Hitch, GJ, Allen, RJ & Baddeley, A 2024, 'The multicomponent model of working memory fifty years on', *Quarterly Journal of Experimental Psychology*, vol. 78, no. 2, pp. 222-239. <https://doi.org/10.1177/17470218241290909>

Rivera-Lares, K, Baddeley, A & Della Sala, S 2024, 'Influence of degree of learning on rate of forgetting of tonal sequences', *Memory & Cognition*. <https://doi.org/10.3758/s13421-024-01597-6>

Della Sala, S, Baddeley, A, Peng, N & Logie, R 2024, 'Assessing long-term forgetting: A pragmatic approach', *Cortex*, vol. 170, pp. 80-89. <https://doi.org/10.1016/j.cortex.2023.11.009>

Hu, Y, Allen, RJ, Baddeley, AD & Hitch, GJ 2023, 'Visual working memory phenomena based on categorical tasks replicate using a continuous measure: A simple interpretation and some methodological considerations', *Attention, Perception & Psychophysics*. <https://doi.org/10.3758/s13414-023-02656-x>

Baddeley, A, Xu, Z, Ho, ST & Hitch, GJ 2023, 'On verbal memory span in Chinese speakers: Evidence for employment of an articulation-resistant phonological component.', *Journal of Memory and Language*, vol. 129, 104389. <https://doi.org/10.1016/j.jml.2022.104389>

Li, G, Allen, RJ, Hitch, GJ & Baddeley, AD 2022, 'Translating words into actions in working memory: The role of spatial-motoric coding', *The Quarterly Journal of Experimental Psychology*, vol. 75, no. 10, pp. 1959-1975. <https://doi.org/10.1177/17470218221079848>

Rivera-Lares, K, Sala, SD, Baddeley, A & Logie, R 2022, 'Rate of forgetting is independent from initial degree of learning across different age groups', *Quarterly journal of experimental psychology (2006)*. <https://doi.org/10.1177/17470218221128780>

Guazzo, F, Allen, RJ, Baddeley, A & Della Sala, S 2020, 'Unimodal and Crossmodal working memory binding is not differentially affected by age or Alzheimer's disease', *Neuropsychology*. <https://doi.org/10.1037/neu0000622>

Stamate, A, Logie, RH, Baddeley, A & Della Sala, S 2020, 'Forgetting in Alzheimer's Disease: Is it fast? Is it affected by repeated retrieval?', *Neuropsychologia*, vol. 138, 107351. <https://doi.org/10.1016/j.neuropsychologia.2020.107351>

Hitch, GJ, Allen, RJ & Baddeley, AD 2019, 'Attention and binding in visual working memory: two forms of attention and two kinds of buffer storage', *Attention, Perception & Psychophysics*. <https://doi.org/10.3758/s13414-019-01837-x>

Allen, RJ, Kemp, S, Morson, S, Wells, C, Sissons, K & Baddeley, AD 2019, 'Does telephone testing of long-term memory retention and forgetting influence performance in young and older adults? An examination using the Crimes Test.', *The Neuropsychologist*. <<https://shop.bps.org.uk/publications/publication-by-series/the-neuropsychologist.html>>

Baddeley, AD, Hitch, GJ & Allen, R 2019, 'From short-term store to multicomponent working memory: the role of the modal model', *Memory & Cognition*, vol. 47, no. 4, pp. 575-588. <https://doi.org/10.3758/s13421-018-0878-5>

Mattys, S & Baddeley, AD 2019, 'Working Memory and Second-Language Accent Acquisition', *Applied Cognitive Psychology*. <https://doi.org/10.1002/acp.3554>

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Covre, P, Baddeley, AD, Hitch, GJ & Bueno, OFA 2018, 'Maintaining task set against distraction: The role of working memory in multitasking.', *Psychology & Neuroscience*.

Atkinson, AL, Berry, EDJ, Waterman, AH, Baddeley, AD, Hitch, GJ & Allen, RJ 2018, 'Are there multiple ways to direct attention in working memory?', *Annals of the New York Academy of Sciences*, pp. 1-12. <https://doi.org/10.1111/nyas.13634>

Hitch, GJ, Hu, Y, Allen, RJ & Baddeley, AD 2018, 'Competition for the focus of attention in visual working memory: perceptual recency versus executive control', *Annals of the New York Academy of Sciences*. <https://doi.org/10.1111/nyas.13631>

Baddeley, AD, Allen, R, Atkinson, A & Kemp, S 2018, 'The problem of detecting long-term forgetting: Evidence from the Crimes Test and the Four Doors Test', *Cortex*. <https://doi.org/10.1016/j.cortex.2018.01.017>

Allen, RJ, Hitch, GJ & Baddeley, AD 2018, 'Exploring the sentence advantage in working memory: Insights from serial recall and recognition', *Quarterly Journal of Experimental Psychology*, pp. 1-15. <https://doi.org/10.1177/1747021817746929>

Baddeley, AD 2018, *Exploring Working Memory: Selected works of Alan Baddeley*. World Library of Psychologists, Routledge, London.

Berry, E, Waterman, A, Baddeley, AD, Hitch, GJ & Allen, R 2018, 'The limits of visual working memory in children: exploring prioritization and recency effects with sequential presentation', *Developmental Psychology*, vol. 54, pp. 240-253. <https://doi.org/10.1037/dev0000427>

Mattys, S, Baddeley, AD & Trenkic, D 2017, 'Is the superior verbal memory span of Mandarin speakers due to faster rehearsal?', *Memory & Cognition*, vol. 46, no. 3, pp. 361-369. <https://doi.org/10.3758/s13421-017-0770-8>

Baddeley, AD, Hitch, GJ & Quinlan, PT 2017, 'Is the phonological similarity effect in working memory due to proactive interference?', *Journal of Experimental Psychology: Learning, Memory, and Cognition*.

Allen, RJ, Baddeley, AD & Hitch, GJ 2017, 'Executive and perceptual distraction in visual working memory', *Journal of Experimental Psychology: Human Perception and Performance*, vol. 43, no. 9, pp. 1677-1693. <https://doi.org/10.1037/xhp0000413>

Atkinson, A, Baddeley, AD & Allen, RJ 2017, 'Remember some or remember all? Ageing and strategy effects in visual working memory', *Quarterly Journal of Experimental Psychology*. <https://doi.org/10.1080/17470218.2017.1341537>

Baddeley, AD 2017, 'Modularity, working memory and language acquisition', *Second Language Research*, vol. 33, pp. 299-311. <https://doi.org/10.1177/0267658317709852>

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Hu, Y, Allen, RJ, Baddeley, AD & Hitch, GJ 2016, 'Executive control of stimulus-driven and goal-directed attention in visual working memory', *Attention, Perception & Psychophysics*, vol. 78, no. 7, pp. 2164-2175.

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Campoy, G, Castellà, J, Provencio, V, Hitch, GJ & Baddeley, AD 2015, 'Automatic semantic encoding in verbal short-term memory: Evidence from the concreteness effect', *The Quarterly Journal of Experimental Psychology*, vol. 68, no. 4, pp. 759-778. <https://doi.org/10.1080/17470218.2014.966248>

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Allen, RJ, Vargha-Khadem, F & Baddeley, AD 2014, 'Item-location binding in working memory: Is it hippocampus-dependent?', *Neuropsychologia*, vol. 59, pp. 74-84. <https://doi.org/10.1016/j.neuropsychologia.2014.04.013>

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Baddeley, A, Rawlings, B & Hayes, A 2014, 'Constrained prose recall and the assessment of long-term forgetting: The case of ageing and the Crimes Test', *Memory*, vol. 22, no. 8, pp. 1052-1059. <https://doi.org/10.1080/09658211.2013.865753>

Vredeveltdt, A, Baddeley, AD & Hitch, GJ 2014, 'The effectiveness of eye-closure in repeated interviews.', *Legal and criminological psychology*, vol. 19, no. 2, pp. 282-295. <https://doi.org/10.1111/lcrp.12013>

Prendergast, G, Limbrick-Oldfield, E, Ingamells, E, Gathercole, S, Baddeley, A & Green, GGR 2013, 'Differential patterns of prefrontal MEG activation during verbal & visual encoding and retrieval', *PLoS ONE*, vol. 8, no. 12, e82936. <https://doi.org/10.1371/journal.pone.0082936>

Baddeley, A 2013, 'On applying cognitive psychology', *British journal of psychology*, vol. 104, no. 4, pp. 443-456. <https://doi.org/10.1111/bjop.12049>

Saeki, E, Baddeley, AD, Hitch, GJ & Saito, S 2013, 'Breaking a habit: the role of the phonological loop in action control.', *Memory & Cognition*, vol. 41, no. 7, pp. 1065-1078. <https://doi.org/10.3758/s13421-013-0320-y>

Rao, VK & Baddeley, A 2013, 'Raven's matrices and working memory: a dual task approach.', *The Quarterly Journal of Experimental Psychology*, vol. 66, no. 10, pp. 1881-1887. <https://doi.org/10.1080/17470218.2013.828314>

Hurlstone, MJ, Hitch, GJ & Baddeley, AD 2013, 'Memory for Serial Order Across Domains: An Overview of the Literature and Directions for Future Research', *Psychological Bulletin*, vol. 140, no. 2, pp. 339-373. <https://doi.org/10.1037/a0034221>

Baddeley, AD 2013, 'Working memory and emotion: Ruminations on a theory of depression', *Review of General Psychology*, vol. 17, no. 1, pp. 20-27. <https://doi.org/10.1037/a0030029>

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Rossi-Arnaud, C, Pieroni, L, Spataro, P & Baddeley, A 2012, 'Working memory and individual differences in the encoding of vertical, horizontal and diagonal symmetry', *Acta psychologica*, vol. 141, no. 1, pp. 122-132. <https://doi.org/10.1016/j.actpsy.2012.06.007>

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Baddeley, A, Banse, R, Huang, Y-M & Page, M 2012, 'Working memory and emotion: detecting the hedonic detector', *Journal of Cognitive Psychology*, vol. 24, no. 1, pp. 6-16. <https://doi.org/10.1080/20445911.2011.613820>

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Kemp, S, Illman, N, Moulin, CJA & Baddeley, A 2012, 'Accelerated long-term forgetting (ALF) and transient epileptic amnesia (TEA): Two cases of epilepsy-related memory disorder', *Epilepsy & behavior*, vol. 24, no. 3, pp. 382-388. <https://doi.org/10.1016/j.yebeh.2012.04.119>

Vredeveltdt, A, Baddeley, A & Hitch, GJ 2012, 'The effects of eye-closure and "ear-closure" on recall of visual and auditory aspects of a criminal event', *Europe's Journal of Psychology*, vol. 8, no. 2, pp. 284-299. <https://doi.org/10.5964/ejop.v8i2.472>

## **Books**

A total of 11; most recent

Baddeley, A. D., Eysenck, M., & Anderson, M. C. (2009). *Memory*. Hove: Psychology Press.

Baddeley, AD. (2007). *Working memory, thought and action*. Oxford: Oxford University Press. Received BPS book award.