

CURRICULUM VITA

BIOGRAPHICAL

Name: Stuart WG Derbyshire

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EDUCATION AND TRAINING

UNDERGRADUATE:

1988 - 5/91 University College London B.Sc. Hons Psychology 2.i
University of London, U.K.

GRADUATE:

1991 - 5/94 University College London Ph.D.
University of London, U.K.

POSTGRADUATE:

5/94 - 5/96 University of Manchester, U.K. Post-Doc

5/96 - 6/98 UPMC PET Facility, Radiology Dept. Research Fellow
Pittsburgh, PA

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

International Association for the Study of Pain 1997 - present

American Pain Society 1999 - present

Association for Psychological Science 2008 - present

APPOINTMENTS AND POSITIONS

ACADEMIC:

05/05 - present University of Birmingham Senior Lecturer
School of Psychology

05/05 - present University of Pittsburgh Adjunct Assistant
School of Medicine Professor
Department of Radiology

08/04 - 05/05 University of Pittsburgh Assistant Professor
School of Medicine (Primary)
Department of Radiology

08/04 - 05/05 University of Pittsburgh Assistant Professor
School of Medicine (Secondary)
Department of Anesthesiology

9/00 - 08/04 University of Pittsburgh Assistant Professor
School of Medicine
Department of Anesthesiology

07/98 - 08/00 University of California Assistant Professor
Los Angeles, CA
School of Medicine
Department of Gastroenterology

PUBLICATIONS

1. Refereed Articles:

1. Derbyshire SWG, Jones AKP, Devani P, Friston KJ, Feinmann C, Harris M, Pearce S, Watson JDG, Frackowiak RSJ. Cerebral responses to pain in patients with atypical facial pain measured by positron emission tomography. *Journal of Neurology Neurosurgery and Psychiatry* 1994; **57**: 1166-1173.
2. Jones AKP, Cunningham VJ, Ha-Kawa S, Fukiwara T, Luthra SK, Silva S, Derbyshire SWG, Jones T. Changes in central opioid receptor binding in relation to inflammation and pain in patients with rheumatoid arthritis. *British Journal of Rheumatology* 1995; **33**: 909-916.
3. Vogt BA, Derbyshire SWG, Jones AKP. Pain Processing in four regions of human cingulate cortex localized with coregistered PET and MR imaging. *European Journal of Neuroscience* 1996; **8**: 1461-1473.
4. Jones AKP, Derbyshire SWG, Reduced cortical responses to noxious heat in patients with rheumatoid arthritis RA. *Annals of the Rheumatic Diseases* 1997; **56**: 601-607.
5. Derbyshire SWG, Jones AKP, Gyulai F, Clark S, Townsend D, Firestone L. Pain processing during three levels of noxious stimulation produces differential patterns of central activity. *Pain* 1997; **73**: 431-445.
6. Derbyshire SWG. Sources of variation in assessing male and female responses to pain. *New Ideas in Psychology* 1997; **15**: 83-95.
7. Derbyshire SWG, Vogt BA, Jones AKP. Pain and Stroop interference tasks activate separate processing modules in anterior cingulate cortex. *Experimental Brain Research* 1998; **118**: 52-60.
8. Jones AP, Hughes DG, Robinson L, Brett DS, Aziz Q, Hamdy S, Thompson DG, Derbyshire SWG, Chen ACN, Jones AKP. Experiences with functional magnetic resonance imaging at 1 Tesla. *British Journal of Radiology* 1998; **71**: 160-166.
9. Derbyshire SWG, Jones AKP. The cerebral response to pain in two depressed patients. *Depression and Anxiety* 1998; **7**: 87-88.
10. Derbyshire SWG, Jones AKP. Cerebral responses to a continual tonic pain stimulus measured using positron emission tomography. *Pain* 1998; **76**: 127-135: Featured on the front page of Vol 77.
11. Smith GS, Reynolds CF, Pollock B, Derbyshire SWG, Nofzinger E, Dew MA, Houck PR, Milko D, Meltzer CC, Kupfer DJ. The cerebral glucose metabolic response to combined total sleep deprivation and antidepressant treatment in geriatric depression. *American Journal of Psychiatry* 1999; **156**: 683-689.
12. Derbyshire SWG, Jones AKP, Collins M, Feinmann C, Harris M. Cerebral responses to pain in patients suffering acute post dental extraction pain measured by positron emission tomography PET. *European Journal of Pain* 1999; **3**: 103-113.
13. Townsend DW, Beyer T, Meltzer CC, Dachille MA, Derbyshire SWG, Jones AKP, Kelley DE, Luketich JT. The ECAT ART scanner for positron tomography: 2 Research and clinical applications. *Clinical Positron Imaging* 1999; **2**: 17-30.
14. Derbyshire SWG. Locating the beginnings of pain. *Bioethics* 1999; **13**: 1-31.
15. Naliboff BD, Derbyshire SWG, Munakata J, Berman S, Mandelkern M, Chang L, Mayer EA. Cerebral activation in irritable bowel syndrome patients and control subjects during rectosigmoid stimulation. *Psychosomatic Medicine* 2001; **63**: 365-375.
16. Derbyshire SWG, Jones AKP, Creed F, Starz T, Meltzer CC, Townsend DW, Peterson AM, Firestone L. Cerebral responses to noxious thermal stimulation in chronic low back pain patients and normal controls. *Neuroimage* 2002; **16**: 158-168.
17. Mayer EA, Berman S, Derbyshire SWG, Chang L, Fitzgerald L, Mandelkern M, Hamm L, Bogt BA, Naliboff BD. The effects of the 5-HT₃ receptor antagonist alosetron on

brain responses to visceral stimulation in IBS patients. *Alimentary Pharmacology and Therapeutics* 2002; **16**: 1357-1366.

18. Derbyshire SWG, Nichols TE, Firestone L, Townsend DW, Jones AKP. Gender differences in patterns of cerebral activation during equal experience of painful laser stimulation. *Journal of Pain* 2002; **3**: 401-411.

19. Berman S, Chang L, Suyenobu B, Derbyshire SW, Stains J, Fitzgerald L, Mandelkern M, Hamm L, Vogt B, Naliboff BD, Mayer EA. Condition specific deactivation of brain regions by 5-HT₃ receptor antagonist alosetron. *Gastroenterology* 2002; **123**: 969-977.

20. Bentley DE, Derbyshire SWG, Youell PD, Jones AKP. Caudal cingulate cortex involvement in pain processing: an inter-individual laser evoked potential source localisation study using realistic head models. *Pain* 2003; **102**: 265-271.

21. Derbyshire SWG. Review and meta-analysis of neuroimaging data reveals differential activation from upper and lower gastrointestinal distension. *American Journal of Gastroenterology* 2003; **98**: 12-20.

22. Chang L, Berman S, Suyenobu B, Derbyshire S, Naliboff B, Vogt B, Fitzgerald L, Mandelkern MA, Mayer EA. Cerebral responses to visceral and somatic stimuli in patients with irritable bowel syndrome with and without fibromyalgia. *American Journal of Gastroenterology* 2003; **98**: 1354-1361.

23. Naliboff BD, Berman S, Derbyshire SWG, Suyenobu B, Vogt BA, Mandelkern M, Mayer EA. Sex-related differences in IBS patients: central processing of visceral stimuli. *Gastroenterology* 2003; **124**: 1738-1747.

24. Vogt BA, Berger GR, Derbyshire SWG. Structural and functional dichotomy of human midcingulate cortex. *European Journal of Neuroscience* 2003; **18**: 3134-3144.

25. Derbyshire SWG, Whalley MG, Stenger VA, Oakley DA. Cerebral activation during hypnotically induced and imagined pain. *NeuroImage* 2004; **23**: 392-401.

26. Kulkarni B, Bentley DE, Elliott R, Youell P, Watson A, Derbyshire SWG, Frackowiak RSJ, Friston KJ, Jones AKP. Attention-dependent processing of nociception in the human brain. *European Journal of Neuroscience* 2005; **21**: 3133-3142.

27. Eisenberg DP, London ED, Matochik JA, Derbyshire S, Cohen LJ, Steinfeld M, Prosser J, Galynker IG. Education-associated cortical glucose metabolism during sustained attention. *NeuroReport* 2005; **16**: 1473-1476.

28. Griffiths D, Derbyshire SWG, Stenger A, Logue E, Resnick N. Brain control of normal and overactive bladder. *Journal of Urology* 2005; **174**: 1862-1867.

29. Gianaros PJ, Derbyshire SWG, May JC, Siegle GJ, Jennings JR. Increased mean arterial pressure to a behavioral stressor correlates with greater concurrent fMRI BOLD activation in cortical and subcortical brain regions. *Psychophysiology* 2005; **42**: 627-635.

30. Derbyshire SWG. Can fetuses feel pain? *British Medical Journal* 2006; **332**: 909-912.

31. Gianaros PJ, Jennings JR, Sheu LK, Derbyshire SWG, Mathews KA. Heightened functional neural activation to psychological stress covaries with exaggerated blood pressure reactivity. *Hypertension* 2007; **49**: 1-7.

32. Hylands-White N, Derbyshire SWG. Modifying pain perception: is it better to be hypnotisable or feel that you are hypnotised? *Contemporary Hypnosis* 2007; **24**: 143-153.

33. Kirwilliam SS, Derbyshire SWG. Increased bias to report heat or pain following emotional priming of pain-related fear. *Pain* 2008; **137**: 60-65.

34. Derbyshire SWG. Fetal pain: Do we know enough to do the right thing? *Reproductive Health Matters* 2008; **16(S31)**: 117-126.

35. Derbyshire SWG, Osborn J. Enhancement of offset analgesia during sequential testing. *European Journal of Pain* 2008; **12**: 980-989.
<http://dx.doi.org/10.1016/j.ejpain.2008.01.008>
36. Eisenberg DP, Prosser JM, Steinfeld M, Cruciani RA, Cohen LJ, Derbyshire S, Galynker II. Abnormal nociception in remitted heroin dependence months after detoxification from methadone-maintenance. *Drugs and Alcohol Dependence* 2008; in press.
37. Lane RD, Waldstein SR, Critchley H, Derbyshire SWG, Drossman DA, Wager T, Schneiderman N, Chesney MA, Jennings JR, Lovallo WR, Rose RM, Thayer JF, Cameron OG. The Rebirth of Neuroscience in Psychosomatic Medicine, Part II: Clinical Applications and Implications for Research. *Psychosomatic Medicine* 2008; in press.
38. Derbyshire SWG, Whalley MG, Oakley DA. Fibromyalgia pain and its modulation by hypnotic and non-hypnotic suggestion: An fMRI analysis. *European Journal of Pain* 2008; in press.
39. Derbyshire SWG. The ethical dilemma of ethical committees. *Sociology Compass* 2008; **2**: 10.
<http://www.blackwell-synergy.com/doi/full/10.1111/j.1751-9020.2008.00143.x>
40. Warbrick T, Derbyshire SWG, Bagshaw AP. Stimulation and data analysis methods for measuring contact heat evoked potentials. *Journal of Clinical Neurophysiology* 2008; in press.

2. Reviews, invited published papers, proceedings of conference and symposia, monographs, books and book chapters:

1. Jones AKP, Derbyshire SWG. PET Imaging of Pain Related Somatosensory Cortical Activity. In *Pain and The Brain: From Nociception to Cognition*. B Bromm, JE Desmedt, Eds. Advances in Pain Research and Therapy 1994; Vol 22 Raven Press Ltd New York.
2. Derbyshire SWG, Jones AKP. Opiate receptors in the brain. *Journal of Neurology Neurosurgery and Psychiatry* 1994; **57**: 1165.
3. Jones AKP, Derbyshire SWG. Cortical and Thalamic Imaging in Normal Volunteers and Patients with Chronic Pain. In *Forebrain Areas Involved in Pain Processing*. JM Besson, G Guilbaud, H Ollat, Eds. John Libbey Eurotext 1995.
4. Jones AKP, Derbyshire SWG. Positron Emission Tomography as a Tool for Understanding the Cerebral Processing of Pain. In *Touch Temperature and Pain in Health and Disease: Mechanisms and Assessments*. J Boivie, P Hansson, U Lindblom, Eds. IASP Press 1995.
5. Derbyshire SWG, Chen ACN, Jones AKP. Somatosensory and Frontal Cortical Processing During Pain Experience. In *Somesthesia and the Neurobiology of the Somatosensory Cortex*. O Franzen, R Johansson, L Terenius, Eds. Birkhauser Switzerland 1996.
6. Derbyshire SWG, Furedi A. "Fetal pain" is a misnomer. *British Medical Journal* 1996; **313**: 795.
7. Derbyshire SWG. Pain. In *Encyclopedia of Human Emotions*. D Levinson, J Ponzetti, P Jorgensen, Eds. Macmillan Reference New York 1999.
8. Derbyshire SWG. Imaging the Brain in Pain. In *American Pain Society Bulletin V92*. R H Gracely, Ed. APS Illinois 1999.
9. Derbyshire SWG. Meta-analysis of thirty-four independent samples studied using positron emission tomography PET reveals a significantly attenuated central response to noxious stimulation in clinical pain patients. *Current Review of Pain* 1999; **3**: 265-280.
10. Derbyshire SWG. The IASP definition captures the essence of pain experience. *Pain Forum* 1999; **8**: 106-109.

11. Derbyshire SWG. Exploring the pain "neuromatrix." *Current Review of Pain* 2000; **6**: 467-477.
12. Derbyshire SWG. Fetal pain: An infantile debate. *Bioethics* 2001; **1**: 77-84.
13. Derbyshire SWG. Principles of Behavioral and Cognitive Neurology, 2nd Edition [review]. *Contemporary Psychology - APA Review of Books* 2001; **46**: 590-593.
14. Derbyshire SWG. Measuring our natural painkiller. *Trends in Neuroscience* 2002; **25**: 65-66.
15. Derbyshire SWG. Why Animal Rights are Wrong. In, *Animal Experiments: Good or Bad?* E. Lee, Ed. Hodder & Stoughton, 2002.
16. Jones AKP, Kulkarni B, Derbyshire SWG. Functional imaging of pain perception. *Current Rheumatology Reports* 2002; **4**: 329-333.
17. Derbyshire SWG. Where pain imaging is at today. *Hospital Decisions International* 2003; **1**: 95-97.
18. Derbyshire SWG. Fetal Pain - A Look at the Evidence. In *American Pain Society Bulletin*. P. Vicente, Ed. APS Illinois 2003; **13**: 1-12.
19. Derbyshire SWG. Visceral afferent pathways and functional brain imaging. *TheScientificWorldJOURNAL* 2003; **3**: 1065-1080.
20. Jones AKP, Kulkarni B, Derbyshire SWG. Pain mechanisms and their disorders. *British Medical Bulletin* 2003; **65**: 83-93.
21. Derbyshire SWG. If we are to understand pain and help our patients, what do we need to do differently? *American Pain Society Bulletin*. 2004; **14**: 5-11.
22. Derbyshire SWG. Fetal Sentience and the Neurobiology of Pain. In, *Late Abortion: A Review of the Evidence*. E. Lee, Ed. Pro+Choice Forum, 2004.
23. Derbyshire SWG. The biopsychosocial model: Meaningless catchphrase or fundamental cornerstone? *Journal of Cancer Pain and Symptom Palliation* 2005; **1**: 79-84.
24. Derbyshire SWG. Burning questions about the brain in pain [editorial]. *Pain* 2006; **122**: 217-218.
25. Derbyshire SWG. Fetal Pain: What the Evidence Can and Cannot Tell Us. *American Pain Society Bulletin*. 2006; **16**: 1-5.
26. Derbyshire SWG. Use of mobile phones in hospitals [editorial]. *British Medical Journal* 2006; **333**: 767-8.
27. Derbyshire SWG. The rise of the ethics committee: regulation by another name? In *Science versus superstition: The case for a new scientific enlightenment*. J. Panton, O.M. Hartwich (eds), Policy Exchange Press, 2006; 35-50.
28. Derbyshire SWG, Osborn J. Modelling pain circuits: How imaging may modify perception. *Neuroimaging Clinics* 2007; **17**: 485-493.
29. Derbyshire SWG. Imaging Visceral Pain. *Current Pain and Headache Reports* 2007; **11**: 178-182.
30. Nofzinger EA, Derbyshire SWG. Pain imaging in relation to sleep. In *Sleep and Pain*. G. Lavigne, BJ Sessle, M Choiniere, PJ Soja (eds), IASP Press, 2007; 153-173.
31. Derbyshire SWG. Assessing Pain in Animals. In, *The Senses: A Comprehensive Reference*, Vol. 5. C. Bushnell, A. Basbaum (eds), San Diego: Academic Press, 2008; 969-974.
32. Derbyshire SWG. Gender, pain and the brain. *IASP Pain: Clinical Updates* 2008; 16(3).

33. Vogt BA, Derbyshire SWG. Visceral circuits, autonomic function and human imaging. In, *Cingulate Neurobiology and Disease Volume 1: Infrastructure, Disease, Treatment*. B.A. Vogt, Ed. Oxford University Press 2008; in press.

34. Derbyshire SWG, Bremner JD. Functional visceral and somatic pain-stress syndromes. In, *Cingulate Neurobiology and Disease Volume 1: Infrastructure, Disease, Treatment*. B.A. Vogt, Ed. Oxford University Press 2008; in press.

3. Abstracts:

1. Derbyshire SWG, Jones AKP, Brown WD, Devani P, Friston KJ, Qi LY, Frackowiak RSJ. Cortical and subcortical responses to pain in male and female volunteers measured by Positron Emission Tomography. *Scandinavian Journal of Rheumatology* 1992; **S94** A152.

2. Derbyshire SWG, Jones AKP, Devani P, Friston KJ, Feinmann C, Harris M, Pearce S, Frackowiak RSJ. Cerebral responses to pain in patients with atypical facial pain. *Journal of Cerebral Blood Flow and Metabolism* 1993; **13(S1)**: S799.

3. Derbyshire SWG, Jones AKP, Brown WD, Devani P, Friston KJ, Qi LY, Pearce S, Frackowiak RSJ. Cortical and subcortical responses to pain in male and female volunteers. *IASP Publications - 7th World Congress on Pain Abstracts* 1993; **500**: A1319.

4. Derbyshire SWG, Jones AKP, Brown WD, Devani P, Friston KJ, Qi LY, Pearce S, Frackowiak RSJ, Jones T. Cortical and subcortical responses to pain in male and female volunteers. *Journal of Cerebral Blood Flow and Metabolism* 1993; **13(S1)**: S546.

5. Derbyshire SWG, Jones AKP, Devani P, Friston KJ, Feinmann C, Harris M, Pearce S, Frackowiak RSJ. Cerebral responses to pain in patients with atypical facial pain. *IASP Publications - 7th World Congress on Pain Abstracts* 1993; **261**: A686.

6. Derbyshire SWG, Jones AKP, Friston KJ, Spinks T, Frackowiak RSJ. Physical principles of Positron Emission Tomography and the Analysis of Activation Studies. *British Psychophysiology Society Newsletter* 1994; **December**: 31.

7. Derbyshire SWG, Jones AKP, Devani P, Friston KJ, Feinmann C, Harris M, Frackowiak RSJ. Cerebral responses to pain in normal volunteers and patients with pain disorder measured by positron emission tomography. *British Psychophysiology Society Newsletter* 1994; **December**: 62.

8. Derbyshire SWG, Jones AKP, Collins M, Friston KJ, Feinmann C, Harris M, Frackowiak RSJ. Cerebral responses to pain in patients suffering acute post dental extraction pain measured by Positron Emission Tomography. *The Pain Society: Annual Scientific Meeting* 1995; **78**.

9. Derbyshire SWG, Jones AKP, Apkarian AV, Jones T. Cerebral responses to a continual tonic pain stimulus measured using Positron Emission Tomography. *The Pain Society: Annual Scientific Meeting* 1995; **77**.

10. Jones AKP, Derbyshire SWG, Apkarian AV, Jones T. Cerebral responses to a continual tonic pain stimulus measured using Positron Emission Tomography. *Journal of Cerebral Blood Flow and Metabolism* 1995; **15(S1)**: S860.

11. Derbyshire SWG, Jones AKP, Jones T. All in the mind? A comparison of 'organic' with 'psychogenic' pain using PET. *The Pain Society: Annual Scientific Meeting* 1995; **44**.

12. Derbyshire SWG, Jones AKP, Vogt BA, Frackowiak RSJ. An investigation of central processing with the Stroop task and pain using Positron Emission Tomography A within subjects design. *Journal of Cerebral Blood Flow and Metabolism* 1995; **15(S1)**: S45.

13. Townsend DW, Derbyshire SWG, Clark S, Nichols TE, Dacheille MA, Ruszkiewicz JA, Milko DL, Gyulai F, Firestone L, Mintun MA, Jones AKP. The State of the ART. *Journal of Nuclear Medicine* 1996; **375**: 286.

14. Derbyshire SWG, Jones AKP, Clark S, Gyulai F, Firestone L. Responses to laser pain stimulus measured using Positron Emission Tomography PET. *The Pain Society: Annual Scientific Meeting* 1996; **16**.
15. Jones AKP, Derbyshire SWG, Jones AP, Hughes DG, Robinson L, Chen AC. Cerebral responses to pain measured using functional magnetic resonance imaging at 1 tesla. *IASP Publications - 8th World Congress on Pain Abstracts* 1996; **445**: A30.
16. Derbyshire SWG, Jones AKP, Clark S, Gyulai F, Firestone L, Townsend D, Mintun M. Cerebral responses to laser pain stimulus measured using Positron Emission Tomography PET. *IASP Publications - 8th World Congress on Pain Abstracts* 1996; **443**: A23.
17. Derbyshire SWG, Jones AKP, Chen ACN, Jones AP, Hughes DG, Robinson L. Cerebral responses to pain measured using functional magnetic resonance imaging at 1 Tesla. *The Pain Society: Annual Scientific Meeting* 1996; **6** - Awarded Best Short Paper Presentation.
18. Milko DL, Wiseman MB, Derbyshire SWG, Ruszkiewicz JA, Manthei DA, Soso MJ, Urso GK, Townsend DW, Meltzer CC. Pathophysiology of migraine headaches using positron emission tomography *The Society of Nuclear Medicine 44th Annual Meeting* 1997.
19. Wiseman MB, Derbyshire SWG, Dachille MA, Milko DL, Ruszkiewicz JA, Meltzer CC, Townsend DW. A double blind randomized comparison of sumatriptan and placebo effects on migraine headache and central response measured using positron emission tomography. *The Society of Nuclear Medicine 44th Annual Meeting* 1997.
20. Derbyshire SWG, Gyulai F, Jones AKP, Townsend D, Firestone L. What is the relation between pain stimulus intensity and cerebral activation? *The Pain Society: Annual Scientific Meeting* 1997; **4**.
21. Derbyshire SWG, Gyulai F, Jones AKP, Clark S, Townsend D, Firestone L. Attenuation of laser pain by fentanyl correlates with focal changes in cerebral response. *Journal of Cerebral Blood Flow and Metabolism* 1997; **17(S1)**: S654.
22. Derbyshire SWG. Central representation of somatic and visceral pain. *Neurogastroenterology and Motility* 1998; **10(4)**: 356.
23. Derbyshire SWG, Naliboff BD, Munakata J, Chang L, Mandelkern M, Berman S, Mayer EA. The central correlates of visceral pain and anticipation in controls versus patients suffering irritable bowel syndrome IBS *CURE GI Clinical and Outcomes Research Meeting* 1998; West Los Angeles VA Medical Center.
24. Derbyshire SWG, Jones AKP, Townsend D, Gyulai F, Firestone L. Gender differences in the central response to pain controlled for stimulus intensity. *Society for Neuroscience* 1998; **24**: 21211.
25. Derbyshire SWG, Jones AKP, Creed F, Starz T, Meltzer CC, Townsend DW, Firestone L. Cerebral responses to noxious thermal stimulation are the same in chronic low back pain patients as normal controls. *Journal of Cerebral Blood Flow and Metabolism* 1999; **19(S1)** S123.
26. Derbyshire SWG, Naliboff B, Munakata J, Chang L, Mandelkern M, Berman S, Mayer EA. Gender differences in the central response to visceral pain and anticipation of pain in irritable bowel syndrome IBS. *Gastroenterology* 1999; **116**.
27. Derbyshire SWG, Naliboff B, Mandelkern M, Hamm L, Mayer EA Evidence for selective effect of the 5HT₃ antagonist alosetron on amygdala and hippocampal activation in IBS patients. *Gastroenterology* 2000; **118**: 5233.
28. Naliboff BD, Lee OY, Derbyshire SWG, Olivias TI, Chang L, Mayer EA. Central and symptomatic correlates of rectal accommodation in IBS. *Gastroenterology* 2000; **118**: 5473.
29. Naliboff BD, Derbyshire SWG, Munakata J, Berman S, Mandelkern MA, Chang L, Mayer EA. Evidence for decreased activation of central fear circuits by expected aversive visceral stimuli in IBS patients. *Gastroenterology* 2000; **118**: 822.

30. Derbyshire SWG. Metareview of functional imaging studies with noxious stimuli reveals reproducible patterns of central activation. *Journal of Pain* 2001; **2**: 655.
31. Derbyshire SWG. Metareview of functional imaging studies with visceral stimuli reveals differential central activation during esophageal and rectal distension. *Gastroenterology* 2001; **120**: 3836
32. Berman SM, Derbyshire SWG, Naliboff BD, Mandelkern M, Mayer EA. Regional brain changes in response to rectal balloon inflation in irritable bowel syndrome. *Psychophysiology* 2001; **38**: S25.
33. Ringel Y, Drossman DA, Turkington TG, Bradshaw BH, Coleman RE, Derbyshire SWG. Alterations in regional decreased cerebral blood flow in patients with irritable bowel syndrome - A PET imaging study. *Gastroenterology* 2001; **120**: 3231.
34. Mayer EA, Berman SM, Derbyshire SWG, Soyenobu B, Mandelkern MA, Chang L, Naliboff BD. The effect of the 5-HT₃ receptor antagonist Alosetron on regional brain activation in IBS patients is not dependent on activation of nociceptive visceral afferents: A H₂¹⁵O PET study. *Gastroenterology* 2001; **120**: 355.
35. Naliboff BD, Derbyshire SWG, Berman SM, Mandelkern MA, Chang L, Stains J, Mayer EA. Assessing the stability of brain activation to visceral stimulation in IBS *Gastroenterology* 2001; **120**: 711.
36. Derbyshire SWG. Metareview of functional imaging studies with noxious stimuli reveals reproducible patterns of central activation *Neuroimage* 2001; **13**: S1152.
37. Vogt BA, Derbyshire SWG. Roles of human anterior and posterior midcingulate cortex in pain processing. IASP Press 2002; **10**:143
38. Derbyshire SWG, Whalley M, Oakley DA. Subjects hallucinating pain in the absence of a stimulus activate anterior cingulate, anterior insula, prefrontal and parietal cortices. *J Pain* 2003; **4**: S39.
39. Whalley M, Oakley DA, Derbyshire SWG. Neural activations due to real, hallucinated and imagined pain experiences. *NeuroImage* 2003; **13**: S1544.
40. Vogt BA, Drossman DA, Ringel Y, Lin W, Leserman J, Berger G, Derbyshire SWG. Anterior midcingulate cortex; meta-analyses of fear and long-duration noxious responses correlated with rectal pain in irritable bowel syndrome case with abuse. *NeuroImage* 2003; **13**: S132.
41. Derbyshire SWG, Whalley M, Oakley DA. Subjects hallucinating pain in the absence of a stimulus activate anterior cingulate, anterior insula, prefrontal and parietal cortices. Association of University Anesthesiologists, Milwaukee, May 2003.
42. Derbyshire SWG, Jones AKP, Vogt BA, Starz T, Creed F. Depression alters processing in the pain neuromatrix. 4th Congress of EFIC - Pain in Europe IV, Prague, September 2003. Awarded best poster presentation.
43. Griffiths D, Derbyshire S, Logue E, Stenger VA, Resnick N. Cerebral control of bladder function: the brain-bladder connection. International Continence Society, Florence, October 2003.
44. Saxena S, Derbyshire S, Bernstein C, Rizk N, Cope D. Efficacy of lumbar sympathetic blockade in the management of Complex Regional Pain Syndrome. *Reg Anesth Pain Med* 2003; **28**.
45. Derbyshire SWG, Whalley M, Stenger VA, Oakley DA. Revealing the neural signature of fibromyalgia pain using functional magnetic resonance imaging. *J Pain* 2004; **5**(S1): 5.
46. Derbyshire SWG, Whalley M, Stenger VA, Oakley DA. Hypnotic modulation of the neural signature of fibromyalgia and acute thermal pain. *NeuroImage* 2004.
47. Gianaros PJ, Derbyshire SW, Jennings JR. Functional Neural Correlates of Cardiovascular and Cardiac Autonomic Reactivity to Psychological Stressors in Health and Disease. *American Psychosomatic Society* 2005.

48. Derbyshire SWG, McGonigle DJ, Stenger VA, Gianaros PJ. Tapping the effects of pulse sequence, voxel size and smoothing. *NeuroImage* 2005.
49. Gianaros PJ, May C, Derbyshire SW, Jennings JR. Functional neural correlates of blood pressure reactions to stress. *NeuroImage* 2005.
50. Derbyshire SWG, Osborn J, Kirwilliam S. Subjective variation in pain experience when receiving the same objective stimulus. American Psychosomatic Society, 65th Annual Scientific Meeting, Budapest, March 7, 2007.
51. Derbyshire SWG, Warbrick T, Edwards L, Gianaros PJ, McGonigle DJ. Same Brain, Same Pain. Different Day, Different Activation. *NeuroImage* 2007. Top 65 abstract and selected for oral presentation.
52. Warbrick T, Derbyshire SW, Bagshaw AP. Stimulation methods for measuring contact heat evoked potentials. *NeuroImage* 2007.
53. Hollin GJS, LaRonde JC, Derbyshire SWG. Cold pressor pain reduces phobic fear but fear does not reduce pain. World Congress on Pain, Glasgow, August 17-22, 2008.
54. Osborn J, Derbyshire SWG. Sticks and stones may break my bones but pictures really hurt me. World Congress on Pain, Glasgow, August 17-22, 2008.
55. Derbyshire SWG, Dennis NL, Hollin GJS, Osborn J, McCabe C, Warbrick T, Lloyd D. Utilising the rubber hand illusion to generate pain in the absence of injury. World Congress on Pain, Glasgow, August 17-22, 2008.
56. Dennis NL, Derbyshire SWG. Verbal statements in a truthful, but not untruthful, context can alter pain experience. World Congress on Pain, Glasgow, August 17-22, 2008.

4. Other publications

1. Derbyshire SWG. Fetal stress responses [Letter]. *The Lancet* 1994; **344**: 615.
2. Derbyshire SWG. Duesberg and AIDS [Letter]. *Nature* 1995; **377**: 672.
3. Derbyshire SWG. AIDS is less of a health threat than other diseases in Africa [Letter]. *British Medical Journal* 1995; **311**: 633.
4. Derbyshire SWG. Comment on editorial by Anand and Craig [Letter]. *Pain* 1996; **67**: 210-211.
5. Derbyshire SWG. Infectious AIDS: Have we been misled? [Review] *British Medical Journal* 1996; **312**: 1236.
6. Derbyshire SWG. Toward a science of consciousness: Journey to the centers of the mind [Review]. *British Medical Journal* 1996; **313**: 1090-1091.
7. Derbyshire SWG. Those who believe in alternative theories of AIDS have little room to maneuver [Letter]. *British Medical Journal* 1997; **314**: 607-608.
8. Derbyshire SWG. Analgesic and anaesthetic procedures are being introduced because of shoddy sentimental argument [Letter]. *British Medical Journal* 1997; **314**: 1201.
9. Derbyshire SWG. DNA and Destiny: Nature and Nurture in Human Behaviour [Review]. *British Medical Journal* 1997; **314**: 1137.
10. Derbyshire SWG. Abortion: Between Freedom and Necessity [Review]. *British Medical Journal* 1997; **314**: 1840-1841.
11. Derbyshire SWG. Culture of Fear: Risk Taking and the Morality of Low Expectation [Review]. *British Medical Journal* 1997; **315**: 823.
12. Derbyshire SWG. Ante-Natal Screening and Abortion for Fetal Abnormality [Review]. *British Medical Journal* 1997; **315**: 1169.

13. Derbyshire SWG. Intelligence Heredity and Environment [Review]. *British Medical Journal* 1998; **316**: 319.
14. Derbyshire SWG. Science and the Retreat from Reason [Review]. *British Medical Journal* 1998; **316**: 1915.
15. Derbyshire SWG. Reply to N Cunningham [Invited Communication]. *Pain* 1998; **74**: 104-106.
16. Derbyshire SWG. Abortion Law and Politics Today [Review]. *Bioethics* 1999: **13**; 450-453.
17. Mayer EA, Derbyshire SWG, Naliboff BD, Mertz H Kessler R, Read NW. Cerebral activation in irritable bowel syndrome [Letter]. *Gastroenterology* 2000; **119**: 1418-1420.
18. Derbyshire SWG. The Tyranny of Health: Doctors and the Regulation of Lifestyle [Review]. *British Medical Journal* 2001; **322**: 305.
19. Derbyshire SWG. Genetics in Medicine: Real Promises Unreal Expectations [Website Review]. *British Medical Journal* 2001; **322**: 1069.
20. Derbyshire SWG. The Execution of Timothy McVeigh: Must See TV? [Media Review] *British Medical Journal* 2001; **322**:1254.
21. Derbyshire SWG. Principles of Behavioral and Cognitive Neurology, 2nd Edition [Review]. *Contemporary Psychology - APA Review of Books* 2001; **46**: 590-593.
22. Derbyshire SWG. Designer Babies: Where Should We Draw the Line? [Review] *British Medical Journal* 2002; **325**: 974.
23. Derbyshire SWG. American Academy of Orofacial Pain [Website Review]. *American Pain Society Bulletin*. 2003; **13(4)**: 16.
24. Derbyshire SWG. HIV in Africa following unsafe injections [Letter]. *Int J STD AIDS* 2003; **14**: 573-574.
25. Derbyshire SWG. Society for Neuroscience [Website Review]. *American Pain Society Bulletin*. 2003; **13(4)**: 9.
26. Derbyshire SWG. Second Opinion: Doctors, Diseases and Decisions in Modern Medicine [Review]. *British Medical Journal* 2003; **327**: 399.
27. Derbyshire SWG. Cellular Phones, Public Fears, and a Culture of Precaution [Review]. *British Medical Journal* 2004; **328**: 292.
28. Derbyshire SWG. Abortion, Motherhood and Mental Health: Medicalizing Reproduction in the United States and Great Britain [Review]. *British Medical Journal* 2004; **328**: 1022.
29. Derbyshire SWG. Last Chapters: Stories about living with dying [Website Review]. *American Pain Society Bulletin* 2004; **14(2)**: 5.
30. Derbyshire SWG. Hippocratic Oaths: Medicine and its Discontents [Review]. *British Medical Journal* 2004; **329**: 982.
31. Derbyshire SWG. The Center for Shingles and Postherpetic Neuralgia [Website Review]. *American Pain Society Bulletin*. 2004; **14(5)**: 8.
32. Derbyshire SWG. The fetal pain controversy. *Conscience* 2004; **Winter**: 32-35.
33. Derbyshire SWG. Priceless: On Knowing the Price of Everything and the Value of Nothing [Review]. *British Medical Journal* 2005; **330**: 1091.
34. Derbyshire SWG. The Theory and Practice of Visuospatial Behavior. [Review of the book *The Cambridge Handbook of Visuospatial Thinking*] *PsycCRITIQUES - Contemporary Psychology: APA Review of Books* 2006; 51(30): Article 25. Retrieved August 12, 2006, from the *PsycCRITIQUES* database.

35. Derbyshire SWG. Climate change and health [Letter]. *The Lancet* 2006; 367: 1976.
36. Derbyshire SWG. A Reactive Social Science Is Not Possible, So Can Social Neuroscience Succeed? [Review of the book *Social Neuroscience: People Thinking About Thinking People*]. *PsycCRITIQUES - Contemporary Psychology: APA Review of Books* 2006; 51(37): Article 5. Retrieved September 15, 2006, from the *PsycCRITIQUES* database.
37. Derbyshire SWG, Whalley MG. Trautmann's neck injury was painful after all [Letter]. *Pain* 2006; 124: 234.
38. Derbyshire SWG. The Return of Introspection. [Review of the book *Exploring Inner Experience*]. *PsycCRITIQUES - Contemporary Psychology: APA Review of Books* 2006; 51(50): Article 12. Retrieved December 18, 2006, from the *PsycCRITIQUES* database.
39. Derbyshire SWG. The Trouble with Medical Journals [Review]. *British Medical Journal* 2007; **334**: 45.
40. Derbyshire SWG. Does the Body Hold a Key to the Cartesian Prison? [Review of the book *Human Body Perception From The Inside Out*]. *PsycCRITIQUES - Contemporary Psychology: APA Review of Books* 2007; 52(16): Article 8. Retrieved July 13, 2007, from the *PsycCRITIQUES* database.
41. Derbyshire SWG. Blaming the Brain. [Review of the book *Making up the Mind: How the Brain Creates our Mental World.*]. *PsycCRITIQUES - Contemporary Psychology: APA Review of Books* 2007; 52(47): Article 3. Retrieved November 15, 2007, from the *PsycCRITIQUES* database.
42. Derbyshire SWG. The US Partial Birth Abortion Ban Act: a blow for women's autonomy and clinical judgement. *Abortion Review* 2007;**22**:6-7.
43. Derbyshire SWG, Bagshaw AP. Combined EEG-functional magnetic resonance imaging measurements. *Hospital Imaging & Radiology Europe* 2007;**2**:20-21.
44. Derbyshire SWG. The Tyranny of Public Health. [Review of the book *Marketing Public Health: Strategies to Promote Social Change.*]. *PsycCRITIQUES - Contemporary Psychology: APA Review of Books* 2008; 53(12): Article 3. Retrieved March 19, 2008, from the *PsycCRITIQUES* database.
45. Derbyshire SWG. Intuition and Knowledge in Decision Making. [Review of the book *Intuition in Judgement and Decision Making.*]. *PsycCRITIQUES - Contemporary Psychology: APA Review of Books* 2008; 53(23): Article 1. Retrieved June 13, 2008, from the *PsycCRITIQUES* database.
46. Derbyshire SWG. Fetal Pain and the Politicisation of Science. *Abortion Review* 2008;**25**:3-4.
47. Derbyshire SWG. EU Regulation Threatens the Future of MRI. *Hospital Imaging & Radiology Europe* 2008; in press.
48. Derbyshire SWG. Why can't you just go to sleep? [Review of the book *Insomniac*]. *PsycCRITIQUES - Contemporary Psychology: APA Review of Books* 2008; in press.
49. Derbyshire SWG. Looking for the neural signature of fibromyalgia. *European Musculoskeletal Science & Disease Review. Hospital Decisions Special Edition* 2008;19-21.

HONORS

- 09/2003 EFIC 2003 - 4th Congress of the European Federation of the International Association for the Study of Pain - Awarded best poster presentation.
- 06/1999 Brain 99 - XIXth International Symposium on Cerebral Blood Flow and Metabolism - Copenhagen Denmark Attendance funded by a bursary from the International Society of Cerebral Blood Flow

- 06/1997 Brain 97 - XVIIIth International Symposium on Cerebral Blood Flow and Metabolism - Baltimore USA Attendance funded by a bursary from the International Society of Cerebral Blood Flow
- 08/1996 International Association for the Study of Pain IASP - 8th World Congress - Vancouver Canada Attendance funded by a bursary from the British Royal Society
- 04/1996 The British Pain Society - 29th Annual Scientific Meeting - Llandudno UK - Awarded best short paper presentation
- 08/1993 IASP - 7th World Congress - Paris France Attendance funded by a bursary from the IASP
- 05/1993 BRAIN '93 - XVIth International Symposium on Cerebral Blood Flow and Metabolism - Sendai Japan Attendance funded by a grant from the Medical Research Council

TEACHING

- 09/2007 - present Learning and abnormal behaviour. First year undergraduate module, 6 hours, 160 students. Lectures on classical conditioning and applications of learning theory.
- 09/2005 - present The neuropsychology of pain. Third year undergraduate module, 20 hours. Lectures on the psychology, philosophy, physiology and neurology of pain.
- 09/2005 - present Year 1, 2 and 3 seminar leader, 24 students.
- 01/2001 - 05/2005 Basic methods of fMRI, protocol design and implementation. Aimed at undergraduate through to junior faculty this course ran for 12 hours and enabled students to become competent in the techniques of fMRI as well as develop an understanding of the physics and psychology of brain imaging.
- 01/2001 - 05/2005 SPM Buttons and Beyond, University of Pittsburgh, Dept. Radiology. This course ran for 12 hours and was a direct complement to the fMRI course described above. Aimed at undergraduates through to senior faculty it enabled students to become proficient in the analysis of imaging data and presentation of results for conference and publication. Both these courses were supported by seminars provided on an as-needed basis.
- 05/2002 - 05/2005 The ethics of animal research. Pittsburgh CNBC Brain Bag Seminar. Annual lecture, 2 hours, 15 graduate students.
- 01/2002 - 06/2004 Autonomic Brain Club. I coordinated and ran the journal club attended by 6 students and faculty.
- 08/1998 - 08/2000 Brain Imaging teaching assistant. UCLA Ahmanson-Lovelace Brain Mapping Center. Helped coordinate journal club and taught SPM to various graduate students.
- 08/1991 - 07/1994 Teaching Assistant, University College London, Dept. Psychology. 100 hours per year, 50 undergraduate students
- 08/2004 Functional imaging of a painful hallucination. Pittsburgh Radiology Fellows Lecture. 1 hour, 50 medical students and residents
- 03/2003 Picturing the Brain in Pain - Topics in Psychology Lecture, University of Pittsburgh. 2 hours, 70 undergraduate students.
- 01/2003 Computational Imaging Seminar Series - SPM. 2 Lectures, 4 hours, 25 graduate and post-doc students. Carnegie Mellon University, Psychology Department.

11/2001 Pain and acupuncture. University of Pittsburgh Department of Anesthesia and Post-Operative Pain Service, Pain Seminar. 2 hours, 35 nursing students.

Direct Student Supervision

09/2007 - Nicola Dennis, Ph.D Student
present

09/2006 - Jody Osborn, Ph.D student
present

08/2007 - Greg Hollins, MSc student. Study of the rubber arm illusion using
01/2008 motor mimicry.

08/2004 - Natalia Morone, KO1 award to investigate central mediators of
05/2008 meditation and the influence on pain experience.
Role: Mentor

05/2004 - Peter Gianaros, KO1 award to investigate the brain regions that are
05/2008 involved in cardiovascular reactivity to stress
Role: Mentor

01/2007 - Nicola Dennis, MSc student. Study of somatic reactions to health
08/2007 campaigns.

01/2007 - Roxanna Lord, MedMSc student. Study of offset analgesia using fMRI.
08/2007

08/2005 - Jody Osborn and Simon Kirwilliam, MSc students. Provided support in
08/2006 the use of the CHEPS thermal stimulation system and training in
psychophysical testing procedures.

06/2003 - Matthew Steinfeld, graduate student for Dr. Igor Galynker, Beth
08/2006 Israel Medical Center, New York. Provided training in the use of the
Medoc stimulator, psychophysical testing procedures and SPM analysis.

01/2002 - Enid Gertmenian-King, graduate student for Dr. Igor Galynker, Beth
06/2003 Israel Medical Center, New York. Provided training in the use of the
Medoc stimulator, psychophysical testing procedures and SPM analysis.

06/2002 - Mathew Whalley, visiting graduate student from University College
10/2004 London.
Role: Advisor
Thesis entitled "The Psychology and Neuroanatomy of Pain" submitted
October, 2004.

03/2002 - Gail Berger, mature student from Syracuse University working with Dr.
Brent Vogt. Provided complete training in the use of SPM.

01/1999 - Arthur Camplone, graduate student. Provided training in the use of the
08/2000 barostat, psychophysical testing procedures and SPM analysis.

ADMINISTRATION

08/2005 - University of Birmingham, School of Psychology seminar series
present organizer.

01/1996 - Budgetary and resource organization for multiple grant applications to
05/2005 the National Institutes of Health and various foundations.
Communication with the grant awarding body including progress reports;
monitoring subject recruitment and coordinating shared recruitment
efforts including advertising; ensuring good progress and smooth
interpretation of all projects; coordinating of visits and
consultations by external consultants and advisors; ensuring scientific
consensus for changes made to the work of the various projects in the
light of unanticipated problems or new scientific knowledge during the
course of grant performance; and providing written enduring materials
documenting all such shared scientific decisions and progress.

06/1995 - Organized all aspects of Institutional Review Board (IRB) or ethics
05/2005 applications including submission of cover sheets, protocols, annual
review sheets and responding to Committee comments. Ten projects
completed and four ongoing to date.

01/2001 - Student assessment submissions for those enrolled in the courses above
05/2005 and those under direct supervision.

RESEARCH

1. Funded Grants:

M2003-0051

Central generators of functional pain revealed through brain imaging.

50% Effort. Role: PI

2003-2005

The Pittsburgh Foundation and John F. and Nancy A. Emmerling Fund for Research in
Mental Disorders

Direct Costs: \$125,152

PUH00-10301

Central mechanisms of hypnotic analgesia

50% Effort. Role: PI

2003-2005

Competitive Medical Research Fund

Direct Costs: \$25,000

Functional magnetic resonance imaging of pain processing in opiate dependence

Role: Consultant (collaboration with Dr. Igor Galynker, Beth Israel, New York)

2003-2005

The Singer-Hellman Foundation

Direct Costs: \$39,000

RO3 AG025120-01

Geriatric Incontinence: The Brain-Bladder Connection

5% Effort. Role: CoI

2004-2008

National Institutes of Health

Direct Costs: \$100,000

JO531

Brain mechanisms of pain perception in musculoskeletal disorders and their
modulation by pharmacological intervention

Role: Consultant (collaboration with Dr. Anthony Jones, University of Manchester)

2000-2005

Arthritis and Rheumatism Council Programme Grant

Direct Costs: £825,000

UPP05-862501-50540-999890

Function-specific brain networks in pain processing

100% Effort. Role: PI

2002-2003

University of Pittsburgh Department of Anesthesiology Seed Grant.

Direct Costs: \$8000

R00429134074

Neuropsychological Measures of Pain Processing in Pain Patients and Pain Free
Volunteers: A Study Using Positron Emission Tomography

100% Effort. Role: Ph.D. Studentship

1991-1994

Economic and Social Research Council (ESRC) Studentship.

Direct Costs: £30,000

2. Submitted Grants:

Is descending analgesia dysfunctional in fibromyalgia and nonspecific low back
pain?

15% Effort. Role: PI

2009-2011

Medical Research Council

FEC: £196,562

3. Seminars, invited lectureships and presentations related to your research

What goes up doesn't always come down: The problem of chronic pain. GlaxoSmithKline, DuCane Road, London, July 9, 2008.

Psychophysiological mechanisms of pain. RCA Regional Current topics Meeting, Novotel Birmingham, June 4-6, 2008.

How does the brain switch pain on and off? SSNP Midlands, West Park Hospital, Wolverhampton, June 2, 2008.

Gray matter volume in medial frontal and supplementary motor regions increases with hypnotisability. Derbyshire SWG (speaker), Gianaros PJ, Whalley MG, Oakley DA. Presented at the British Society of Medical and Dental Hypnosis Conference. Hilton Stansted, May, 2008.

Hypnosis: Theory and Therapy symposium. Naish, P (organizer), Derbyshire SWG (speaker), Kirsch I (speaker), Gruzelier J (speaker), Liossi C (speaker). The British Psychological Society Annual Conference, Royal Dublin Society, April 2-4, 2008.

Does pain from any other source still feel the same? University of Swansea, School of Medicine, February 7, 2008.

CAM: Junk science or genuine alternative? *Battle of Ideas*, Royal College of Art, London, October 27-28, 2007.

Social cognitive neuroscience symposium. Derbyshire SWG (organizer), Guinote A (speaker), Humphreys G (speaker), Knoblich G (speaker), Sebanz N (speaker), Van Vugt M (speaker). The British Psychological Society Social Psychology Section, University of Kent, September 5-7, 2007.

Being hypnotisable increases pain experience during distraction but the label "hypnosis" reduces pain experience. Derbyshire SWG (speaker), Hylands-White N, Jevons CJ, Stevenson E. Presented at the British Society of Medical and Dental Hypnosis Conference. Novotel York, May 10-13, 2007.

Fetal pain: The evidence. International Conference on Second Trimester Abortion. The Institute of Physics, London, UK, March 29-31, 2007.

Functional imaging of physically and psychologically induced pain in controls and functional pain patients. GlaxoSmithKline, DuCane Road, London, February 7, 2007.

Does pain from any source still feel the same? University of Edinburgh, School of Psychology and Department of Neuroscience, January 25, 2007.

Does pain from any source still feel the same? University of Manchester, School of Psychology, December 14, 2006.

Policy Exchange Book Launch: *Science vs. Superstition: the case for a new scientific Enlightenment*. Policy Exchange 'Ideas Forum', Clutha House, London, December 6, 2006. James Panton (chair); Raymond Tallis (speaker); Charles Hendry (speaker); Matt Ridley (speaker); Stuart Derbyshire (speaker).

Human enhancement: Creating superhumans or dicing with destiny? *Battle of Ideas*, Royal College of Art, London, October 28-29, 2006.

What inspired you? Society of Chemical Industry, London, October 10, 2006.

Somatic and visceral processing with functional imaging. 26th European Conference on Psychosomatic Research, Croatia, September 27-30, 2006. Paul Enck (Moderator); Qasim Aziz (Speaker); Stuart Derbyshire (Speaker); H Mönnikes (Speaker); A Kowalski (Speaker).

Is fetal pain a misnomer? *European Society for Philosophy and Psychology Annual Meeting*, Queen's University, Belfast, August 24-27, 2006.

The brain makes hallucinated pain feel real. *Representation intracerebrale de la douleur*, Caen, France, March 17, 2006.

Brain mechanisms of pain from a psychosomatic perspective. *American Psychosomatic Society 64th Annual Meeting*, Denver, March 1-4, 2006. Francis Keefe (Moderator); Fabrizio Benedetti (Speaker); Stuart Derbyshire (Speaker); Jon-Kar Zubieta (Speaker).

The brain in pain: Why does the ghost of Descartes still haunt us? Plenary presentation. *American Psychosomatic Society 64th Annual Meeting*, Denver, March 1-4, 2006.

Ethics on trial. *Battle of Ideas*, Royal College of Art, London, October 29-30, 2005.

Sex, gender and human pain. *IASP Meeting*, August 21-25, 2005, Sydney, Australia. Linda LeResche (Moderator); Anita Holdcroft (Speaker); Stuart Derbyshire (Speaker).

Imaging of cortical and pain control systems. *Official IASP Satellite meeting - Visceral Pain*, Adelaide, Australia, August 17-19, 2005.

If it ain't broke how do we fix it? The challenge of functional pain. University of Wales, Bangor, Psychology Department. October 29, 2004.

If it ain't broke how do we fix it? The challenge of functional pain. Institute for Science and Technology in Medicine, Keele University Medical School, UK. October 25, 2004.

Imaging the brain in pain. *The Portuguese Pain Society Annual Meeting*. October 14-16, 2004, Lisbon, Portugal.

Imaging the brain: prospects and pitfalls. Janssen Pharmaceutica Inc. July 16, 2004.

Neurogenetics: Buzzword, New Frontier, Both or Neither? *2nd Joint Scientific Meeting of the American Pain Society and the Canadian Pain Society*, May 6-9, 2004, Vancouver, B.C. SWG Derbyshire (Moderator); Jeffrey Mogil (Speaker); Jon-Kar Zubieta (Speaker).

Fish Pain is a Misnomer. University of Glasgow Department of Neurology, Institute of Neurological Sciences, Scotland. April 16-17, 2004.

Pain in the Brain and Lower Parts of the Anatomy. Royal Holloway and New Bedford College, London. Department of Psychology, April 6, 2004.

Visceral afferent pathways. *The Second Asian-Pacific Postgraduate Course on Gastrointestinal Motility (APPGM)*, November 22-24, 2003, Seoul, Korea.

Functional brain imaging. *The Second Asian-Pacific Postgraduate Course on Gastrointestinal Motility (APPGM)*, November 22-24, 2003, Seoul, Korea.

Picturing the brain in pain. *Anesthesiology Grand Rounds*. March 12, 2003, University of Pittsburgh Medical Center

Imaging pain: The inside story or just a pretty picture? *University of Bath Pain Forum*, February 5, 2003, Royal National Hospital for Rheumatic Diseases, Bath, UK.

The biological basis of risky decision making. October 3, 2002, Trauma Research Institute, W. Virginia.

Dissecting the brain in pain. *Psychiatry Grand Rounds*, September 26, 2002, Beth Israel Medical Center, New York.

Debating matters: Animal experimentation. *Edinburgh International Book Festival*, August 19, 2002, Edinburgh, UK.

Human Brain Mechanisms of Pain: Distributed Networks, Cognitive Modulation, and Individual Differences. *American Pain Society's 21st Annual Scientific Meeting*, March 14-17, 2002, Baltimore, Maryland. SWG Derbyshire (Speaker); Alex Ploghaus (Speaker); Robert C. Coghill (Moderator).

Aids in Africa. *TRASNA Society of Trinity College, World Aids Day Conference*. November 29-30, 2001, Dublin, Ireland.

Imaging the anatomy of pain. *North West Pain Research Group and Hope Hospital Neuroscience Forum* June 7 2001 University of Manchester UK

Visceral afferent pathways. *Fourth International Symposium on Functional Gastrointestinal Disorders* March 30 - April 2 2001 The Pfister Hotel Milwaukee Wisconsin

Gender differences in response to pain. Symposium in honor of Professor Malcolm Harris Eastman Dental Hospital London UK 18th - 21st September 2000
Mechanisms underlying chronic pain. Novartis Foundation/ Lindbury Trust Discussion Meeting: *The Biological Basis of Chronic Fatigue Disorders* London UK 7-8th November 1999

Functional imaging studies of back pain and opiate analgesia. Symposium in honor of Professor Malcolm Jayson: *Back Pain - Will the Next Millenium be Better?* Oxford Lodge Manchester UK 22nd October 1999

The central correlates of visceral pain and anticipation in controls versus patients suffering irritable bowel syndrome. *IBS CURE GI Clinical and Outcomes Research Meeting* Los Angeles October 1998

The problem of variation in assessing group differences using functional imaging techniques. The Institute of Psychiatry London UK 11th September 1998; The University of Manchester UK 14th September 1998; Glaxo Institute Cambridge UK 16th September 1998

Central representation of somatic and visceral pain. *Fourth International Symposium on Brain-Gut Interactions* July 12-15 1998 University of California San Diego Campus USA

How can we assess pain in animals? *The William Dick Centennial Animal Welfare Debate* The University of Edinburgh Veterinary School Scotland 23rd May 1998

The neuropsychology of pain. CURE Neuroenteric Biology Group UCLA USA 3rd November 1997

Exploring the bio-psycho-social model: Meaningless catchphrase or fundamental cornerstone? *British Pain Society Annual Scientific Meeting* Newcastle UK April 1997

Foetal pain Does it Exist? University of Oxford UK 29th February 1997

4. Other Research Related Activities

06/1998 - Referee for: *British Medical Journal, Neuroimage, NeuroReport, present American Journal of Physiology, Pain, European Journal of Pain, Journal of Pain, Journal of Psychosomatic Research, Anesthesiology, Cerebral Cortex, Gastroenterology, Nature Neuroscience, Psychological Bulletin and Science*

06/1999 - National Institutes of Health study section ad-hoc reviewer
06/2002 Integrative Functional and Cognitive Neuroscience (IFCN)

06/2002 - National Institutes of Health study section member. Chemosensory
05/2005 Systems.

5. List of Current Research Interests

The central, especially brain, mechanisms of pain and the abnormalities that occur in chronic pain disorders such as non-specific low back pain and fibromyalgia. The neural basis of psychological "yellow flags" and their contribution to chronic pain. Social triggers of pain and developmental questions relating to pain experience.

SERVICE

1. University and Medical School

02/2007 - University of Birmingham, Life and Science Ethical Review Committee
present member

- 08/2006 - University of Birmingham, School of Psychology Ethics Committee Chair present
- 08/2005 - University of Birmingham, School of Psychology Seminar Series Organiser present
- 08/2005 - University of Birmingham, School of Psychology ethics committee member
08/2006
- 03/2003 - University of Pittsburgh tumor resection board member - neuroscience
05/2005 section.

2. Community Activities

- 06/2008 - Member of the RCOG Working Party on Fetal Awareness present
- 10/2007 Contributed towards the Science and Technology Committee report on abortion law.
- 01/2005 Testified before the House of Commons Science and Technology Committee.
- 03/2004 Testified in opposition to House Bill 1315 before the Virginia State Senate.
- 03/1996 Gave evidence to the *Rawlinson Commission of Inquiry into Fetal Sentience*
- 03/2004 - Expert Consultant for Planned Parenthood Advocates of Virginia
08/2005
- 02/2004 - Expert Consultant for New York Civil Liberties Association (NYCLA)
08/2005
- 05/2004 Founding member of the American Pain Society Pain and Genetics Special Interest Group
- 08/2007 - *Hospital Imaging & Radiology Europe* Editorial Board Member present
- 03/2007 - *PsycCRITIQUES—Contemporary Psychology: APA Review of Books* Editorial Board Member present
- 01/2004 - Associate Editor (Pain Imaging Section), *Journal of Cancer Pain* present
- 01/2003 - American Pain Society Web Site Editorial Board
01/2007
- 07/1994 - Science correspondent for U.K. magazine *spiked-online* (formerly *LM*). present

Selected publications since 2002:

Who's afraid of xenotransplantation?

<http://www.spiked-online.com/index.php?/site/article/5784/>

Humans are more important than animals

<http://www.spiked-online.com/index.php?/site/article/5647/>

The World Wide Web is nothing like a brain

<http://www.spiked-online.com/index.php?/site/article/5423/>

How do we break free of the rules of biology?

http://www.spiked-online.com/index.php?/site/reviewofbooks_article/5390/

Jim Crow dressed up in multicultural drag

http://www.spiked-online.com/index.php?/site/reviewofbooks_article/5208/

Abortion: Get out the vote

<http://www.spiked-online.com/index.php?/site/article/5149/>

A catfight over consciousness

<http://www.spiked-online.com/index.php?/site/article/4990/>

What makes humans special?

http://www.spiked-online.com/index.php?/site/reviewofbooks_article/4704/

How powerful is the power of persuasion?

http://www.spiked-online.com/index.php?/site/reviewofbooks_article/4209/

A brainless analysis of American politics

http://www.spiked-online.com/index.php?/site/reviewofbooks_article/4131/

Sticking a needle in alternative medicine

<http://www.spiked-online.com/index.php?/site/article/4122/>

Abortion: What you didn't need to see

<http://www.spiked-online.com/index.php?/site/article/3993/>

Let's make the world storm-proof

http://www.spiked-online.com/index.php?/site/reviewofbooks_article/3856/

We're no slaves to our senses

http://www.spiked-online.com/index.php?/site/reviewofbooks_article/3760/

Of spiders and men

http://www.spiked-online.com/index.php?/site/reviewofbooks_article/3519/

Mother Teresa and the 'me, me, me' culture

<http://www.spiked-online.com/index.php?/site/article/2851/>

Avian flu: this is not 1918

<http://www.spiked-online.com/Articles/0000000CB019.htm>

We need more drugs testing - on animals *and* humans

<http://www.spiked-online.com/Articles/0000000CAFFD.htm>

The hard arguments about vivisection

<http://www.spiked-online.com/Articles/0000000CAFA7.htm>

Bush isn't the only one who's anti-science

<http://www.spiked-online.com/Articles/0000000CAE94.htm>

Unethical committees

<http://www.spiked-online.com/Articles/0000000CAE43.htm>

Mobiles and health: No study can ever provide definitive negative proof

<http://www.spiked-online.com/Articles/0000000CAE3F.htm>

Vivisection: Put human welfare first

<http://www.spiked-online.co.uk/Articles/0000000CA552.htm>

Pain and prejudice

<http://www.spiked-online.co.uk/Articles/0000000CA50E.htm>

An epidemic of dishonesty

<http://www.spiked-online.co.uk/articles/0000000CA447.htm>

Primate research: a moral good

<http://www.spiked-online.co.uk/Articles/00000006DE75.htm>

Fishing for theories.

<http://www.spiked-online.co.uk/Articles/00000006DD91.htm>

Reprinted in Novo Magazine Nov/Dec 2003.

Viral scares.

<http://www.spiked-online.co.uk/Articles/00000006DD26.htm>

Reprinted in Novo May/Aug 2003

3. Other media

- Oct 2008 Quoted in *New Scientist*
- July 2008 Interviewed for *BBC News 24*
- July 2008 Derbyshire SWG. It's not always my brain that makes me mad. *HIRE*.
<http://www.hospitalradiologyeurope.com/default.asp?title=It%92snotalway+smybrainthatmakesmemad&page=article.display&article.id=12405>
- June 2008 Derbyshire SWG. Incidentally you have a tumour... *HIRE*.
<http://www.hospitalradiologyeurope.com/default.asp?page=article.display&article.id=11425>
- May 2008 Interviewed for *BBC News 24*
- April 2008 Interviewed for *City Talk 105.9*
- March 2008 Quoted in the *Financial Times*
- Feb 2008 Interviewed and featured on *London Talking, ITV1* (Feb 12).
- Jan 2008 Interviewed on the *Today* show, *Radio 4*, about fetal pain (Jan 28).
- Oct 2007 Interviewed on *BBC Breakfast* following the STC report on abortion
Interviewed and featured on *Dispatches*, Channel 4.
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