

## Curriculum vitae

Name: Alan John CARSON MB ChB, MPhil, MD, FRCPsych, FRCP

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### Current Post

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2001 - **Consultant Neuropsychiatrist and Lead Clinician**  
Scottish Neurobehavioural Rehabilitation Unit, Scottish Brain Injury  
Rehabilitation Service, Department of Clinical Neurosciences, Edinburgh.  
**Part time Senior Lecturer,**  
Department of Psychiatry, University of Edinburgh.

### Associated responsibilities

Associate Editor of Journal of Neurology, Neurosurgery and Psychiatry  
Director- National Managed Clinical Network for Acquired Brain Injury  
Management Board- Scottish Mental Health Research Network  
Board of Directors- British Neuropsychiatry Association  
Psychiatry Representative on Scottish Neurosciences Council  
Board of Pain Medicine- University of Edinburgh  
Editorial Board Member- Brain Injury (Journal of International Brain Injury Association)  
Executive Board member- Neuropsychiatry Section, Royal College of Psychiatrists  
Royal College of Psychiatrists' Neuropsychiatry advisor on somatoform disorders for DSM V &  
ICD 11 revisions  
Scottish Government- Chair of writing group- General Practice Guidelines on CFS/ME  
Guest editor- Advances in Clinical Neuroscience and Rehabilitation- Clinical Dilemmas in  
Neuropsychiatry series  
Previous Chairman- Scottish Head Injury Forum  
Guideline Development Group Member- Brain injury Rehabilitation. Scottish Intercollegiate  
Guidelines Network.  
Guideline Development Group Member- Chronic pain. Scottish Intercollegiate Guidelines  
Network.

### Grants

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Carson A. Neuropsychiatric effects of HIV in Kenya: Pilot follow up study. Murray  
Endowment Fund. 1997 £2000  
Carson A, Sharpe M. Lesion location and depression after stroke: Chest, Heart and Stroke  
Scotland: £4000  
Hurst NP, Maiden NL, Carson A, Sharpe M. Psychological Morbidity in Rheumatology:  
Edinburgh Ladies Luncheon Club £50 000.  
Carson A, Sharpe M. The prevalence, outcome, management and health costs of medically  
unexplained neurological symptoms: a Scottish National Study. *Quality Improvement  
Scotland*. 2002 - 2004: £149,847  
Carson A, Sharpe M, Warlow C. The prevalence, outcome, management and health costs of  
medically unexplained neurological symptoms: a Scottish National Study. *Chief Scientists  
Office*. 2002 - 2005: £196,720  
Sharpe M, Carson A. Scottish Mental Health Research Network. *Chief Scientists Office*  
2006 - 2009: £1,397,954  
Sharpe M, Carson A, Cavanagh J, Warlow C, Williams C. Scottish Neurological Symptoms  
Study: treatment development project. *Medical Research Council*  
2004 - 2006: £242,147

Carson A. Conversion Disorder. Protocol Development Group. *Scottish Mental Health Research Network*. 2010-12. £5000.

## Publications

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### *Books*

1. Mayou R, Sharpe M, Carson AJ (2003) *The ABC of Psychological Medicine*. BMJ Press, Tavistock Square, London.

### *Book Chapters*

2. Carson AJ, Zeman A, Brown TM, Sharpe M (2003) Organic Psychiatry in *The Companion to Psychiatric Studies*. Eds Johnstone EC et al, Churchill Livingstone, Edinburgh.
3. Carson AJ, Zeman A, Myles L, Sharpe M (2004) Neurology and neurosurgery. *The American Psychiatric Textbook of Psychosomatic Medicine*. Ed Levenstall J. American Psychiatric Press Incorporated, Washington.
4. Sharpe M, Stone J, Carson AJ (2005) Functional and Emotional Disorders. *Handbook of Neurology*. The Lancet, London.
5. Carson AJ, Zeman A, Myles L, Sharpe M (2005) Psychiatric symptoms in neurological disease. *The Handbook of Liaison Psychiatry* Ed Guthrie E, Lloyd G. Cambridge University Press, Cambridge
6. Carson AJ, Zeman A, Myles L, Sharpe M (2006) Neurology and neurosurgery. *The American Psychiatric Associations: Essentials of Psychosomatic Medicine*. Ed Levenstall J. American Psychiatric Press Incorporated, Washington.
7. Carson A and Stone J (2008) Symptoms unexplained by disease. In *Current themes in psychiatry*, Vol 5 Ed Bolton J, Agrawal N Macmillan Publishers
8. Carson AJ, Zeman A, Brown TM (2009) Organic Psychiatry in *The Companion to Psychiatric Studies*. Eds Johnstone EC et al, Churchill Livingstone, Edinburgh
9. Carson AJ, Zeman A, Stone J, Sharpe M (2009) Neurology and neurosurgery. *The American Psychiatric Textbook of Psychosomatic Medicine*. Ed Levenstall J. American Psychiatric Press Incorporated, Washington.
10. Carson A, Zeman A, Stone J (2009) Neuropsychiatry for liaison psychiatrists. *Seminars in liaison psychiatry*. Ed Guthrie E. Royal College of Psychiatrists Gaskell Press, London. In press
11. Carson A, Stone J, Sharpe M (2011) The epidemiology and clinical impact of psychogenic movement disorders. *Psychogenic movement disorders and other conversion disorders*. Eds Hallett M, Lang AE, Jankovic J, Fahn S, Halligan P, Voon V, Cloninger CR . Cambridge University Press, Cambridge
12. Stone J, Carson A, Sharpe M (2011) The Scottish Neurological Symptoms Study: diagnoses, characteristics, and prognosis in 1144 new neurology outpatients with symptoms unexplained by disease. *Psychogenic movement disorders and other conversion disorders*. Eds Hallett M, Lang AE, Jankovic J, Fahn S, Halligan P, Voon V, Cloninger CR . Cambridge University Press, Cambridge
13. Stone J, Carson A, Sharpe M (2011) Psychogenic movement disorders: explaining the diagnosis. *Psychogenic movement disorders and other conversion disorders*. Eds Hallett

M, Lang AE, Jankovic J, Fahn S, Halligan P, Voon V, Cloninger CR . Cambridge University Press, Cambridge

14. Sharpe M, Stone J, Carson A (2011) Psychotherapy for psychogenic movement disorders *Psychogenic movement disorders and other conversion disorders*. Eds Hallett M, Lang AE, Jankovic J, Fahn S, Halligan P, Voon V, Cloninger CR . Cambridge University Press, Cambridge
15. Sharpe M, Stone J, Carson A(2011) Somatoform disorders and psychogenic movement disorders. *Psychogenic movement disorders and other conversion disorders*. Eds Hallett M, Lang AE, Jankovic J, Fahn S, Halligan P, Voon V, Cloninger CR . Cambridge University Press, Cambridge
16. Stone J, Carson A. (2010) Functional Neurological Symptoms. *Oxford Textbook of Diagnosis and Management in Internal Medicine*.
17. Stone J, Carson A. (2011) Functional and dissociative (psychogenic) Neurological Symptoms. *Neurology in Clinical Practice* 6<sup>th</sup> Edition Ed. Daroff, Fenichel, Jankovic, Mazziotta.
18. Carson A, Stone J (2012) Considering anxiety and depression, *ABC of medically unexplained symptoms*. Ed Burton C. Wiley Blackwell London.
19. Stone J, Carson A (2012) Neurological symptoms: weakness, dizziness and collapse. *ABC of medically unexplained symptoms*. Ed Burton C. Wiley Blackwell London.
20. Carson A, Stone J (2012) Functional symptoms. *Landmark papers in Neurology*. Eds Turner M, Kiernan M. Oxford University Press. Oxford. **In preparation**
21. Carson A, Edwards M, Stone J (2012) Neuroimaging studies of functional symptoms. *The Neuroimaging of consciousness*. Eds Blumenfeld, Cavanna, Nani and Laureys. Springer Press Berlin.

### **Original Research**

22. Carson A.J., Sandler R., Owino F.N., Matete F.O.G., Johnstone E.C. (1998) Psychological Morbidity and HIV in Kenya. *Acta Psychiatrica Scandinavica* 97:267-271.
23. Carson A.J., Dawson H., Marshall D., Slatford K. (1998) Twenty eight years of liaison psychiatry at a general hospital. *Psychiatric Bulletin* 22:754-758.
24. Carson A. J., Crichton J., Bell D., Potts S. (1999) When medicine meets the law-Guidelines for decision making in acute medical admissions. *Health Bulletin* 1999 57: 267-275
25. Carson A.J. (1996) Adverse drug interaction between risperidone and procyclidine. *International Journal of Geriatric Psychiatry*: 11; 1121
26. Carson A. J., Dias I., Johnston A., McLoughlin M. A., O'Connor M., Robinson B.L., Sellar R.S., Trewavas J. J. C., Wojcik W.M (2000) Psychological morbidity in medical students. A case control study using the 60 item General Health Questionnaire. *Scottish Medical Journal* 45: 115-116.
27. Carson A.J., Ringbauer B., MacKenzie L., Warlow C. Sharpe M. (2000) Neurological disease, emotional disorder and disability: they are related. A study of 300 consecutive new referrals to neurology outpatient clinics. *Journal of Neurology Neurosurgery and Psychiatry* 68: 202-206

28. Carson A.J., Ringbauer B., Stone J., MacKenzie L., Warlow C. Sharpe M. (2000) Do medically unexplained symptoms matter? A study of 300 consecutive new referrals to neurology outpatient clinics. *Journal of Neurology Neurosurgery and Psychiatry* **68**: 207-210
29. Carson A.J., Shah P. (2000) Size does matter: a study of antidepressant prescribing in a general hospital. *Psychiatric Bulletin*. **24**: 32-33.
30. Carson A.J., Best S., Warlow C. Sharpe M. (2000) How common is suicidal ideation among neurology out-patients? *British Medical Journal*; **320**: 1311-1312.
31. Carson A. J., MacHale S., Allen K., House A., Dennis M., Sharpe M. (2000) Depression after stroke is not associated with lesion location: a systematic review. *Lancet*: **356**: 122-126.
32. Sharpe M, Carson A (2001) Unexplained somatic symptoms, functional syndromes and somatization: do we need a paradigm shift? *Annals of Internal Medicine* **134**: 926- 930.
33. Stone J, Sharpe M, Carson AJ, Lewis S, Goldbeck R, Thomas B, Warlow C.(2002) Are functional motor and sensory symptoms really more frequent on the left? A systematic review. *Journal of Neurology Neurosurgery and Psychiatry*; **73**:578-81.
34. Stone J, Wojcik W, Durrance D, Carson AJ, Lewis S, MacKenzie L, Warlow CP, Sharpe M.(2002) What should we say to patients with symptoms unexplained by disease? The "number needed to offend". *British Medical Journal*; **325**: 1449-50
35. Maiden NL, Hurst NP, Lochhead A, Carson AJ, Sharpe M. (2003) Medically unexplained symptoms in patients referred to a specialist rheumatology service: prevalence and associations. *Rheumatology*; **42**:108-112.
36. Maiden NL, Hurst NP, Lochhead A, Carson AJ, Sharpe M. (2003) Quantifying the burden of emotional ill-health amongst patients referred to a specialist rheumatology service. *Rheumatology*; **42**: 750-757.
37. Cavanagh J.O.C., Carson A.J., Allen K., Sharpe M., Lawrie S.M. (2003) What can psychological autopsy tell us about suicide? A systematic review. *Psychological Medicine*; **33**; 395-405.
38. Carson A.J., Postmas K. Stone J, Warlow C. Sharpe M (2003) The outcome of neurology patients with medically unexplained symptoms: a prospective cohort study. *Journal of Neurology Neurosurgery and Psychiatry*; **74**:897-900.
39. Carson A.J., Postmas K, Stone J, Warlow C, Sharpe M. (2003) The outcome of depressive disorders in neurology patients: a prospective cohort study. *Journal of Neurology Neurosurgery and Psychiatry*; **74**: 893-896.
40. Stone J, Durrance D, Wojcik W, Carson A.J., Sharpe M. (2004) What do medical outpatients attending a neurology clinic think about taking antidepressants? *Journal of Psychosomatic Research*; **56**: 293-5.
41. Carson A.J., Stone J, Warlow C, Sharpe M. (2004) What makes a neurologist find a patient difficult to help? *Journal of Neurology Neurosurgery and Psychiatry*; **75**: 1776-1778
42. Stone J, Durrance D, Wojcik W, Carson A, Sharpe M.(2003) What should we call pseudoseizures: the patients' perspective? *Seizure*; **12**: 568-72.

43. Stone J, Colyer M, Feltbower S, Carson A, Sharpe M. (2004) "Psychosomatic": a systematic review of its meaning in newspaper articles. *Psychosomatics*; 45: 287-90.
44. Stone J, Smyth R, Carson A, Lewis S, Prescott R, Warlow C, Sharpe M. (2005) The misdiagnosis of conversion symptoms / hysteria - a systematic review. *BMJ* 331: 989-991
45. Bennett D, Sharpe M, Freeman C, Carson A (2004) Anorexia nervosa in Ghanaian school pupils. *British Journal of Psychiatry* 185: 312-317
46. Zeman A, Carson A, Rivers C, Nath U (2005) A case of evolving post-ictal language disturbance secondary to a left temporal arteriovenous malformation - jargon aphasia or formal thought disorder? *Cognitive Neuropsychiatry* 12: 568-72.
47. Stone J, Smyth R, Carson A, Sharpe M, CP Warlow (2006) La belle indifference in conversion disorder (hysteria) - a systematic review. *British Journal of Psychiatry* 188: 204-209
48. Gray A C, Torrens L, White T O, Carson A, Robinson C M (2007) The cognitive effects of fat embolus syndrome following an isolated shaft fracture. A case report. *J Bone Joint Surg Am* 89 1092-96.
49. Stone J, Carson A, Aditya S, Zaubi M, Prescott R, Warlow C, Sharpe M. (2009) The role of physical trauma in precipitating motor conversion disorder - a systematic and narrative review. *Journal of Psychosomatic Research* 66: 383-390
50. Stone J, Hewett R, Carson A, Warlow C, Sharpe M (2008). The disappearance of hysteria: historical mystery or illusion? *Journal of the Royal Society of Medicine* 101: 12-18.
51. Sharpe M, Stone J, Hibberd C, Warlow C, Duncan R, Coleman R, Roberts R, Cull R, Pelosi A, Cavanagh J, Matthews K, Goldbeck R, Smyth R, Walker A, Walker J, MacMahon A, Murray G, Carson A (2009) Symptoms unexplained by 'organic' disease in neurology outpatients: illness beliefs and financial benefits predict outcome *Psychological Medicine* doi:10.1017/S0033291709990717
52. Stone J, Carson A, Hibberd C, Warlow C, Duncan R, Coleman R, Roberts R, Cull R, Pelosi A, Cavanagh J, Matthews K, Goldbeck R, Smyth R, Walker A, Walker J, MacMahon A, Murray G, Sharpe M (2009) Symptoms 'unexplained by organic disease' in 1144 new neurology outpatients: how often does the diagnosis turn out to be wrong? *Brain* 132: 2878-2888. doi: 10.1093/brain/awp22
53. Stone J, Carson A, Duncan R, Roberts R, Warlow C, Hibberd C, Coleman R, Cull R, Murray G, Pelosi A, Cavanagh J, Matthews K, Goldbeck R, Smyth R, Walker J, Sharpe M (2010) Who is referred to neurology clinics- The diagnoses made in 3781 new patients. *Clinical Neurology and Neurosurgery* 112(9); 745-838. doi:10.1016/j.clineuro.2010.05.011
54. Al-Sayegh A, Sandford D, Carson A (2010) Psychological approaches to the treatment of post-concussional syndrome: a systematic review. *Journal of Neurology Neurosurgery and Psychiatry* JDoi:10.1136/jnnp.2008.170092.
55. Rooney AG, Carson A, Grant R (2010) Depression in cerebral glioma patients: a systematic review of observational studies. *Journal of the National Cancer Institute*. 103: 1-16.
56. Carson A, Stone J, Hibberd C, Murray G, Duncan R, Coleman R, Warlow C, Roberts R, Pelosi A, Cavanagh J, Matthews K, Goldbeck R, Hansen C, Sharpe M Disability, distress and unemployment in neurology outpatients with symptoms 'unexplained by organic

disease *Journal of Neurology Neurosurgery and Psychiatry* J Neurol Neurosurg Psychiatry. 2011 Jul;82(7):810-3

57. Sharpe M, Walker J, Williams C, Stone J, Cavanagh J, Murray G, Butcher I, Duncan R, Hoskin S, Coyle B, Nolan M, Smith S, Hibberd C, Kent C, Torrens L, **Carson A** (2011). Guided Self-Help For Functional (Psychogenic) Neurological Symptoms: A Randomised Controlled Efficacy Trial. *Neurology*; 77:564-72
58. Stone J, Gelauff J, **Carson A**. (2011) A "twist in the tale": Altered perception of ankle position in psychogenic dystonia. *Mov Disord* Dec 15. doi: 10.1002/mds.24069.
59. Rooney AG, McNamara S, Mackinnon M, Fraser M, Rampling R, **Carson A**, Grant R. (2011) Frequency, clinical associations, and longitudinal course of major depressive disorder in adults with cerebral glioma. *J Clin Oncol.*; 29 :4307-12. Epub 2011
60. Stone J, **Carson A**, Duncan R, Roberts R, Coleman R, Warlow C, Murray G, Pelosi A, Cavanagh J, Matthews K, Goldbeck R, Sharpe M. (2012) Which neurological diseases are most likely to be associated with "symptoms unexplained by organic disease". *J Neurol.*; 259 :33-8.
61. Rooney AG, McNamara S, Mackinnon M, Fraser M, Rampling R, **Carson A**, Grant R (2012) Screening for major depressive disorder in adults with cerebral glioma: an initial validation of 3 self-report instruments *Neuro Oncol first published online December 9, 2012 doi:10.1093/neuonc/nos282*

### **Review Articles**

62. Peveler R, **Carson A**, Rodin G, (2002) Depression in medical patients. In Eds Mayou R, Sharpe M, **Carson A**. ABC of Psychological Medicine. *British Medical Journal*; 325: 149-152.
63. Sharpe M, Stone J, **Carson A** (2003) What do neurologists need to know about psychiatry? *Practical Neurology*; 3: 130-131.
64. Mayou R, Sharpe M, **Carson A** (2003) Psychological Medicine: obstacles to delivery. *The Journal of Psychosomatic Research* : 57; 217-218.
65. Stone J, **Carson A**, Sharpe M (2005) Functional Symptoms in Neurology: Diagnosis and Management. *ACNR* ; 4: 8-11
66. Stone J, **Carson A**, Sharpe M (2005) Functional symptoms and signs in neurology: assessment and diagnosis. *J Neurol Neurosurg Psychiatry*; 76: i2-12i.
67. Stone J, **Carson A**, Sharpe M (2005) Functional symptoms and signs in neurology: management. *J Neurol Neurosurg Psychiatry*; 76: i13-21i.
68. **Carson A**, Margolin R (2005) Depression in the Elderly with Neurologic Disease. *Cleveland Journal of Clinical Medicine*; 72: S52-64
69. Stone J, Warlow C, **Carson A**, Sharpe M (2005) Eliot Slater's myth of the non-existence of hysteria *J R Soc Med*; 98: 547-8
70. Stone J, **Carson A**, Sharpe M. (2007) Neurological Symptoms Unexplained by Disease. *BMJ Learning Module* ([www.bmj.com](http://www.bmj.com))

71. Craddock N. Antebi D. Attenburrow MJ. Bailey A. **Carson A.** Cowen P. Craddock B. Eagles J. Ebmeier K. Farmer A. Fazel S. Ferrier N. Geddes J. Goodwin G. Harrison P. Hawton K. Hunter S. Jacoby R. Jones I. Keedwell P. Kerr M. Mackin P. McGuffin P. Macintyre DJ. McConville P. Mountain D. O'Donovan MC. Owen MJ. Oyebode F. Phillips M. Price J. Shah P. Smith DJ. Walters J. Woodruff P. Young A. Zammit S. (2008) Wake-up call for British psychiatry. *British Journal of Psychiatry.* **193:** 6-9.
72. **Carson A,** Ryan T (2010) Managing acute behavioural disturbance. *Practical Neurology.* In press
73. Kanaan R, **Carson A,** Wessely S, Nicholson T, Aybek S, David A (2010) What's so special about Conversion Disorder? A problem and a proposal for diagnostic classification. *British Journal of Psychiatry.* **196:** 427-428.
74. Stone J, **Carson A** (2009) Movement disorders: Psychogenic movement disorders: what do neurologists do? *Nature Reviews Neurology;* **5:** 415-6
75. **Carson A,** Stone J (2010). Conversion disorder: assessment. Department of Health ELearning Module.
76. **Carson A,** Stone J (2010). Conversion disorder: management. Department of Health ELearning Module.
77. Stone J, **Carson A** (2011) Functional neurological symptoms:assessment and management. *Neurologic Clinics ;29:*1-18
78. **Carson AJ,** Kiernan MC. (2011) Who is really the world's best known neurologist? *Pract Neurol.;*11: 380-1.
79. **Carson, Alan J.** "Mood disorder as a specific complication of stroke." *Journal of Neurology, Neurosurgery & Psychiatry* 83.9 (2012): 859-859.
80. **Carson, AJ.,** Brown R, David A S, Duncan R, Edwards MJ, Goldstein Let al. "Functional (conversion) neurological symptoms: research since the millennium." *Journal of Neurology, Neurosurgery & Psychiatry* 83.8 (2012): 842-850.
81. Stone J, Perthen j, **Carson AJ.** "'A Leg to Stand On' by Oliver Sacks: a unique autobiographical account of functional paralysis." *Journal of Neurology, Neurosurgery & Psychiatry* 83.9 (2012): 864-867. (with commentary from Oliver Sacks)
82. Stone J **Carson A.** (2012)Functional symptoms in neurology: mimics and chameleons. *Pract Neurology* in press

### **Letters**

83. Stone J, **Carson A,** Sharpe M (2002) The wall between psychiatry and neurology. Some parts of the wall are thicker than others. *British Medical Journal;* **325:** 778.
84. Stone J, Warlow C, **Carson A.J.,** Sharpe M (2003) A 1908 systematic review of the laterality of hysterical hemiplegia *Journal of Neurology Neurosurgery and Psychiatry;* **74:** 1163-4.