#### CURRICULUM VITAE

Name: Christopher Donald Frith.

Date and Place of birth: 16th March, 1942, Cross-in-Hand, Sussex.

Nationality: British

Marital status: Married, two sons.

Address: Flat 2, Thornlea, Mount Park Avenue,

Harrow on the Hill, HA1 3JW.

tel: 0208 423 1735

Post: Emeritus Professor of Neuropsychology

The Wellcome Centre for Neuroimaging at UCL Institute of Neurology, University College London 12 Queen Square, London WC1N 3BG, UK

tel: 0207 833 7457 fax: 0207 813 1420

email: cfrith@fil.ion.ucl.ac.uk

Niels Bohr Visiting Professor, University of Aarhus

Interacting Minds Bygn. 10G, 5<sup>th</sup> floor Århus Sygehus Nørrebrogade 44

DK – 8000 Århus C, Denmark

Education:

Christ's College, Cambridge. 1960-1963

BA second class honours, Natural Science Tripos (Mathematics, Advanced Mathematics, Physics, Psychology, Crystallography) converted to MA.

London University. 1964-1969.

Diploma in Abnormal Psychology, 1965.

Ph.D. in Psychology (H J Eysenck), 1969. Individual differences

in motor skill performance.

#### Biosketch

Chris Frith is Emeritus Professor of Neuropsychology at the Wellcome Centre for Neuroimaging at University College London (UCL) and Niels Bohr Visiting Professor in the Interacting Minds project at the University of Aarhus in Denmark. Since completing his PhD in 1969 he has been funded by the Medical Research Council and the Wellcome Trust to study the relationship between the mind and the brain. He is a pioneer in application of brain imaging to the study of mental processes. He has contributed more than 400 papers to scientific journals and is known especially for his work on agency, social cognition, and understanding the minds of people with mental disorders such as schizophrenia. For this work he was elected a Fellow of the Royal Society in 2000.

He was a visiting fellow at All Souls College, Oxford in 2006 and has been awarded honorary degrees by the University of Salzburg and the University of York. He has published several books, including, most recently, (with Eve Johnstone) Schizophrenia: A Very Short Introduction (2003), and (edited with Daniel Wolpert) The Neuroscience of Social Interaction: Decoding, Imitating and Influencing the Actions of Others (2004). His latest book, Making up the Mind: How the Brain Creates our Mental World (Wiley-Blackwell 2007), was long-listed for the Royal Society Prize for Science Books, 2008 and received the 2008 Book Award from the British Psychological Society. In 2009 he was awarded the Strömgren medal for work on Schizophrenia, the European Latsis Prize (Jointly with U Frith) for woth on 'human mind, human brain' and the International Prize from the Fyssen Foundation for work on Neuropsychology.

Previous Appointments:		
1994-2007	Professor in Neuropsy	ychology and Deputy Director Functional Imaging Laboratory Institute of Neurology
1992 - 94	Special Appointment	Medical Research Council Cyclotron Unit Hammersmith Hospital
1989 - 92	Special Appointment	Medical Research Council Division of Psychiatry Clinical Research Centre
1980 - 89	Senior Scientist	Medical Research Council Division of Psychiatry Clinical Research Centre
1975 - 80	MRC Scientist	Medical Research Council Division of Psychiatry Clinical Research Centre
1970 - 75	Lecturer	Department of Psychology Institute of Psychiatry
1965 - 70	Research Worker	Department of Psychology Institute of Psychiatry
1963 - 65	Probationer Clinical Psychologist	South West Metropolitan Hospital Board Scheme.
Honorary Appointments		
2002	Guest Professor	Institut für Psycholgie, Universität Salzburg, Austria.
2002	Guest Professor	Centre for Functionally Integrative Neuroscience PET-Centre, Aarhus University, Denmark
1987 - 88	Honorary Lecturer	Psychology Department Birkbeck College University of London

#### **Learned Journals**

Past member of the editorial boards of:

British Journal of Psychiatry

British Journal of Clinical Psychology

Quarterly Journal of Experimental Psychology

Brain

European Journal of Psychophysiology

Journal of Cognitive Neuropsychiatry

Neuroimage

Science Magazine (1999-2009)

Current member of the editorial board of

Psychological Medicine Biology Letters

Ad Hoc refereeing for

Nature

Nature Neuroscience

Cognition

Neuron

Current Biology

and many other journals

# Membership of professional and scientific organisations:

Chartered Clinical Psychologist

**Experimental Psychology Society** 

Associate member of the British Psychological Society

**British Academy** 

British Neuropsychology Society

British Neuropsychiatry Association

Association for the Scientific Study of Consciousness

Society for Neuroscience

European Brain and Behaviour Society

Royal Society

Academy of Medical Sciences

American Association for the Advancement of Science

Association of Scientific Psychology

## Committee membership, past & present

Wellcome Trust Principal Fellows Interview Panel, 2007-

Scientific Advisory Board, Centre of Excellence on Systems Neuroscience and Neuroimaging, Helsinki University of Technology, 2007-

Royal Society Dorothy Hodgkin Committee, 2005-2007

Royal Society Small Grants committee, 2000-2003

Royal Society Soirée Committee, 2002-2004.

Research Committee of the Mental Health Foundation

MRC Alzheimer's Disease Clinical Trials Committee

MRC Schizophrenia and Allied Conditions Committee

Sub-committee for the assessment of the

MRC Brain metabolism Unit, Edinburgh, July, 1994.

Advisory Panel for the Identikit Exhibition, Science Museum

Committee of the Experimental Psychology Society,

Committee of the British Neuropsychological Society, amongst others.

#### **Grant Reviews**

ESRC, MRC, MRC(Canada), MRC (NZ), Leverhulme Trust, Nuffield Foundation, Wolfson Foundation, Wellcome Trust US Department of Health and Human Services, amongst others.

## **Scholarly presentations**

Invited speaker at many international meetings and workshops including European Neuroscience Association, Royal Danish Academy, CIBA/Novartis Foundation Symposia, World Congress on Biological Psychiatry, Royal Society Discussion Meetings.

Maudsley Bequest Lecturer, Royal College of Psychiatrists, January, 1987.

Maudsley Bequest Lecturer, Royal College of Psychiatrists, July, 1994.

Distinguished Scholar lecture to the Faculty of Science, Queen's University, Belfast, 7th February, 1996.

Third Eliot Slater Memorial Lecture, November 12th 1996, Institute of Neurology.

Donders Lecture, September 26th, 1997, University of Neijmegen

Opening Address, 2nd Annual Meeting of the Slovenian Psychology Society, October 22nd, 1997, Portoroz.

Opening Address, Meeting on 'Material Memories', April 16th, 1998, Victoria & Albert Museum.

Invited Speaker, 1828th Stated Meeting of the American Academy of Arts and Sciences, November 10th, 1999, Cambridge.

Invited speaker, Swartz Foundation Meeting, 'Can a machine be conscious?' 13-16 May, 2001 at The Banbury Center of Cold Spring Harbor Laboratory, 'The importance of other minds.'

Closing Plenary Lecture, Association for the Scientific Study of Consciousness, ASSC5, Duke University, May 30<sup>th</sup>, 2001, 'Attention to Action and Awareness of Other Minds.'

The Sixth Annual Brenda Milner Lecture in Cognitive Neuroscience 2003. Montreal Neurological Institute, April 28th, 2003. "The Social Brain: A Special Role for Medial Prefrontal Cortex?"

Keynote Lecture. Ninth Annual Meeting of the Organisation for Human Brain Mapping, June 2003. "Neural Hermeneutics: how brains interpret minds"

Invited Speaker. Symposium 'Disorders of Volition' Kloster Irsee, Germany December 2003 "Interpersonal factors in the disorders of volition associated with schizophrenia"

Invited Speaker. Workshop on 'The Brain And Its Self' Washington University in St. Louis, April 2004. "The self in action: lessons from delusions of control"

Invited Speaker. 'Nouvelles approaches en neurosciences et maladies du système nerveux central', Académie des sciences de l'Institute des France, May 2004. "The neural basis of hallucinations and delusions"

Faculty member, Dartmouth Neuroscience Summer School, July 2004.

Invited Speaker. Euroscience Open Forum meeting, Session 'Seeing our thought and plans' Stockholm, August 2004. "The feeling of being in control: the neural basis of our awareness of action"

Faculty member, Riken Brain Science Institute Summer School, July 2005

Invited Speaker, "Closing the loop in two-person interactions", University of Bielefeld, Embodied communication I, 5-8 October 2005

Co-organiser, Novartis Symposium 278 on Empathy and Fairness, 24-27 October 2005

Co-organiser, Royal Society Discussion meeting, Social Intelligence: from brain to culture, May 2006.

Chichele Lecture, "What is consciousness for?" Frontiers of Consciousness series. Oxford, July 2006

Participant, "Free will and top-down control in the brain", Templeton Foundation meeting on Top-Down Causation and Volition, Yosemite National Park, April 2007

Invited speaker, "The social brain and its failures" Scuola Normale Superiore di Pisa, May 24 2007

Invited speaker, "Cognitive analysis of delusions and hallucinations". Collège de France, Psychiatric Research: multiple disorders common models? June 2007.

Invited speaker, "Hallucinations and delusions: the price we pay for our creative brains" Japanese Neuropsychology Society, Neuropsychology of Developmental Disorders, Kanazawa, Japan, 27 September 2007,

Invited speaker, "How is communication possible? Neural Hermeneutics" Meeting on "Language in cognition, cognition in language". University of Aarhus, 11th, 12th and 13th of October 2007.

Invited speaker "Understanding the symptoms of schizophrenia" Meeting on "Interacting Minds and their Biological Basis; Pathological Perspectives". Aarhus Clinical meeting, Oneday Conference

Invited speaker "Closing the loop: How brains communicate" in workshop in "Pragmatics and Brain Science" University of Aarhus, 4th, 5th and 6th of December 2007

Invited Speaker, "What is special about social signals used in communication?" Workshop with Chris Frith & Uta Frith, Center for Intersubjectivity Research, University of Copenhagen. December 13, 2007.

Invited speaker "Are there different neural correlates for different aspects of consciousness?" in meeting "Conscious Creatures – Conscious States" University of Aarhus, 22nd of January 2008

Co-organiser, Workshop on "Spatial and Mental Perspective Taking", University of Aarhus, 26<sup>th</sup>-28<sup>th</sup> February, 2008. (Talk: "Re-orienting: The role of STS and TPJ in theory of mind tasks")

Keynote speaker, "Social cognition: The group versus the individual", Social and affective Neuroscience Meeting, Boston, June 6<sup>th</sup>, 2008.

Invited speaker, "Problems with the awareness and control of action", Physiology Society Meeting, Cambridge, 15<sup>th</sup> July, 2008.

Guest of Honour, Festschrift in Honour of Professor Chris Frith, FRS: "Mind in the Brain", Royal Society, 17-18<sup>th</sup> September, 2008.

Invited speaker, "Social Interactions: Why do we Cooperate?", Exciting Biologies 2008: Biology of Cognition, Chantilly, France, 16-18th October, 2008.

Invited speaker, "The value of brain imaging in the study of neurodevelopment and its disorders", Congress of the Italian Society of Psychopathology, Rome, February 12<sup>th</sup>, 2009

Invited speaker, "Neuroscience, Free will and Responsibility", James Martin Advanced Research Seminar, Oxford, Feb 18<sup>th</sup>, 2009

Invited Speaker, "Making up the Mind: how the brain creates our mental and physical worlds", Dana Centre, London, March 18<sup>th</sup>, 2009

Keynote Speaker, "What is Consciousness for?" Cambridge Neuroscience Seminar/Cambridge Science Festival, March 19<sup>th</sup>, 2009

British Psychological Society Book Award Talk, "Making up the Mind", Brighton, April 2<sup>nd</sup>, 2009.

Invited Speaker, "The role of facial expressions in social interactions", Computation of emotions in man and machines, Royal Society April 20th, 2009

Invited Speaker, "What can Studying the Brain tell us about the Mind?", Templeton-Cambridge Journalism Fellowships in Science & Religion, Cambridge, April 18<sup>th</sup>, 2009

Invited Speaker, "Neuroscience, Free will and Responsibility", Royal Society of Arts, April 23<sup>rd</sup>, 2009

Keynote Speaker, "Facial Expressions: From Emotion to Communication", Dahlem Institute for Neuroimaging of Emotion Berlin, May 21<sup>st</sup>, 2009

Invited Speaker, "The neural basis of empathy and altruism", *Sympathies and Antipathies*, CRASSH, Cambridge, May 29<sup>th</sup>, 2009

Invited Speaker, "A Bayesian approach to hallucinations and delusions", Frontiers in Cellular and Molecular Psychiatry, CSC workshop, London, June 2<sup>nd</sup>, 2009

Invited Speaker, "What can Studying the Brain tell us about the Mind?", Seminar - MIND 11 – ICI, Berlin, 12<sup>th</sup> June, 2009

Invited Speaker, "Neuroscience, Free will and Responsibility", Leipzig encounters in Cognition and Action, 2nd Symposium: Conscious Awareness in Volition and Action, 26<sup>th</sup> June, 2009

Invited Speaker, "What is consciousness for?", Big Issues at Burgh House, Hampstead, July 30<sup>th</sup>, 2009

Keynote Speaker, "Our Social Brain: The Future of Social Cognition", Wellcome Trust School on Biology of Social Cognition, WTCC, Hinxton, 15<sup>th</sup> August, 2009

Invited Speaker, "The Social Brain", Edinburgh Cognitive Neuroimaging Seminars, September 8<sup>th</sup>, 2009

Invited Speaker (jointly with U Frith). "The Social Brain and its Failures", 41st EBBS meeting, Rhodes, September 15<sup>th</sup>, 2009

Invited Speaker, "Neuroscience, Free Will & Responsibility", Exploring Science & Society Seminar, UCL, November 26<sup>th</sup>, 2009

Organiser, Workshop on Reputation Management, University of Aarhus, December 2<sup>nd</sup>, 2009

Invited Speaker, "Free Will, Responsibility & Consciousness", The Continuity of Evolution and the Special Character of Humans, Jena, December 9<sup>th</sup>, 2009

Strömgren Prize lecturer, "Understanding false Perceptions & false Beliefs a Bayesian Approach", Strömgren Symposium, Århus Sygehus, January 14<sup>th</sup>, 2010

Invited Speaker, "What is consciousness for?" Donders Institute, Nijmegen, February 17<sup>th</sup>, 2010

Invited participant, RSA/QCDA Seminar, "the social brain and the curriculum", February 26<sup>th</sup>, 2010

Faculty Lecture, "The social brain", Faculty of Science and Technology, Lancaster University, March 10<sup>th</sup>, 2010

Invited Speaker, "What is consciousness for?", Collège de France, Paris, March 26<sup>th</sup>, 2010

Invited speaker, The Neuroscience of Change – Understanding the Brain, Influencing Behaviour, Skoll World Forum on Social Entrepreneurship, Oxford, April 15<sup>th</sup>, 2010.

Invited speaker, "The neuroscience of human social cognition", The enlightened brain: the evolution and development of human social cognition, Nobel Forum, Karolinska Institutet, Stockholm, Sweden, June 7<sup>th</sup>, 2010.

#### Grants

ALLIANCE: Joint research projects with France 1992, £1,000

MRC Project grant (held at UCL Psychology, 1992-95) £87,000

Wellcome Trust Project grant (held at UCL Psychology, 1996-99) £113,375

Wellcome Principal Research Fellowship (1996-2005) £686,650

Wellcome Trust Programme Grant (1999-2004) £408,565 (The neural basis of consciousness and its disorders)

Wellcome Trust Grant for Core Costs (1999-2004) £1,406,516.80

Wellcome Prize Studentship for Mr Johannes Schultz (2000-2003) £53,985

James S McDonnell Foundation 'Mechanisms of forward thinking and behaviour' (subrecipient, 2000-2003) \$138,000

MRC Programme Grant G9617036 (jointly with Uta Frith) (2003-2006) £498,000 (Autism and social cognition)

Wellcome Principal Research Fellowship Renewal and Programme Grant (2004-2007) £444,064 (Mechanisms of social interaction)

Danish National Research Foundation Niels Bohr Visiting Professorship at the University of Aarhus, Interacting minds: a biological basis. (2007-2011) DKK 15,047,095.

## **Awards and Fellowships**

1996 British Psychological Society Book Award (for The Cognitive Neuropsychology of Schizophrenia)

1999 Kenneth Craik Award (St John's College, Cambridge)

1999 Elected a Fellow of the Academy of Medical Sciences

1999 Elected a Member of the Academia Europaea

1999 Elected a Guarantor of Brain

2000 Elected a Fellow of the Royal Society

2000 President of the Psychology Section of the British Association for the Advancement of Science

2001 President of the Association for the Scientific Study of Consciousness

2001 Elected Fellow of the American Association for the Advancement of Science

2003 Conferment of an Honorary Doctorate, Paris-Lodron University, Salzburg

### 2003 IgNobel Prize for MEDICINE

Eleanor Maguire, David Gadian, Ingrid Johnsrude, Catriona Good, John Ashburner, Richard Frackowiak, and Christopher Frith of University College London, for presenting evidence that the brains of London taxi drivers are more highly developed than those of their fellow citizens. Published in: "Navigation-Related Structural Change In the Hippocampi of Taxi Drivers," PNAS 2000, 97, 4398-403.

2004 Conferment of an Honorary Doctorate (Jointly with Uta Frith), University of York.

2004 Robert Sommer Award (Jointly with Uta Frith), Justus Liebig University, Giessen.

2004 Henry Guze Award (Jointly with S-J Blakemore & D A Oakley) for best research paper (Delusions of Alien Control in the Normal Brain, Neuropsychologia, 41, 1058-67), The Society for Clinical and Experimental Hypnosis.

2005 Burghölzli Award (Jointly with Uta Frith), Zürich.

2006 Trinity Term, Visiting Fellow, All Souls College, Oxford.

2008 Elected a fellow of the British Academy.

2008 Award for Outstanding Contribution to British Neuroscience, British Neuroscience Association

2008 British Psychological Society Book Aware for "Making up the Mind"

2009 European Latsis Prize "The Human Brain - The Human Mind" (jointly with U Frith)

2009 Fondation Fyssen Prize, "Neuropsychology".

2010 Elected an Honorary Fellow of the British Science Association.

#### **PUBLICATIONS**

#### **Books**

Eysenck, H.J. and Frith, C.D. (1977) Reminiscence, Motivation and Personality: A Case Study in Experimental Psychology. New York, Plenum Press.

Frith, C.D. (1992) The Cognitive Neuropsychology of Schizophrenia. Lawrence Erlbaum Associates, Hove. (BPS book award, 1996) (translations: Spanish, Japanese, French, Italian)

Frackowiak, R.S.J., Friston, K.J., Frith, C.D., Dolan, R.J. & Mazziotta, J.C. (Eds.) (1997) Human Brain Function. San Diego, Academic Press.

Frith, C.D. & Johnstone, E.C. (2003) Schizophrenia: A Very Short Introduction. Oxford University Press.

Frackowiak, R.S.J., Friston, K.J., Frith, C.D., Dolan, R.J., Price, C.J., Zeki, S., Ashburner, J. & Penny, W. (Eds.) (2004) Human Brain Function (2nd Edition), San Diego, Elsevier Science.

Frith, C.D. & Wolpert, D.M. (Eds.) (2004) The Neuroscience of Social Interaction: Decoding, imitating and influencing the actions of others. Oxford University Press.

Frith, C.D. (2007) Making up the mind: how the brain creates our mental world. Oxford, Wiley-Blackwell. (BPS book award, 2008: Long-list, Royal Society Science Book Prize, 2008)

(Translations: Spanish, French, Korean, Italian, Japanese, Hebrew, German, Polish)

Emery, N., Clayton, N. & Frith, C.D. (2007) Social Intelligence: From brain to culture. Oxford University Press.

Renfrew, C., Frith, C.D. & Malafouris, L. (2009) The Sapient Mind: Archaeology meets neuroscience. Oxford University Press.

# Papers in peer-reviewed journals

## 1967 (4)

Frith, C.D. (1967) The effects of nicotine on tapping: 1. Life Sciences, 6, 1541-1548.

Frith, C.D. (1967) The effects of nicotine on tapping: 2. Life Sciences, 6, 321-326.

Frith, C.D. (1967) The effects of nicotine on tapping: 3. Life Sciences, 6, 313-319.

Frith, C.D. (1967) The interaction of noise and personality with critical flicker fusion performance. British Journal of Psychology, 58, 127-131.

#### 1968 (3)

Frith, C.D. (1968) Strategies in pursuit tracking and their relation to inhibition and personality. Life Sciences, 7, 65-76.

Frith, C.D. (1968) The effects of nicotine on the consolidation of pursuit rotor performance. Life Sciences, 7, 77-84.

Frith, C.D. (1968) Personality, nicotine and the salivary response. Life Sciences, 7, 1151-1156.

## 1971 (3)

Frith, C.D. (1971) The effects of varying the nicotine content of cigarettes on human smoking behaviour. Psychopharmacologia, 19, 188-192.

Frith, C.D. (1971) Smoking behaviour and its relation to the smokers immediate experience. British Journal of Social and Clinical Psychology, 10, 73-78.

Frith, C.D. (1971) Strategies in rotary pursuit tracking. British Journal of Psychology, 62, 187-197.

#### 1972 (2)

Frith, C.D. and Frith, U. (1972) The solitaire illusion: An illusion of numerosity. Perception and Psychophysics, 11, 409-410.

Frith, C.D. and Lillie, F.J. (1972) Why does the repertory grid test indicate thought disorder? British Journal of Social and Clinical Psychology, 11, 73-78,

### 1973 (1)

Frith, C.D. (1973) Learning rhythmic hand movements. Quarterly Journal of Experimental Psychology, 25, 253-259.

### 1974 (2)

Frith, U. and Frith, C.D. (1974) Specific motor disabilities in Down's syndrome. Journal of Child Psychology and Psychiatry, 15, 293-307.

Frith, C.D. and Nias, D.K.B. (1974) What determines aesthetic preferences? Journal of General Psychology, 91, 167-175.

### 1976 (5)

Bourne, R.C., Frith, C.D., Owen, F. and Riley, G.J. (1976) The effects of subcutaneous injections of adrenaline on platelet MAO activity. British Journal of Pharmacology, 58, 291-292.

Frith, C.D. (1976) The detection of structure in visual displays. Acta Psychologica, 40, 115-123.

Frith, C.D., Baker, H.F., Deakin, J.F.W., Johnstone, E.C. and Joseph, M.H. (1976) Brain noradrenaline metabolism and psychological variables in chronic schizophrenia. Neuroscience Letters, 3, 96.

Frith, C.D., Johnstone, E.C., Joseph, M.H., Powell, R.J. and Watts, R.W.E. (1976) Double blind clinical trial of 5-hydroxytryptophan in a case of Lesch-Nyhan syndrome. Journal of Neurology, Neurosurgery and Psychiatry, 39, 656-662.

Johnstone, E.C., Crow, T.J., Frith, C.D., Husband, J. & Kreel, L. (1976) Cerebral ventricle size and cognitive impairment in chronic schizophrenia. Lancet 307, 924-926.

#### 1977 (2)

Frith, C.D. (1977) Two kinds of cognitive deficit associated with chronic schizophrenia. Psychological Medicine, 7, 171-173.

Owen, F., Acker, W., Bourne, R.C., Frith, C.D. and Riley, G.J. (1977) The effects on human monoamine oxidase activity of subcutaneous injections of adrenaline. Biochemical Pharmacology, 26, 2065-2067.

#### 1978 (6)

Connolly, J.F. and Frith, C.D. (1978) Effects of varying stimulus content on habituation and sensitization of the OR. Physiology and Behaviour, 21,

511-514.

Connolly, J.F. and Frith, C.D. (1978) Effects of stimulus variability on the amplitude and habituation of the electrodermal orienting response. Psychophysiology, 15, 550-555.

Frith, C.D. and Frith, U. (1978) Feature selection and classification: A developmental study. Journal of Experimental Child Psychology, 25, 413-428.

Hedge, B.J., Everitt, B.S. and Frith, C.D. (1978) The role of gaze in dialogue. Acta Psychologica, 42, 453-475.

Johnstone, E.C., Crow, T.J., Frith, C.D., Carney, M.W.P. and Price, J.S. (1978) Mechanism of the antipsychotic effect in the treatment of acute schizophrenia. Lancet, 311 (8069), 848-851.

Johnstone, E.C., Crow, T.J., Frith, C.D., Stevens, M., Kreel, L. and Husband, J. (1978) The dementia of dementia praecox. Acta Psychiatrica Scandinavica, 57, 305-324.

## 1979 (6)

Deakin, J.F.W., Baker, H.F., Frith, C.D., Joseph, M.H. and Johnstone, E.C. (1979) Arousal related to excretion of noradrenaline metabolites and clinical aspects of unmedicated chronic schizophrenic patients. Journal of Psychiatric Research, 15, 57-65.

Frith, C.D. (1979) Consciousness, information processing and schizophrenia. British Journal of Psychiatry, 134, 225-235.

Frith, C.D. and Lang, R.J. (1979) Learning and reminiscence as a function of target predictability in a two-dimensional tracking task. Quarterly Journal of Experimental Psychology, 31, 103-109.

Frith, C.D., Stevens, M., Johnstone, E.C. and Crow, T.J. (1979) Skin conductance responsivity during acute episodes of schizophrenia as a predictor of symptomatic improvement. Psychological Medicine, 9, 101-106.

Joseph, M.H., Frith, C.D. and Waddington, J.L. (1979) Dopaminergic mechanisms and cognitive deficit in schizophrenia. A neurobiological model. Psychopharmacology, 63, 273-280.

Johnstone, E.C., Frith, C.D., Gold, A. and Stevens, M. (1979) The outcome of severe schizophrenic illness after one year. British Journal of Psychiatry, 134, 28-33.

### 1980 (2)

Johnstone, E.C., Deakin, J.F.W., Lawler, P., Frith, C.D., Stevens, M., McPherson, K. and Crow, T.J. (1980) The Northwick Park Electroconvulsive Therapy Trial. Lancet, 317, 1317-1320.

Johnstone, E.C., Owens, D.G.C., Frith, C.D., McPherson, K., Dowie, C., Riley, G. and Gold, A. (1980) Neurotic illness and its response to anxiolytic and antidepressant treatment. Psychological Medicine, 10, 321-328.

#### 1981 (2)

Catley, D.M., Jordan, C., Frith, C.D., Lehane, J.R., Rhodes, A.M. and Jones, J.G. (1981) Alcohol induced disco-ordination is not reversed by naloxone. Psychopharmacology, 75, 65-68.

Johnstone, E.C., Bourne, R.C., Crow, T.J., Frith, C.D., Gamble, S., Lofthouse, R., Owen, F., Owens, D.G.C., Robinson, J. and Stevens, M. (1981) The relationship between clinical response, psychophysiological variables and plasma levels of amitriptyline and diazepam in neurotic out-patients. Psychopharmacology, 72, 233-240.

#### 1982 (3)

Bernstein, A.S., Frith, C.D., Gruzelier, J.H., Patterson, T., Straube, E., Venables, P.H., Zahn, T.P. (1982) An analysis of the skin conductance orienting response in samples of American, British and German schizophrenics. Biological Psychiatry, 14, 155-221.

Frith, C.D., Stevens, M., Johnstone, E.C. and Crow, T.J. (1982) Skin conductance habituation during acute episodes of schizophrenia: Qualitative differences from anxious and depressed patients. Psychological Medicine, 12, 575-583.

Owens, D.G.C., Johnstone, E.C. and Frith, C.D. (1982) Spontaneous involuntary disorders of movements; their prevalence, severity and distribution in chronic schizophrenics with and without treatment with neuroleptics. Archives of General Psychiatry, 39, 452-461.

#### 1983 (7)

Allen, H.A. and Frith, C.D. (1983) Selective retrieval and free emission of category exemplars in schizophrenia. British Journal of Psychology, 74, 481-490.

Frith, C.D. and Allen, H.A. (1983) The skin conductance orienting response as an index of attention. Biological Psychology, 17, 27-39.

Frith, C.D. and Done, D.J. (1983) Stereotyped responding by schizophrenic patients on a two-choice guessing task. Psychological Medicine, 13, 779-786.

Frith, C.D. and Done, D.J. (1983) Stimulus integration in schizophrenia. British Journal of Clinical Psychology, 22, 221-222.

Frith, C.D., Stevens, M., Johnstone, E.C., Deakin, J.F.W., Lawler, P. and Crow, T.J. (1983) The effects of ECT and depression upon various aspects of memory. British Journal of Psychiatry, 142, 610-617.

Frith, C.D., Stevens, M., Johnstone, E.C., Owens, D.G.C. and Crow, T.J. (1983) Integration of schematic faces and other complex objects in schizophrenia. Journal of Nervous and Mental disease, 171, 34-39.

Johnstone, E.C., Crow, T.J., Ferrier, I.N., Frith, C.D., Owens, D.G.C., Bourne, R.C. and Gamble, S.J. (1983) Adverse effects of anticholinergic medication on positive schizophrenia symptoms. Psychological Medicine, 13, 512-527.

#### 1984 (8)

Bloxham, C., Mindel, T.A. and Frith, C.D. (1984) Initiation and execution of predictable and unpredictable movements in Parkinson's disease. Brain, 107, 371-384.

Cross, A.J., Johnson, J.A., Frith, C.D. and Taylor, G.R. (1984) Muscarinic cholinergic receptors in a rat phaeochromocytoma cell line. Biochemical and Biophysical Research Communications, 119, 163-167.

Crow, T.J., Deakin, J.F.W., Johnstone, E.C., Macmillan, J.F., Owens, D.G.C., Lawler, P., Frith, C.D., Stevens, M. and McPherson, K. (1984) The Northwick Park ECT trial: Predictors of response to real and simulated ECT. British Journal of Psychiatry, 144, 227-237.

Done, D.J. and Frith, C.D. (1984) The effect of context during word perception in schizophrenic patients. Brain and Language, 23, 318-336.

Frith, C.D. (1984) Schizophrenia, memory and anticholinergic drugs. Journal of Abnormal Psychology, 93, 339-341.

Frith, C.D., Richardson, J.T.E., Samuel, M., Crow, T.J. and McKenna, P.J. (1984) The effects of intravenous Diazepam and Hyoscine upon human memory. Quarterly Journal of Experimental Psychology, 36A, 133-144.

Frith, C.D., Stevens, M., Johnstone, E.C. and Owens, D.G.C. (1984) The effects of chronic treatment with amitriptyline and diazepam on electrodermal activity in neurotic out-patients. Physiological Psychology, 12, 247-252.

Richardson, J.T.E., Frith, C.D., Scott, E., Crow, T.J. and Owens, D.G.C. (1984) The effects of intravenous diazepam and hyoscine upon recognition memory. Behavioural Brain Research, 14, 193-199.

#### 1985 (3)

Frith, C.D., Dowdy, J., Ferrier, I.N. and Crow, T.J. (1985) Selective impairment of paired associate learning after administration of a centrally-acting adrenergic agonist (clonidine). Psychopharmacology, 87, 480-493.

Johnstone, E.C., Owens, D.G.C., Frith, C.D. and Calvert, L.M. (1985) Institutionalisation and the outcome of functional psychoses. British Journal of Psychiatry, 146, 36-44.

Owens, D.G.C., Johnstone, E.C., Crow, T.J., Frith, C.D., Jagoe, J.R. and Kreel, L. (1985) Lateral ventricular size in schizophrenia: Relationship to the disease process and its clinical manifestations. Psychological Medicine, 15, 27-41.

### 1986 (5)

Brown, R., Colter, N., Corsellis, J.A.N., Crow, T.J., Frith, C.D., Jagoe, R., Johnstone, E.C. and Marsh, L. (1986) Post-mortem evidence of structural brain changes in schizophrenia. Archives of General Psychiatry, 43, 36-42.

Done, D.J., Frith, C.D. and Owens, D.G.C. (1986) Reducing persistent auditory hallucinations by wearing an ear-plug. British Journal of Clinical Psychology, 25, 151-152.

Frith, C.D., Bloxham, C.A. and Carpenter, K.N. (1986) Impairments in the learning and performance of a new manual skill in patients with Parkinson's disease. Journal of Neurology, Neurosurgery and Psychiatry, 49, 661-668.

Frith, C.D. and Done, D.J. (1986) Routes to action in reaction time tasks. Psychological Research, 48, 169-177.

Johnstone, E.C., Owens, D.G.C., Frith, C.D. and Crow, T.J. (1986) The relative stability of positive and negative features in chronic schizophrenia. British Journal of Psychiatry, 150, 60-64.

#### 1987 (3)

Frith, C.D. (1987) The positive and negative symptoms of schizophrenia reflect impairments in the perception and initiation of action. Psychological Medicine, 17, 631-648.

Frith, C.D., Stevens, M., Johnstone, E.C., Deakin, J.F.W., Lawler, P. and Crow, T.J. (1987) A comparison of some retrograde and anterograde effects of electro-convulsive shock in patients with severe depression. British Journal of Psychology, 78, 53-63.

Owen, F., Crow, T.J., Frith, C.D., Johnson, J.A., Johnstone, E.C., Lofthouse, R., Owens, D.G.C. and Poulter, M. (1987) Selective decreases in MAO-B activity in post-mortem brains from schizophrenic patients with Type II syndrome. British Journal of Psychiatry, 151, 514-519.

#### 1988 (6)

Frith, C.D., Stevens, M., Johnstone, E.C. and Crow, T.J. (1988) Acute schizophrenic patients fail to modulate their level of attention. Journal of Psychophysiology, 2, 195-200.

Frith, C.D. and Done, D.J. (1988) Towards a neuropsychology of schizophrenia. British Journal of Psychiatry, 153, 437-443.

Ridley, R.M., Frith, C.D., Crow, T.J. and Conneally, P.M. (1988) Anticipation in Huntington's disease is inherited through the male line, but may originate in the female. Journal of Medical Genetics, 25, 589-595...

Johnstone, E.C., Cooling, N.J., Frith, C.D., Crow, T.J. and Owens, D.G.C. (1988) The Phenomenology of organic and functional psychoses and the overlap between them. British Journal of Psychiatry, 153, 770-776.

Ridley, R.M., Baker, H.F., Frith, C.D., Dowdy, J. and Crow, T.J. (1988) Stereotyped responding on a two-choice guessing task by marmosets and humans treated with amphetamine. Psychopharmacology, 95, 560-564.

Johnstone, E.C., Crow, T.J., Frith, C.D. and Owens, D.G.C. (1988) The Northwick Park 'Functional' psychosis study: Diagnosis and treatment response. Lancet 322, 119-125.

#### 1989 (8)

Frith, C.D. and Done, D.J. (1989) Experiences of alien control in schizophrenia reflect a disorder in the central monitoring of action. Psychological Medicine, 19, 359-363.

Frith, C.D., McGinty, M.A., Gergel, I. and Crow, T.J. (1989) The effects of scopolamine and clonidine upon the performance and learning of a motor skill. Psychopharmacology, 98, 120-125.

Done, D.J. and Frith, C.D. (1989) Automatic and Strategic Volitional Saccadic Eye Movements in Psychotic Patients. European Archives of Psychiatry and Neurological Sciences, 239, 27-32.

Crow, T.J., Ball, J., Bloom, S.R., Brown, R., Bruton, C.J., Colter, N. Frith, C.D., Johnstone, E.C., Owens, D.G.C. and Roberts, G.W. (1989) Schizophrenia as an Anomaly of Development of Cerebral Asymmetry. Archives of General Psychiatry, 46, 1145-1150.

Crow, T.J., Colter, N., Frith, C.D., Johnstone, E.C. and Owens, D.G.C. (1989) Developmental Arrest of Cerebral Asymmetries in Early Onset Schizophrenia. Psychiatry Research, 29, 247-253.

Johnstone, E.C., Owens, D.G.C., Bydder, G.M., Colter, N., Crow, T.J. and Frith, C.D. (1989) The spectrum of structural brain changes in Schizophrenia: age of onset as a predictor of cognitive and clinical impairments and their cerebral correlates. Psychological Medicine, 19, 91-103.

Johnstone, E.C., Owens, D.G.C., Frith, C.D., Alexandropolis, K., Bydder, G. and Colter, N. (1989) Temporal lobe structure as determined by nuclear magnetic resonance in schizophrenia and bipolar affective disorder. Journal of Neurology, Neurosurgery, and Psychiatry, 52, 736-741.

Gessler, S., Cutting, J., Frith, C.D. & Weinmann, J. (1989) Schizophrenic inability to judge facial emotion: a controlled study. British Journal of Clinical Psychology, 28, 19-29.

## 1990 (4)

Newton, D.E.F., Thornton, C., Konieczko, K., Frith, C.D., Dor\_, C.J., Webster, N.R. & Luff, N.P. (1990) Levels of consciousness in volunteers breathing sub-MAC concentrations of isoflurane. British Journal of Anaesthesia, 65,609-615.

Johnstone, E.C., Owens, D.G.C., Lambert, M.T., Crow, T.J., Frith, C.D. and Done, D.J. (1990) Combination tricyclic antidepressant and lithium maintenance medication in unipolar and bipolar depressed patients. Journal of Affective Disorders, 20, 225-233.

Friston, K.J., Frith, C.D., Liddle, P.F., Dolan, R.J., Lammertsma, A.A. and Frackowiak, R.S.J. (1990) The relationship between global and local changes in PET scans. Journal of Cerebral Blood Flow and Metabolism, 10, 458-466.

Bruton, C.J., Crow, T.J., Frith, C.D., Johnstone, E.C., Owens, D.G.C. and Roberts, G.W. (1990) Schizophrenia and the brain: a prospective clinico-neuropathological study. Psychological Medicine, 20, 285-304.

## 1991 (11)

Frith, C.D., Leary, J., Cahill, C. & Johnstone, E.C. (1991) Disabilities and circumstances of schizophrenic patients - a follow-up study. IV. Performance on psychological tests: demographic and clinical correlates of the results of these tests. British Journal of Psychiatry, 159, (suppl. 13), 26-29.

Johnstone, E.C., Crow, T.J., Owens, D.G.C. & Frith, C.D. (1991) The Northwick Park 'Functional' Psychosis Study. Phase 2: maintenance treatment. Journal of Psychopharmacology, 5, 388-395.

Friston, K.J., Frith, C.D., Liddle, P.F. & Frackowiak, R.S.J. (1991) Plastic transformation of PET images. Journal of Computer Assisted Tomography, 15, 634-639.

Frith, C.D., Friston, K.J., Liddle, P.F. & Frackowiak, R.S.J. (1991) A PET study of word finding. Neuropsychologia, 29, 1137-1148.

Baker, H.F., Poulter, M., Crow, T.J., Frith, C.D., Lofthouse, R., Ridley, R.M. & Collinge, J. (1991) Aminoacid polymorphism in human prion protein and age at death in inherited prion disease. Lancet, 337, 1286.

Shallice, T., Burgess, P.W. & Frith, C.D. (1991) Can the neuropsychological case-study approach be applied to schizophrenia? Psychological Medicine, 21, 661-673.

Ridley, R.M., Frith, C.D., Farrer, L.A., & Conneally, P.M. (1991) Patterns of inheritance of the symptoms of Huntington's disease suggestive of an effect of genomic imprinting. Journal of Medical Genetics, 28, 224-231.

- Friston, K.J., Frith, C.D., Liddle, P.F. & Frackowiak, R.S.J. (1991) Comparing functional (PET) images: The assessment of significant change. Journal of Cerebral Blood Flow & Metabolism, 11, 690-699.
- Done, D.J., Johnstone, E.C., Frith, C.D., Golding, J., Shepherd, P.M. & Crow, T.J. (1991) Complications of pregnancy and delivery in relation to psychosis in adult life: data from the British perinatal mortality survey sample. British Medical Journal, 302, 1576-1580.
- Frith, C.D., Friston, K.J., Liddle, P.F. & Frackowiak, R.S.J. (1991) Willed action and the prefrontal cortex in man: a study with PET. Proceedings of the Royal Society of London, Series B, 244, 241-246.
- Friston, K.J., Frith, C.D., Liddle, P.F. & Frackowiak, R.S.J. (1991) Investigating a network model of word generation with positron emission tomography. Proceedings of the Royal Society of London, Series B, 244, 101-106.

# 1992 (11)

- Liddle, P.F., Friston, K.J., Frith, C.D., Hirsch, S.R., Jones, T. & Frackowiak, R.S.J. (1992) Patterns of cerebral blood flow in schizophrenia. British Journal of Psychiatry, 160, 179-186.
- Ridley, R.M., Farrer, L.A., Frith, C.D. & Conneally, P.M. (1992) A test of the hypothesis that age of onset in Huntington's disease is controlled by an X-linked recessive modifier. American Journal of Human Genetics, 50, 536-543.
- Frith, C.D., Cahill, C., Ridley, R.M. & Baker, H.F. (1992) Memory for what it is and memory for what it means: a single case of Korsakoff's amnesia. Cortex, 28, 53-67.
- Friston, K.J., Frith, C.D., Passingham, R.E., Dolan, R.J., Liddle, P.F. & Frackowiak, R.S.J. (1992) Entropy and cortical activity: information theory and PET findings. Cerebral Cortex, 2, 259-267.
- Friston, K.J., Frith, C.D., Liddle, P.F. & Frackowiak, R.S.J. (1992) Functional connectivity: the principal-component analysis of large (PET) data sets. Journal of Cerebral Blood Flow and Metabolism, 13, 5-14.
- Grasby, P.M., Friston, K.J., Bench, C.J., Frith, C.D., Paulesu, E., Cowen, P.J., Liddle, P.F., Frackowiak, R.S.J. & Dolan, R.J. (1992) The effect of apomorphine and buspirone on regional cerebral blood flow during the performance of a cognitive task measuring neuromodulatory effects of psychotropic drugs in man. European Journal of Neuroscience, 4, 1203-1212.
- Grasby, P.M., Friston, K.J., Bench, C., Cowen, P.J., Frith, C.D., Liddle, P.F., Frackowiak, R.S.J. & Dolan, R.J. (1992) Effect of the 5-HT1a partial agonist buspirone on regional cerebral blood flow in man. Psychpharmacology, 108, 380-386.
- Ridley, R.M., Frith, C.D. & Conneally, P.M. (1992) Non-Mendelian features of the inheritance of Huntington's disease: a possible example of genomic imprinting. Developmental Biology, 3, 128-137.

Friston, K.J., Grasby, P.M., Bench, C.J., Frith, C.D., Cowen, P.J., Liddle, P.F., Frackowiak, R.S.J. & Dolan, R. (1992) Measuring the neuromodulatory effects of drugs with positron emission tomography. Neuroscience Letters, 141, 106-110.

Friston, K.J., Frith, C.D., Passingham, R.E., Liddle, P.F., & Frackowiak, R.S.J. (1992) Motor practice and neurophysiological adaptation in the cerebellum: a positron tomographic study. Proceedings of the Royal Society of London, series B, 248, 223-228.

Friston, K.J., Liddle, P.F., Frith, C.D., Hirsch, S.R. & Frackowiak, R.S.J. (1992) The left medial temporal region and schizophrenia: a PET study. Brain, 115, 367-382.

#### 1993 (13)

Paulesu, E., Frith, C.D. & Frackowiak, R.S.J. (1993) The neural correlates of the verbal component of working memory. Nature, 362, 342-344.

Grasby, P.M., Frith, C.D., Friston, K.J., Bench, C., Frackowiak, R.S.J. & Dolan, R.J. (1993) Functional mapping of brain areas implicated in auditory-verbal memory function. Brain, 116, 1-20.

Bench, C.J., Frith, C.D., Grasby, P.M., Friston, K.J., Paulesu, E., Frackowiak, R.S.J. & Dolan, R.J. (1993) Investigations of the functional anatomy of attention using the Stroop test. Neuropsychologia, 31, 907-922.

Grasby, P.M., Friston, K.J., Bench, C.J., Cowen, P.J., Frith, C.D., Liddle, P.F., Frackowiak, R.S.J. & Dolan, R.J. (1993) The effect of the dopamine agonist, apomorphine, on regional cerebral blood flow in normal volunteers. Psychological Medicine, 23, 605-612.

Allen, H.A., Liddle, P.F. & Frith, C.D. (1993) Negative features, retrieval processes and verbal fluency in schizophrenia. British Journal of Psychiatry, 163, 769-775.

Cahill, C., Al-Eithan, M. & Frith, C.D. (1993) Conscious and unconscious rule-induction: a neuropsychological case study. Consciousness and Cognition, 2, 210-224.

Silbersweig, D.A., Stern, E., Frith, C.D., Cahill, C., Schnorr, L., Grootoonk, S., Spinks, T., Clark, J., Frackowiak, R.S.J. & Jones, T. (1993) Detection of thirty-second cognitive activations in single subjects with positron emission tomography: a new low-dose H<sub>2</sub><sup>15</sup>O regional cerebral blood flow three-dimensional imaging technique. Journal of Cerebral blood flow and metabolism, 13, 617-629.

Friston, K.J., Frith, C.D., Liddle, P.F. & Frackowiak, R.S.J. (1993) Functional connectivity: the principal-component analysis of large (PET) data sets. Journal of Cerebral Blood Flow and Metabolism, 13, 5-14.

Friston, K.J., Frith, C.D. & Frackowiak, R.S.J. (1993) Principal component analysis learning algorithms: a neurobiological analysis. Proceedings of the Royal Society of London, Series B, 254, 47-54.

Grasby, P.M., Frith, C.D., Friston, K., Frackowiak, R.S.J. & Dolan, R.J. (1993) Activation of the human hippocampal formation during auditory-verbal long-term memory function. Neuroscience Letters, 163, 185-188.

Dolan, R.J., Bench, C.J., Liddle, P.F., Friston, K.J., Frith, C.D., Grasby, P.M. & Frackowiak, R.S.J. (1993) Dorsolateral prefrontal cortex dysfunction in the major psychoses: symptom or disease specificity? Journal of Neurology, Neursurgery and Psychiatry, 56, 1290-1294.

Friston, K.J., Frith, C.D. & Frackowiak, R.S.J. (1993) Time-dependent changes in effective connectivity measured with PET. Human Brain Mapping, 1, 69-79.

Dobbs, R.J., Bowes, S.G., Charlett, A., Henley, M., Frith, C.D., Dickens, J. & Dobbs, S.M. (1993) Hypothesis: the bradyphrenia of Parkinsonism is a nosological entity. Acta Neurologica Scandinavica, 87, 255-261.

## 1994 (11)

McGuire, P.K., Bench, C.J., Frith, C.D., Marks, I.M., Frackowiak, R.S.J. & Dolan, R.J. (1994) Functional Anatomy of Obsessive-Compulsive Phenomena. British Journal of Psychiatry, 164, 459-468.

Shallice, T., Fletcher, P., Frith, C.D., Grasby, P., Frackowiak, R.S.J. & Dolan, R.J. (1994) Brain regions associated with acquisition and retrieval of verbal episodic memory. Nature, 368, 633-635.

Bruton, C.J., Stevens, J.R. & Frith, C.D. (1994) Epilepsy, Psychosis and Schizophrenia: clinical and neuropathological correlations. Neurology, 44, 34-42.

Bottini, G., Sterzi, R., Paulesu, E., Vallar, G., Cappa, S.F., Erminio, F, Passingham, R.E., Frith, C.D. & Frackowiak, R.S.J. (1994) Identificantion of the central vestibular projections in man: a positron emission tomography activation study. Experimental Brain Research, 99, 164-169.

Rosen, S.D., Paulesu, E., Frith, C.D., Frackowiak, R.S.J., Davies, G.J., Jones, T. & Camici, P.G. (1994) Central nervous pathways mediating angina pectoris. Lancet, 344, 147-150.

Mlakar, J., Jensterle, J. & Frith, C.D. (1994) Central monitoring deficiency and schizophrenic symptoms. Psychological Medicine, 24, 557-564.

Geddes, J., Mercer, G., Frith, C.D., MacMillan, F., Owens, D. & Johnstone, E.C. (1994) Prediction of outcome following first schizophrenic episode. British Journal of Psychiatry, 165, 664-668.

O'Connor, N., Smith, N., Frith, C.D. & Tsimpli, I-M. (1994) Neuropsychology and linguistic talent. Journal of Neurolinguistics, 8, 95-107.

Grasby, P.M., Frith, C.D., Friston, K.J., Simpson, J., Fletcher, P.C., Frackowiak, R.S.J. & Dolan, R.J. (1994) A graded task approach to the functional mapping of brain areas implicated in auditory-verbal memory. Brain, 117, 1271-1282.

Silbersweig, D.A., Stern, E., Schnorr, L., Frith, C.D., Ashburner, J., Cahill, C., Frackowiak, R.S.J. & Jones, T. (1994) Imaging transient, randomly occurring neuropsychological events in single subjects with positron emission tomography: an event-related count rate correlation analysis. Journal of Cerebral Blood Flow and Metabolism, 14, 771-782.

Bottini, G., Corcoran, R., Sterzi, R., Paulesu, E., Schenone, P., Scarpa, P., Frackowiak, R.S.J. & Frith, C.D. (1994) The role of the right hemisphere in the interpretation of figurative aspects of language. Brain, 117, 1241-1253.

#### 1995 (19)

Stephan, K.M., Fink, G.R., Passingham, R.E., Silbersweig, D., Ceballos-Bauman, A.O., Frith, C.D. & Frackowiak, R.S.J. (1995) Functional anatomy of the mental representation of upper extremity movements in healthy subjects. Journal of Neurophysiology, 73, 373-386.

Frith, C. & Law, J. (1995) Cognitive and physiological processes underlying drawing skills. Leonardo, 28, 203-205.

Frith, C.D. & Fletcher, P. (1995) Voices from nowhere. Critical Quarterly, 37, 71-83

Grasby, P.M., Frith, C.D., Paulesu, E., Friston, K.J., Frackowiak, R.S.J. & Dolan, R.J. (1995) The effect of the muscarinic antagonist scopolamine on regional cerebral blood flow during the performance of a memory task. Experimental Brain Research, 104, 337-348.

Frith, U., Landerl, K. & Frith, C.D. (1995) Dyslexia and verbal fluency: more evidence for a phonological deficit. Dyslexia, 1, 2-11.

Frith, C.D., Friston, K.J., Herold, S., Silbersweig, D., Fletcher, P., Cahill, C., Dolan, R.J., Frackowiak, R.S.J. & Liddle, P.F. (1995) Regional brain activity in chronic schizophrenic patients during the performance of a verbal fluency task. British Journal of Psychiatry, 167, 343-349.

Frith, C.D. (1995) Schizophrenia: Functional imaging and cognitive abnormalities. Lancet, 346, 615-620.

McGuire, P.K., Silbersweig, D.A., Wright, I., Murray, R.M., David, A.S., Frackowiak, R.S.J. & Frith, C.D. (1995) Abnormal inner speech: a physiological basis for auditory hallucinations. Lancet, 346, 596-600.

Paulesu, E., Harrison, J., Baron-Cohen, S., Watson, J.D.G., Goldstein, L., Heather, J., Frackowiak, R.S.J. & Frith, C.D. (1995) The physiology of coloured hearing. A PET activation study of colour-word synaesthesia. Brain, 118, 661-676.

Friston, K.J. & Frith, C.D. (1995) Schizophrenia: A Disconnection Syndrome? Clinical Neuroscience, 3, 89-97.

- Bottinin, G., Paulesu, E., Sterzi, R., Warburton, E., Wise, R.J.S., Vallar, G., Frackowiak, R.S.J. & Frith, C.D. (1995) Modulation of conscious experience by peripheral sensory stimuli. Nature, 376, 778-781.
- Corcoran, R., Mercer, G. & Frith, C.D. (1995) Schizophrenia, symptomatology and social inference: Investigating 'theory of mind' in people with schizophrenia. Schizophrenia Research, 17, 5-13.
- Fletcher, P.C., Frith, C.D., Baker, S.C., Shallice, T., Frackowiak, R.S.J. & Dolan, R.J. (1995) The mind's eye precuneus activation in memory-related imagey. Neuroimage, 2, 195-200.
- Silbersweig, D.A., Stern, E., Frith, C.D., Cahill, C., Holmes, A., Grootoonk, S., Seaward, J., McKenna, P., Chua, S.E., Schnorr, L., Jones, T. & Frackowiak, R.S.J. (1995) A functional neuroanatomy of hallucinations in schizophrenia. Nature, 378, 176-179.
- Dolan, R.J., Fletcher, P., Frith, C.D., Friston, K.J., Frackowiak, R.S.J. & Grasby, P.M. (1995) Dopaminergic modulation of impaired cognitive activation in the anterior cingulate cortex in schizophrenia. Nature, 378, 180-182.
- Fletcher, P., Happé, F., Frith, U., Baker, S.C., Dolan, D.J., Frackowiak, R.S.J. & Frith, C.D. (1995) Other minds in the brain: a functional imaging study of "theory of mind" in story comprehension. Cognition, 57, 109-128.
- Engelien, A, Silbersweig, D., Stern, E., Huber, W., Döring, W., Frith, C.D. & Frackowiak, R.S.J. (1995) The functional anatomy of recovery from auditory agnosia. Brain, 118, 1395-1409.
- Frith, C.D., Kapur, N., Friston, K.J., Liddle, P.F. & Frackowiak, R.S.J. (1995) Regional cerebral activity associated with the incidental processing of pseudo-words. Human Brain Mapping, 3, 153-160.
- Fletcher, P.C., Frith, C.D., Grasby, P.M., Shallice, T., Frackowiak, R.S.J. & Dolan, R.J. (1995) Brain systems for encoding and retrieval of auditory-verbal memory. Brain, 118, 401-416.
- Wright, I.C., McGuire, P.K., Poline, J.-B., Travere, J.M., Murray, R.M., Frith, C.D., Frackowiak, R.S.J. & Friston, K.J. (1995) A voxel-based method for the statistical analysis of gray and white matter density applied to schizophrenia. Neuroimage, 2, 244-252.
- Kapur, N., Friston, K.J., Young, A., Frith, C.D. & Frackowiak, R.S.J. (1995) Activation of human hippocampal formation during memory for faces: a PET study. Cortex, 31, 99-108.
- Friston, K.J., Ashburner, J., Frith, C.D., Poline, J-B., Heather, J.D. & Frackowiak, R.S.J. (1995) Spatial registration and normalization of Images. Human Brain Mapping, 2, 165-189.
- Friston, K.J., Holmes, A.P., Worsley, K.J., Poline, J-B., Frith, C.D. & Frackowiak, R.S.J. (1995a) Statistical parametric maps in functional imaging: A General Linear approach. Human Brain Mapping, 2, 189-210.

### 1996 (36)

McGuire, P.K., Silbersweig, D.A., Murray, R.M., David, A.S., Frackowiak, R.S.J. & Frith, C.D. (1996) Functional anatomy of inner speech and auditory verbal imagery. Psychological Medicine, 26, 29-38.

Frith, C.D. (1996) Brain mechanisms for 'having a theory of mind'. Journal of Psychopharmacology, 10, 9-15.

Johnstone, E.C., Connelly, J., Frith, C.D., Lambert, M.T. & Owens, D.G.C. (1996) The nature of 'transient' and 'partial' psychoses - Findings from the Northwick Park 'functional' psychosis study. Psychological Medicine, 26, 361-369.

Paulesu, E., Frith, U., Snowling, M., Gallagher, A., Morton, J., Frackowiak, R.S.J. & Frith, C.D. (1996) Is developmental dyslexia a disconnection syndrome? Brain, 119, 143-157.

Nathaniel-James, D. & Frith, C.D. (1996) Confabulation in schizophrenia: evidence of a new form? Psychological Medicine, 26, 391-399.

Frith, C.D. & Corcoran, R. (1996) Exploring 'theory of mind' in people with schizophrenia. Psychological Medicine, 26, 521-530.

Friston, K.J., Frith, C.D., Fletcher, P. Liddle, P.F. & Frackowiak, R.S.J. (1996) Functional Topography: multidimensional scaling and functional connectivity in the brain. Cerebral Cortex, 6, 156-164.

Rosen, S.D., Paulesu, E., Nihoyannopoulos, P., Tousoulis, D., Frackowiak, R.S.J., Frith, C.D., Jones, T. & Camici, P.G. (1996) Silent ischemia as a central problem: regional brain activation compared in silent and painful myocardial ischemia. Annals of Internal Medicine, 124, 939-949.

McGuire, P.K. & Frith, C.D. (1996) Disordered functional connectivity in schizophrenia (editorial) Psychological Medicine, 26, 663-667.

McGuire, P.K., Silbersweig, D.A. & Frith, C.D. (1996) Functional neuroanatomy of verbal self-monitoring. Brain, 119, 907-917.

Friston, K.J., Stephan, K.M., Heather, J.D., Frith, C.D., Ionnides, A.A., Liu, L.C., Rugg, M.D., Vieth, J., Keber, H., Hunter, K. & Frackowiak, R.S.J. (1996) A multivariate analysis of evoked responses in EEG and MEG data. Neuroimage, 3, 167-174.

Fletcher, P.C., Dolan, R.J., Shallice, T., Frith, C.D., Frackowiak, R.S.J. & Friston, K.J. (1996) Is multivariate analysis of PET data more revealing than the univariate approach? Neuroimage, 3, 209-215.

Fink, G.R., Halligan, P.W., Marshall, J.C., Frith, C.D., Frackowiak, R.S.J. & Dolan, R.J. (1996) Where in the brain does visual attention select the forest and the trees? Nature, 382, 626-628.

- Johnstone, E.C. & Frith, C.D. (1996) Validation of three dimensions of schizophrenic symptoms in a large unselected sample of patients. Psychological Medicince, 26, 669-679.
- Davison, P.S., Frith, C.D., Harrison-Read, P.E. & Johnstone, E.C. (1996) Facial and other non-verbal communicative behaviour in chronic schizophrenia. Psychological Medicine, 26, 707-713.
- Baker, S.C., Frith, C.D., Frackowiak, R.S. J. & Dolan, R.J. (1996) Active representation of shape and spatial location in man. Cerebral Cortex, 6, 612-619.
- Cahill, C., Silbersweig, D. & Frith, C.D. (1996) Psychotic experiences induced in deluded patients using distorted auditory feedback. Cognitive Neuropsychiatry, 1, 201-211.
- Fletcher, P.C., Frith, C.D., Grasby, P.M., Friston, K.J. & Dolan, R.J. (1996) Local and distributed effects of apomorphine on fronto-temporal function in acute unmedicated schizophrenia. Journal of Neuroscience, 16, 7055-7062.
- Fletcher, P.C., Shallice, T., Frith, C.D., Frackowiak, R.S.J. & Dolan, R.J. (1996) Brain activity during memory retrieval: The influence of imagery and semantic cueing. Brain, 119, 1587-1596.
- Morris, J.S., Frith, C.D., Perrett, D.I., Rowland, D., Young, A.W., Calder, A.J. & Dolan R.J. (1996) A differential neural response in the human amygdala to fearful and happy facial expressions. Nature, 383, 812-815.
- Frith, C.D. (1996) The role of the prefrontal cortex in self-consciousness: the case of auditory hallucinations. Philosophical Transactions of the Royal Society of London B, 351, 1505-1512.
- Nathaniel-James, D.A., Foong, J. & Frith, C.D. (1996) The mechanisms of confabulation in schizophrenia. Neurocase, 2, 475-483.
- Dolan, R.J., Fletcher, P., Morris, J., Kapur, N., Deakin, J.F.W. & Frith, C.D. (1996) Neural activation during covert processing of positive emotional facial expressions. NeuroImage, 4, 194-200.
- Frith, C.D. & Friston, K.J. (1996) The role of the thalamus in 'top down' modulation of attention to sound. NeuroImage, 4, 210-215.
- Friston, K.J., Holmes, A., Poline, J-B., Price, C.J. & Frith, C.D. (1996) Detecting activations in PET and fMRI: levels of inference and power. NeuroImage, 4, 223-235.
- Maguire, E.A., Frackowiak, R.S.J. & Frith, C.D. (1996) Learning to find your way: a role for the human hippocampal formation. Proceedings of the Royal Society of London, Series B, 263, 1745-1750.
- Abrahams, S., Goldstein, L.H., Kew, J.J.M., Brooks, D.J., Lloyd, C.M., Frith, C.D. & Leigh, P.N. (1996) Frontal lobe dysfunction in amylotrophic lateral sclerosis A PET study. Brain, 119, 2105-2120.

- Baker, S.C., Rogers, R.D., Owen, A.M., Frith, C.D., Dolan, R.J., Frackowiak, R.S.J. & Robbins, T.W. (1996) Neural systems engaged by planning: a PET study of the Tower of London Task. Neuropsychologia, 34, 515-526.
- Coull, J.T., Frith, C.D., Frackowiak, R.S.J. & Grasby, P.M. (1996) A fronto-parietal network for rapid visual information processing. Neuropsychologia, 34, 1085-1095.
- Corcoran, R. & Frith, C.D. (1996) Conversational conduct and the symptoms of schizophrenia. Cognitive Neuropsychiatry, 1, 305-318.
- McGuire, P.K., Paulesu, E., Frackowiak, R.S.J. & Frith, C.D. (1996) Brain activity during stimulus independent thought. NeuroReport, 7, 2095-2099.
- Happé, F., Ehlers, S., Fletcher, P., Frith, U., Johansson, M., Gillberg, C., Dolan, R., Frackowiak, R. & Frith, C. (1996) 'Theory of mind' in the brain. Evidence from a PET scan study of Asperger syndrome. NeuroReport, 8, 197-201.
- McGuire, P.K., Silbersweig, D.A., Wright, I., Murray, R.M., Frackowiak, R.S.J., & Frith, C.D. (1996) The Neural Correlates of Inner Speech and Auditory Verbal Imagery in Schizophrenia Relationship to Auditory Verbal Hallucinations. British Journal of Psychiatry, 169, 148-159.
- Rugg, M.D., Fletcher, P.C., Frith, C.D., Frackowiak, R.S., Dolan, R.J. (1996) Differential activation of the prefrontal cortex in successful and unsuccessful memory retrieval. Brain 119, 2073-2083.

#### 1997 (19)

Rees, G., Frackowiak, R.S.J. & Frith, C.D. (1997) Two modulatory effects of attention that mediate object categorization in human cortex. Science, 275, 835-838.

Nathaniel-James, D.A., Fletcher, P. & Frith, C.D. (1997) The functional anatomy of verbal initiation and suppression using the Hayling test. Neuropsychologia, 35, 559-566.

Coull, J.T., Frith, C.D., Dolan, R.J., Fraclowiak, R.S.J. & Grasby, P.M. (1997) The neural correlates of the noradrenergic modulation of human attention, arousal and learning. European Journal of Neuroscience, 9, 589-598.

Fletcher, P.C., Frith, C.D. & Rugg, M.D. (1997) The functional neuroanatomy of episodic memory. Trends in the Neurosciences, 20, 213-218.

Baker, S.C., Frith, C.D. & Dolan, R.J. (1997) The interaction between mood and cognitive function studied with PET. Psychological Medicine, 27, 565-578.

Corcoran, R., Cahill, C. & Frith, C.D. (1997) The appreciation of visual jokes in people with schizophrenia: a study of 'mentalizing' ability. Schizophrenia Research, 24, 319-327.

Elliott, R., Baker, S.C., Ridgers, R.D., O'Leary, D.A., Paykel, E.S., Frith, C.D., Dolan, R.J. & Sahakian, B.J. (1997) Prefrontal dysfunction in depressed patients performing a complex

planning task: a study using positron emission tomography. Psychological Medicine, 27, 931-942.

Fink, G.R., Halligan, P.W., Marshall, J.C., Frith, C.D., Frackowiak, R.S.J. & Dolan, R.J. (1997) Neural mechanisms involved in the processing of global and local aspects of hierarchically organized visual stimuli. Brain, 120, 1779-1791.

Maguire, E.A., Frackowiak, R.S.J. & Frith, C.D. (1997) Recalling routes around London: Activation of the right hippocampus in taxi drivers. Journal of Neuroscience, 17, 7103-7110.

Frith, C.D. & Dolan, R.J. (1997) Brain mechanisms associated with top-down processes in perception. Philosophical Transactions of the Royal Society of London B, 352, 1221-1230.

Elliott, R., Frith, C.D. & Dolan, R.J. (1997) Differential neural response to positive and negative feedback in planning and guessing tasks. Neuropsychologia, 35, 1395-1404.

Rees, G., Frith, C.D., & Lavie, N. (1997) Modulating irrelevant motion perception by varying attentional load in an unrelated task. Science, 278, 1616-1619.

Rugg, M.D., Fletcher, P.C., Frith, C.D., Frackowiak, R.S., Dolan, R.J. (1997) Brain regions supporting intentional and incidental memory: a PET study. NeuroReport, 8, 1283-1287

Jueptner, M., Stephan, K.M., Frith, C.D., Brooks, D.J., Frackowiak, R.S. & Passingham, R.E. (1997) Anatomy of motor learning. I. Frontal cortex and attention to action. Journal of Neurophysiology, 77, 1313-1324.

Jueptner, M., Frith, C.D., Brooks, D.J., Frackowiak, R.S. & Passingham, R.E. (1997) Anatomy of motor learning. II. Subcortical structures and learning by trial and error. Journal of Neurophysiology, 77, 1325-1337.

Fink, G.R., Marshall, J.C., Halligan, P.W., Frith, C.D., Frackowiak, R.S.J. & Dolan, R.J. (1997) Hemispheric specializtaion for global and local processing: the effect of stimulus category. Proceedings of the Royal Society of London B, 264, 487-494.

Nobre, A.C., Sebestyen, G.N., Gitelman, D.R., Mesulam, M.M., Frackowiak, R.S.J. & Frith, C.D. (1997) Functional localization of the system for visuospatial attention using positron emission tomography. Brain, 120, 515-533.

Fink GR, Dolan RJ, Halligan PW, Marshall JC, Frith CD (1997) Space-based and object-based visual attention: shared and specific neural domains. Brain 120: 2013-2028.

McGuire PK, Robertson D, Thacker A, David AS, Kitson N, Frackowiak RSJ, Frith CD (1997) Neural correlates of thinking in sign language Neuroreport 8 (3): 695-698

## 1998 (18)

Morris, J.S., Friston, K.J., Büchel, C., Frith, C.D., Young, A.W., Calder, A.J. & Dolan, R.J. (1998) A neuromodulatory role for the human amygdala in processing emotional facial expressions. Brain, 121, 47-57.

- Maguire, E.A., Frith, C.D., Burgess, N., Donnett, J.G. & O'Keefe, J. (1998) Knowing where things are: Parahippocampal involvement in encoding object locations in virtual large-scale space. Journal of Cognitive Neuroscience, 10, 61-76.
- Doody, G.A., Götz, M., Johnstone, E.C., Frith, C.D. & Cunningham Owens, D.G. (1998) Theory of mind and Psychoses. Psychological Medicine, 28, 397-406.
- Maguire, E.A., Burgess, N., Donnett, J.G., Frackowiak, R.S.J., Frith, C.D. & O'Keefe, J. (1998) Knowing where and getting there: A human navigation network. Science, 280, 921-924.
- Rees, G. & Frith, C.D. (1998) How do we select perceptions and actions? Human brain imaging studies. Philosophical Transactions of the Royal Society of London B, 353, 1283-1293.
- McGuire, P.K., Quested, D., Spence, S., Frith, C.D., Murray, R.M., Liddle, P.F. (1998) Pathophysiology of 'positive' thought disorder in schizophrenia. British Journal of Psychiatry, 173, 231-235.
- Coull, J.T. & Frith, C.D. (1998) Differential activation of right superior parietal cortex and interparietal sulcus by spatial and nonspatial attention. NeuroImage, 8, 176-187.
- Büchel, C., Josephs, O., Rees, G., Turner, R., Frith, C.D. & Friston, K.J. (1998) The functional anatomy of attention to visual motion: a functional MRI study. Brain, 121, 1281-1294.
- Rugg, M.D., Walla, P., Schloerscheidt, A.M., Fletcher, P.C., Frith, C.D., Dolan, R.J. (1998) Neural correlates of depth of processing effects on recollection: evidence from brain potentials and positron emission tomography. Experimental Brain Research, 123,18-23.
- Portas, C.M., Rees, G., Howseman, A.M., Josephs, O., Turner, R. & Frith, C.D. (1998) A specific role for the thalamus in mediating the interaction and arousal in humans. The Journal of Neuroscience, 18, 8979-8989.
- Coull, J.T., Frackowiak, R.S.J. & Frith, C.D. (1998) Monitoring for target objects: activation of right frontal and parietal cortices with increasing time on task. Neuropsychologia, 36, 1325-1334.
- Rugg, M.D., Fletcher, P.C., Allan, K., Frith, C.D., Frackowiak, R.S.J. & Dolan, R.J. (1998) Neural correlates of memory retrieval during recognition memory and cued recall. Neuroimage, 8, 262-273.
- Blakemore, S-J., Rees, G. & Frith, C.D. (1998) How do we predict the consequences of our actions? A functional imaging study. Neuropsychologia, 36, 521-529.
- Fletcher, P.C., Shallice, T., Frith, C.D., Frackowiak, R.S.J. & Dolan, R.J. (1998) The functional roles of prefrontal cortex in episodic memory II. Retrieval. Brain, 121, 1249-1256.

Blakemore, S-J., Wolpert, D.M. & Frith, C.D. (1998) Central cancellation of self-produced tickle sensation. Nature Neuroscience, 1, 635-640.

Jahanshahi, M. & Frith, C.D. (1998) Willed action and its impairments. Cognitive neuropsychology, 15, 483-533.

Costello, A., Fletcher, P.C., Dolan, R.J., Frith, C.D. & Shallice, T. (1998) The origins of forgetting in a case of isolated retrograde amnesia following a haemorrhage: evidence from functional imaging. Neurocase, 4, 437-446.

Fletcher, P.C., McKenna, P.J., Frith, C.D., Grasby, P.M., Friston, K.J. & Dolan, R.J. (1998) Brain activations in schizophrenia during a graded memory task studied with functional neuroimaging. Archives of General Psychiatry, 55, 1001-1008.

### 1999 (15)

Nobré, A,C., Coull, J.T., Frith, C.D. & Mesulam, M.M. (1999) Orbitofrontal cortex is activated during breaches of expectation in tasks of visual attention. Nature Neuroscience (scientific correspondence) 2, 11-12.

Fletcher, P., McKenna, P.J., Friston, K.J., Frith, C.D. & Dolan, R.J. (1999) Abnormal cingulate modulation of Fronto-temporal connectivity in schizophrenia. NeuroImage, 9, 337-342.

Fink, G.R., Marshall, J.C., Halligan, P.W., Frith, C.D., Driver, J., Frackowiak, R.S.J. & Dolan, R.J. (1999) The neural consequences of conflict between intention and the senses. Brain, 122, 497-512.

Frith, C.D., Perry, R. & Lumer, E. (on behalf of the consciousness club) (1999) The neural correlates of conscious experience: an experimental framework. Trends in Cognitive Sciences, 3, 105-114.

Blair, R.J.R., Morris, J.S., Frith, C.D., Perret, D.I. & Dolan, R.J. (1999) Dissociable neural responses to facial expressions of sadness and anger. Brain, 122, 883-893.

Coull, J.T., Frith, C.D. and Dolan, D.J. (1999) Dissociating neuromodulatory effects of diazepam on episodic memory and executive function. Psychopharmacology, 145, 213-222.

Abell, F., Krams, M., Ashburner, J., Passingham, R., Friston, K., Frackowiak, R., Happé, F., Frith, C.D. & Frith, U. (1999) The neuroanatomy of autism: a voxel-based whole brain analysis of structural scans. NeuroReport, 10, 1647-1651.

Spence, S.A. & Frith, C.D. (1999) Towards a functional anatomy of volition. Journal of Consciousness Studies, 6, 11-29.

Blakemore, S.-J., Wolpert, D.M. & Frith, C.D. (1999) The cerebellum contributes to somatosensory cortical activity during self-produced tactile stimulation. NeuroImage, 10, 448-459.

Blakemore, S.-J., Frith, C.D. & Wolpert, D.M. (1999) Spatio-temporal prediction modulates the perception of self-produced stimuli. Journal of Cognitive Neuroscience, 11, 551-559.

Maguire, E.A., Morris, R.G.M. & Frith, C.D. (1999) The functional anatomy of comprehension and memory: the importance of prior knowledge. Brain, 122, 1839-1850.

Brunswick, N., McCrory, E., Price, C.J., Frith, C.D. & Frith, U. (1999) Explicit and implicit processing of words and pseudowords by adult developmental dyslexics. A search for Wernicke's Wortschatz? Brain, 122, 1901-1917.

Frith C. D. & Frith, U. (1999) Interacting Minds--A Biological Basis. Science, 286, 1692-1695.

Coull, J.T., Büchel, C., Friston, K.J. & Frith, C.D. (1999) Noradrenergically mediated plasticity in a human attentional neuronal network. NeuroImage, 10, 705-715.

Rees, R., Russell, C., Frith, C.D. & Driver, J. (1999) Inattentional blindness versus inattentional amnesia for fixated, but ignored words. Science, 286, 2504-2507.

# 2000 (24)

Gallagher, H.C., Happe, F., Brunswick, N., Fletcher, P.C., Frith, U. & Frith, C.D. (2000) Reading the mind in cartoons and stories: an fMRI study of 'theory of mind' in verbal and nonverbal tasks. Neuropsychologia, 38, 11-21.

Paulesu, E., McCrory, E., Fazio, F., Menoncello, L., Brunswisck, N., Cappa, S.F., Cotelli, M., Cossu, G., Corte, F., Lorusso, M., Pesenti, S., Gallagher, A., Perani, D., Price, C., Frith, C.D. & Frith, U. (2000) A cultural effect on brain function. Nature Neuroscience, 3, 91-96.

Fuller, R., Frith, C.D. & Jahanshani, M. (2000) Reduced negative priming does indicate reduced cognitive inhibition in schizophrenia. Cognitive Neuropsychiatry, 5, 21-35.

Spence, S.A., Liddle, P.F., Stefan, M. D., Hellewell, J.S.E., Sharma, T., Friston, K.J., Hirsch, S.R., Frith, C.D., Murray, R.M., Deakin, J.F.W., Grasby, P.M. (2000) Functional anatomy of verbal fluency in people with schizophrenia and those at genetic risk. British Journal of Psychiatry, 176, 52-60.

Maguire, E.A., Gadian, D.G., Johnsrude, I.S., Good, C.D., Ashburner, J., Frackowiak, R.S.J. & Frith, C.D. (2000) Navigation-related structural change in the hippocampi of taxi drivers. Proceedings of the National Academy of Sciences, 97, 4398-4403.

Henson, R.N.A., Burgess, N. & Frith, C.D. (2000) Recoding, storage, rehearsal and grouping in verbal short-term memory; an fMRI study. Neuropsychologia, 38, 426-440.

Elliott, R., Dolan, R.J. & Frith, C.D. (2000) Dissociable functions in the medial and lateral orbitofrontal cortex: Evidence from human neuroimaging studies. Cerebral Cortex, 10, 308-317.

- Coull, J.T., Frith, C.D., Büchel, C. & Nobre, A.C. (2000) Orienting in time: behavioural and neuroanatomical distinction between exogenous and endogenous shifts. Neuropsychologia, 38, 808-819.
- Frith, C.D., Blakemore, S.-J. & Wolpert, D.M. (2000) Explaining the symptoms of schizophrenia: Abnormalities in the awareness of action. Brain Research Reviews, 31, 357-363.
- Jensterle, J., Mlakar, J., Vodusek, B.B. & Frith, C.D. (2000) Disorganisation in schizophrenia need not result from a failure to inhibit dominant response tendencies. Cognitive Neuropsychiatry, 5, 105-121.
- Engelien, A., Huber, W., Silbersweig, D., Stern, E., Frith, C.D., Döring, W., Thron, A. & Frackowiak, R.S.J. (2000) The neural correlates of 'deaf-hearing' in man Conscious sensory awareness enabled by attentional modulation. Brain, 123, 532-545.
- Portas, C.M., Strange, B.A., Friston, K.J., Dolan, R.J. & Frith, C.D. (2000) How does the brain sustain a visual percept? Proceedings of the Royal Society of London, series B, 267, 845-850.
- Macaluso, E., Frith, C.D. & Driver, J. (2000) Selective spatial attention in vision and touch: Unimodal and multimodal mechanisms revealed by PET. Journal of Neurophysiol 83, 3062-3075.
- Rees, G., Wojciulik, E., Clarke, K., Husain, M., Frith, C.D. & Driver, J. (2000) Unconscious activation of visual cortex in the damaged right hemisphere of a parietal patient with extinction. Brain, 123, 1624-1633.
- Castelli, F., Happé, F., Frith, U. & Frith, C.D. (2000) Movement and mind: A functional imaging study of perception and interpretation of complex intentional movement patterns. NeuroImage, 12, 314-325.
- Macaluso, E., Frith, C. D. & Driver, J. (2000) Modulation of human visual cortex by crossmodal spatial attention. Science, 289,1206-1208.
- Blakemore, S.-J., Smith, J., Steel, R., Johnstone, E. C. & Frith, C. D. (2000) The perception of self-produced sensory stimuli in patients with auditory hallucinations and passivity experiences: evidence for a breakdown in self-monitoring. Psychological Medicine, 30, 1131-1139.
- Jahanshahi, M., Dirnberger, G., Fuller, R. & Frith, C.D. (2000) The role of the dorsolateral prefrontal cortex in random number generation. NeuroImage, 12, 713-725.
- Frith, C.D., Blakemore, S.-J. & Wolpert, D.M. (2000) Abnormalities in the awareness and control of action. Philosophical Transactions of the Royal Society of London, Series B, 355, 1771-1788.
- Macaluso, E. & Frith. C.D. (2000) Interhemispheric differences in extrastriate areas during visuo-spatial selective attention. NeuroImage, 12, 485-494.

- Goel, V., Buchel, C., Frith, C.D. & Dolan, R.J. (2000) Dissociation of mechanisms underlying syllogistic reasoning. NeuroImage, 12, 504-514.
- Stern, E., Silbersweig, D.A., Chee, K.-Y., Holmes, A., Robertson, M.M., Trimble. M., Frith, C.D. Frackowiak, R.S.J. & Dolan, R.J. (2000) A functional neuroanatomy of tics in Tourette syndrome. Archives of General Psychiatry, 57, 741-748.
- Portas, C.M., Krakow, K., Allen, P., Josephs, O., Armony, J.L. & Frith, C.D. (2000) Auditory processing across the sleep-wake cycle: Simultaneous EEG and fMRI monitoring in humans. Neuron, 28, 991-999.

A. Engelien, E. Stern, N. Isenberg, W. Engelien, C. Frith, And D. Silbersweig (2000) The Parahippocampal Region and Auditory-Mnemonic Processing. Ann NY Acad Sci 911: 477-485.

#### 2001 (14)

Pickup, G.J., & Frith, C.D. (2001) Theory of mind impairments in schizophrenia: symptomatology, severity and specificity. Psychological Medicine, 31, 207-220.

Maguire, E.A., Henson, R.N.A., Mummery, C.J. & Frith, C.D. (2001) Activity in prefrontal cortex, not hippocampus, varies parametrically with the increasing remoteness of memories. NeuroReport, 12, 441-444.

de Fockert, J.W., Rees, G., Frith, C.D. & Lavie, N. (2001) The role of working memory in visual selective attention. Science, 291, 1803-1806.

Maguire, E. A., Frith, C.D. & Cipolotti, L. (2001) Distinct neural systems for the encoding and recognition of topography and faces. NeuroImage, 13, 743-750.

Paulesu, E., Démonet, J.-F., Fazio, F., McCrory, E., Chanoine, V., Brunswick, N., Cappa, S. F., Cossu, G., Habib, M., Frith, C. D., & Frith, U. (2001) Dyslexia: Cultural Diversity and Biological Unity. Science, 291, 2165-2167.

- Johns, L.C., Rossell, S., Frith, C.D., Ahmad, F., Hemsley, D., Kuipers, E. & McGuire. P.K. (2001) Verbal self-monitoring and auditory verbal hallucinations in patients with schizophrenia. Psychological Medicine, 31, 705-716.
- Coull, J.T., Nobre,, A.C. & Frith, C.D. (2001) The noradrenergic α2 agonist clonidine modulates behavioural and neuroanatomical correlates of human attentional orienting and alerting. Cerebral Cortex, 11, 73-84.
- Bottini, G., Karnath, H.-O., Vallar, G., Sterzi, R., Frith, C.D., Frackowiak, R.S.J. & Paulesu, E. (2001) Cerebral representation for ego centric space: Functional-anatomical evidence from caloric vestibular stimulation and neck vibration. Brain, 124, 1182-1196.

Beck, D.M., Rees, G., Frith, C.D. & Lavie, N. (2001) Neural correlates of change and change blindness. Nature Neuroscience, 4, 645-650.

Frith, U. & Frith, C.D. (2001) The biological basis of social interaction. Current Directions in Psychological Science, 10, 156-159.

Frith, C.D. (2001) A framework for studying the neural basis of attention (concluding review). Neuropsychologia, 39, 1367-1371.

Kampe, K.K., Frith, C.D., Dolan, R.J. & Frith, U. (2001) Reward value of attractiveness and gaze. Nature, 413, 589.

Macaluso, E., Frith, C.D. & Driver, J. (2001) Multimodal mechanisms of attention related to rates of spatial shifting in vision and touch. Experimental Brain Research, 137, 445-54

Burgess PW, Quayle A, Frith CD. (2001) Brain regions involved in prospective memory as determined by positron emission tomography. Neuropsychologia. 39(6):545-5

#### 2002 (14)

Macaluso, E., Frith, C.D. & Driver, J. (2002) Crossmodal spatial influences of touch on extrastriate visual areas take current gaze direction into account. Neuron, 34, 647-658.

Macaluso, E., Frith, C.D. & Driver, J. (2002) Supramodal effects of covert spatial orienting triggered by visual or tactile events. Journal of Cognitive Neuroscience, 14, 389-401.

Farrer, C., Passingham, R.E., & Frith, C.D. (2002) A role for the ventral visual stream in reporting movements. Neuroimage, 15, 587-595.

Farrer, C. & Frith, C.D. (2002) Experiencing oneself vs another person as being the cause of an action: The neural correlates of the experience of agency. Neuroimage, 15, 596-603.

Macaluso, E., Frith, C.D. & Driver, J. (2002) Directing attention to locations and to sensory modalities: Multiple levels of selective processing revealed with PET. Cerebral Cortex, 12, 357-368.

Lawrie, S.M., Buechel, C., Whalley, H.C., Frith, C.D., Friston, K.J. & Johnstone, E.C. (2002) Reduced frontotemporal functional connectivity in schizophrenia associated with auditory hallucinations. Biological Psychiatry, 51, 1008-1011.

McGonigle, D.J., Hänninen, R., Salenius, S., Hari, R., Frackowiack, R.S.J. & Frith, C.D. (2002) Whose arm is it anyway? An fMRI case study of supernumerary phantom limb. Brain, 125, 1265-1274.

Gallagher, H.L., Jack, A.I., Roepstorff, A. & Frith, C.D. (2002) Imaging the intentional stance in a competitive game. NeuroImage, 16, 814-821.

Nobre, A.C., Sebestyen, G.N., Gitelman, D.R., Frith, C.D. & Mesulam, M.M. (2002) Filtering of distractors during visual search studied by positron emission tomography. NeuroImage, 16, 968-976.

Nathaniel-James, D.A. & Frith, C.D. (2002) The role of the dorsolateral prefrontal cortex: evidence from the effects of contextual constraint in a sentence completion task. NeuroImage, 16, 1094-1102.

Frith, C.D. (2002) Attention to action and awareness of other minds. Consciousness and Cognition, 11, 481-487.

Rees, G., Wojciulik, E., Clarke, K., Husain, M., Frith, C.D. & Driver, J. (2002) Neural correlates of conscious and unconscious vision in parietal extinction. Neurocase, 8, 387-393.

Schwartz, S., Maquet, P. & Frith, C.D. (2002) Neural correlates of perceptual learning: A functional MRI study of visual texture discrimination. Proceedings of the National Academy of Sciences 99 (26), 17137-17142.

Castelli, F., Frith, C.D., Happé, F. & Frith, U. (2002) Autism, Asperger syndrome and brain mechanisms for the attribution of mental states to animated shapes. Brain 125, 1839-1849.

### 2003 (15)

Nobre, A.C., Coull, J.T., Walsh, V. & Frith, C.D. (2003) Brain activations during visual search: contributions of search efficiency versus feature binding. NeuroImage, 18, 91-103.

Blakemore, S.-J. & Frith, C.D. (2003) Self-awareness and action. Current Opinion in Neurobiology, 13, 1-6.

Burgess, P.W., Scott, S.K. & Frith, C.D. (2003) The role of the rostral frontal cortex (area 10) in prospective memory: a lateral versus medial dissociation. Neuropsychologia \_41, 8, 906-918.

Maquet, P., Schwartz, S., Passingham, R. & Frith, C.D. (2003) Sleep-Related Consolidation of a Visuomotor Skill: Brain Mechanisms as Assessed by Functional Magnetic Resonance Imaging. The Journal of Neuroscience 23(4), 1432–1440.

Macaluso, E., Eimer, M., Frith, C.D. & Driver, J. (2003) Preparatory states in crossmodal spatial attention: spatial specificity and possible control mechanisms. Experimental Brain Research 149 (1): 62-74.

Farrer, C., Franck, N., Georgieff, N,. Frith, C.D., Decety, J. & Jeannerod, M. (2003) Modulating the experience of agency: a positron emission tomography study. NeuroImage 18, 2, 324-333.

Blakemore, S.-J., Oakley, D.A. & Frith, C.D. (2003) Delusions of alien control in the normal brain, Neuropsychologia, 41, 8, 1058-106.

Frith, U. & Frith, C.D. (2003) Development and neurophysiology of mentalising. Philosophical Transactions of the Royal Society of London series B, 358, 459-473.

Maguire, E.A. & Frith, C.D. (2003) Aging affects the engagement of the hippocampus during autobiographical memory retrieval. Brain 126, 1511-1523.

Kampe, K.K.W., Frith, C.D. & Frith U. (2003) "Hey John": Signals Conveying Communicative Intention toward the Self Activate Brain Regions Associated with "Mentalizing," Regardless of Modality. J. Neurosci. 23, 5258-5263.

Corcoran, R. & Frith, C.D. (2003) Autobiographical memory and theory of mind: evidence of a relationship on schizophrenia. Psychological Medicine, 5, 897-905.

Shergill, S.S., Bays, P.M., Frith, C.D. & Wolpert, D.M. (2003) Two eyes for an eye: the neuroscience of force escalation. Science, 301, 187.

Coull, J.T., Walsh, V., Frith, C.D. & Nobre, A.C. (2003) Distinct neural substrates for visual search amongst spatial versus temporal distractors. Brain Res Cogn Brain Res. 17(2):368-379.

Maguire, E.A. & Frith, C.D. (2203) Lateral asymmetry in the hippocampal response to the remoteness of autobiographical memories. Journal of Neuroscience 15, 23(12):5302-5307.

Gallagher, H.L. & Frith, C.D. (2003) Functional imaging of 'theory of mind' Trends Cogn Sci 7 (2): 77-83.

### 2004(15)

Singer T, Seymour B, O'Doherty J, Kaube, H., Dolan, D.J. & Frith, C. (2004) Empathy for pain involves the affective but not sensory components of pain. Science 303 (5661): 1157-1162.

Singer T, Kiebel SJ, Winston JS, Dolan RJ, Frith CD. (2004) Brain responses to the acquired moral status of faces. Neuron, 41(4):653-662.

Grèzes J, Frith CD, Passingham RE. (2004) Inferring false beliefs from the actions of oneself and others: an fMRI study. Neuroimage, 21(2):744-750.

Roepstorff A, Frith C. (2004) What's at the top in the top-down control of action? Script-sharing and 'top-top' control of action in cognitive experiments. Psychology Research 68 (2-3): 189-198.

Nobre AC, Coull JT, Maquet P, Frith CD, Vandenberghe R, Mesulam MM (2004) Orienting attention to locations in perceptual versus mental representations. Journal of Cognitive Neuroscience 16 (3): 363-373.

Coull JT, Jones MEP, Egan TD, Frith CD, Maze M. (2004) Attentional effects of noradrenaline vary with arousal level: selective activation of thalamic pulvinar in humans. Neuroimage 22 (1): 315-322

Maguire EA, Frith CD (2004) The brain network associated with acquiring semantic knowledge. Neuroimage 22 (1): 171-178

Grèzes, J., Frith, C.D. & Passingham, R.E. (2004) Brain mechanisms for inferring deceit in the actions of others. Journal of Neuroscience 24 (24), 5500-5505.

Dixon, T., Kravariti, E., Frith, C.D., Murray, R.M. & McGuire, P.K. (2004) Effect of symptoms on executive function in bipolar illness. Psychological Medicine, 34 (5), 811-822.

de Fockert J, Rees G, Frith C.D., Lavie N (2004) Neural correlates of attentional capture in visual search. Journal of Cognitive Neuroscience 16 (5): 751-759.

Farrer C, Franck N, Frith CD, Decety J, Georgieff N, d'Amato T, Jeannerod M. (2004) Neural correlates of action attribution in schizophrenia. Psychiatry Research 131(1), 31-44.

Hohwy, J. & Frith, C.D. (2004) Can Neuroscience Explain Consciousness? Journal of Consciousness Studies 11 (7-8), 180-198.

Gallagher, H.L. & Frith, C.D. (2004) Dissociable neural pathways for the perception and recognition of expressive and instrumental gestures. Neuropsychologia 42(13),1725-1736.

Dab, S., Morais, J. & Frith, C.D. (2004) Comprehension, encoding, and monitoring in the production of confabulation in memory: A study with schizophrenic patients. Cognitive Neuropsychiatry 9(3), 153–182.

Schultz, J., Imamizu, H., Kawato, M. & Frith, C.D. (2004) Activation of the Human Superior Temporal Gyrus during Observation of Goal Attribution by Intentional Objects. J Cogn Neurosci. 16(10):1695-705.

# 2005 (17)

Blakemore, S.-J. & Frith, C.D. (2005) The role of motor contagion in the prediction of action. Neuropsychologia 43, 260-267.

Schultz, J., Friston, K.J., O'Doherty, J., Wolpert, D.M. & Frith, C.D. (2005) Activation in posterior superior temporal sulcus parallels parameter inducing the percept of animacy. Neuron 45(4), 625-635.

Gilbert SJ, Frith CD, Burgess PW. (2005) Involvement of rostral prefrontal cortex in selection between stimulus-oriented and stimulus-independent thought. Eur J Neurosci. 21(5):1423-31.

Dirnberger G, Frith CD, Jahanshahi M. (2005) Executive dysfunction in Parkinson's disease is associated with altered pallidal-frontal processing. Neuroimage. 25(2):588-99.

Fletcher PC, Zafiris O, Frith CD, Honey RA, Corlett PR, Zilles K, Fink GR. (2005) On the benefits of not trying: brain activity and connectivity reflecting the interactions of explicit and implicit sequence learning. Cereb Cortex. 15(7):1002-1

Kravariti E, Dixon T, Frith C, Murray R, McGuire P. (2005) Association of symptoms and executive function in schizophrenia and bipolar disorder. Schizophr Res. 74(2-3):221-31.

Blakemore SJ, Bristow D, Bird G, Frith C, Ward J. (2005) Somatosensory activations during the observation of touch and a case of vision-touch synaesthesia. Brain 128(Pt 7):1571-83.

Maguire EA, Frith CD, Rudge P, Cipolotti L. (2005) The effect of adult-acquired hippocampal damage on memory retrieval: An fMRI study. Neuroimage 27(1):146-52.

Bristow D, Frith C, Rees G. (2005) Two distinct neural effects of blinking on human visual processing. Neuroimage 27(1):136-45.

Macaluso E, Frith CD, Driver J. (2005) Multisensory stimulation with or without saccades: fMRI evidence for crossmodal effects on sensory-specific cortices that reflect multisensory location-congruence rather than task-relevance. Neuroimage 26(2):414-25.

den Ouden HE, Frith U, Frith C, Blakemore SJ. (2005) Thinking about intentions. Neuroimage 28(4):787-796.

Silani G, Frith U, Demonet JF, Fazio F, Perani D, Price C, Frith CD, Paulesu E. (2005) Brain abnormalities underlying altered activation in dyslexia: a voxel based morphometry study. Brain 128(10):2453-6.

Frith C. (2005) The self in action: Lessons from delusions of control. Conscious Cogn. 2005, 14, 752-770.

Bristow D, Haynes JD, Sylvester R, Frith CD, Rees G. (2005) Blinking suppresses the neural response to unchanging retinal stimulation. Curr Biol. 15(14): 1296-300.

Shergill SS, Samson G, Bays PM, Frith CD, & Wolpert DM. (2005) Evidence for Sensory Prediction Deficits in Schizophrenia. Am J Psychiat 162 (12): 2384-6

de C Hamilton AF, Joyce DW, Flanagan JR, Frith CD, Wolpert DM. (2005) Kinematic cues in perceptual weight judgement and their origins in box lifting. Psychol Res. :1-9.

### 2006 (13)

Amodio DM, Frith CD. (2006) Meeting of minds: the medial frontal cortex and social cognition. Nat Rev Neurosci. 7(4):268-277.

Bird, G., Catmur, C., Silani, G., Frith, C., & Frith, U. (2006). Attention does not modulate neural responses to social stimuli in autism spectrum disorders. *Neuroimage*, 31(4), 1614-1624.

Engelien, A., Tuscher, O., Hermans, W., Isenberg, N., Eidelberg, D., Frith, C., et al. (2006). Functional neuroanatomy of non-verbal semantic sound processing in humans. *Journal of Neural Transmission*, 113(5), 599-608.

Frith, C. D., & Frith, U. (2006). How we predict what other people are going to do. *Brain Research*, 1079, 36-46.

Gilbert, S. J., Simons, J. S., Frith, C. D., & Burgess, P. W. (2006). Performance-related

- activity in medial rostral prefrontal cortex (Area 10) during low-demand tasks. *Journal of Experimental Psychology-Human Perception and Performance*, 32(1), 45-58.
- Gilbert, S. J., Spengler, S., Simons, J. S., Frith, C. D., & Burgess, P. W. (2006). Differential functions of lateral and medial rostral prefrontal cortex (area 10) revealed by brain-behavior associations. *Cereb Cortex*, 16(12), 1783-1789.
- Gilbert, S. J., Spengler, S., Simons, J. S., Steele, J. D., Lawrie, S. M., Frith, C. D., et al. (2006). Functional specialization within rostral prefrontal cortex (Area 10): A meta-analysis. *Journal of Cognitive Neuroscience*, *18*(6), 932-948.
- Jahanshahi, M., Jones, C. R., Dirnberger, G., & Frith, C. D. (2006). The substantia nigra pars compacta and temporal processing. *J Neurosci*, 26(47), 12266-12273.
- Kilner, J. M., Marchant, J. L., & Frith, C. D. (2006). Modulation of the mirror system by social relevance. *Soc Cogn Affect Neurosci*, *1*(2), 143-148.
- Pessiglione, M., Seymour, B., Flandin, G., Dolan, R. J., & Frith, C. D. (2006). Dopamine-dependent prediction errors underpin reward-seeking behaviour in humans. *Nature*, 442(7106), 1042-1045.
- Simons, J. S., Scholvinck, M. L., Gilbert, S. J., Frith, C. D., & Burgess, P. W. (2006). Differential components of prospective memory? Evidence from fMRI. *Neuropsychologia*, 44(8), 1388-1397.
- Simons, J. S., Davis, S. W., Gilbert, S. J., Frith, C. D., & Burgess, P. W. (2006). Discriminating imagined from perceived information engages brain areas implicated in schizophrenia. *Neuroimage*, *32*(2), 696-703.
- Singer, T., Seymour, B., O'Doherty, J. P., Stephan, K. E., Dolan, R. J., & Frith, C. D. (2006). Empathic neural responses are modulated by the perceived fairness of others. *Nature*, *439*(7075), 466-469.

### 2007 (13)

- Hamilton, de C. A. F., Joyce, D. W., Flanagan, J. R., Frith, C. D., & Wolpert, D. M. (2007). Kinematic cues in perceptual weight judgement and their origins in box lifting. *Psychol Res*, 71(1), 13-21.
- Frith, C. D. (2007). The social brain? *Philos Trans R Soc Lond B Biol Sci. 362*(1480), 485-488.
- Haynes, J.D., Sakai, K., Rees, G., Gilbert, S., Frith, C. & Passingham, R.E. (2007) Reading hidden intentions in the human brain. *Curr Biol.* 17(4):323-8.
- Kilner, J.M., Friston, K.J. & Frith, C.D. (2007) The mirror-neuron system: a Bayesian perspective. *Neuroreport 18* (6): 619-623

Kilner, J.M., Friston, K.J. & Frith, C.D. (2007) Predictive coding: an account of the mirror neuron system. *Cogn Process*. 8(3):159-166

Okuda, J., Fujii, T., Ohtake, H., Tsukiura, T., Yamadori, A., Frith, C.D. & Burgess, P.W. (2007) Differential involvement of regions of rostral prefrontal cortex (Brodmann area 10) in time- and event-based prospective memory. *Int J Psychophysiol*. 64(3):233-46.

Gilbert, S. J., Dumontheil, I., Simons, J. S., Frith, C.D. & Burgess PW. (2007) Comment on "Wandering minds: The default network and stimulus-independent thought". Science, 317.

Mobbs, D., Petrovic, P., Marchant, J. L., Hassabis, D, Weiskopf, N, Seymour, B, Dolan, R. J, Frith, C. D. (2007) When fear is near: Threat imminence elicits prefrontal-periaqueductal gray shifts in humans. Science, 317, 1079-1083.

Pessiglione, M., Schmidt, L., Draganski, B., Kalisch R, Lau, H, Dolan, R. J, Frith, C. D. (2007) How the brain translates money into force: A neuroimaging study of subliminal motivation. Science, 316, 904-906.

Frith, C. D., & Frith, U. (2007). Social cognition in humans. *Current Biology*, 17(16), R724-R732.

Sebanz, N., Rebbechi, D., Knoblich, G., Prinz, W., & Frith, C. D. (2007). Is it really my turn? An event-related fMRI study of task sharing. Social Neuroscience 2, 81 - 95.

Macaluso, E., Frith, C.D. & Driver, J. (2007) Delay activity and sensory-motor translation during planned eye or hand movements to visual or tactile targets. Journal of Neurophysiology 98 (5): 3081-3094.

# 2008 (11)

Sip KE, Roepstorff A, McGregor W, Frith CD. (2008) Detecting deception: the scope and limits. Trends Cogn Sci. 12(2):48-53.

Bueti D, Walsh V, Frith C, Rees G. (2008) Different brain circuits underlie motor and perceptual representations of temporal intervals. J Cogn Neurosci. 20(2):204-14.

Turner MS, Simons JS, Gilbert SJ, Frith CD, Burgess PW. (2008) Distinct roles for lateral and medial rostral prefrontal cortex in source monitoring of perceived and imagined events. Neuropsychologia. 2008

Burnett, S., Bird, G., Moll, J., Frith, C., & Blakemore, S. J. (2008). Development during Adolescence of the Neural Processing of Social Emotion. *J Cogn Neurosci*.

Frith, C. D. (2008). Social cognition. *Philos Trans R Soc Lond B Biol Sci*, *363*(1499), 2033-2039.

Frith, C. D., & Frith, U. (2008). Implicit and explicit processes in social cognition. *Neuron*, 60(3), 503-510.

Frith, C. D., & Singer, T. (2008). The role of social cognition in decision making. *Philos* 

*Trans R Soc Lond B Biol Sci, 363*(1511), 3875-3886.

Gilbert, S. J., Bird, G., Brindley, R., Frith, C. D., & Burgess, P. W. (2008). Atypical recruitment of medial prefrontal cortex in autism spectrum disorders: an fMRI study of two executive function tasks. *Neuropsychologia*, 46(9), 2281-2291.

Pessiglione, M., Petrovic, P., Daunizeau, J., Palminteri, S., Dolan, R. J., & Frith, C. D. (2008). Subliminal instrumental conditioning demonstrated in the human brain. *Neuron*, *59*(4), 561-567.

Silani, G., Bird, G., Brindley, R., Singer, T., Frith, C., & Frith, U. (2008). Levels of emotional awareness and autism: an fMRI study. *Soc Neurosci*, *3*(2), 97-112.

Sterzer, P., Frith, C., & Petrovic, P. (2008). Believing is seeing: expectations alter visual awareness. *Curr Biol*, *18*(16), R697-698.

### 2009 (13)

Fletcher, P. C., & Frith, C. D. (2009). Perceiving is believing: a Bayesian approach to explaining the positive symptoms of schizophrenia. *Nat Rev Neurosci*, 10(1), 48-58.

Kilner, J. M., Marchant, J. L., & Frith, C. D. (2009). Relationship between activity in human primary motor cortex during action observation and the mirror neuron system. *PLoS ONE*, *4*(3), e4925.

Stephan, K. E., Friston, K. J., & Frith, C. D. (2009). Dysconnection in Schizophrenia: From Abnormal Synaptic Plasticity to Failures of Self-monitoring. *Schizophr Bull.* 35(3), 509-527.

Corlett, P. R., Frith, C. D., & Fletcher, P. C. (2009). From drugs to deprivation: a Bayesian framework for understanding models of psychosis. *Psychopharmacology*, 206(4, Sp. Iss. SI), 515-530.

Cowan, R., & Frith, C. (2009). Do calendrical savants use calculation to answer date questions? A functional magnetic resonance imaging study. *Philosophical Transactions of the Royal Society B-Biological Sciences*, 364(1522), 1417-1424.

Frith, C. (2009). Role of facial expressions in social interactions. *Philosophical Transactions of the Royal Society B-Biological Sciences*, *364*(1535), 3453-3458.

Gilbert, S. J., Meuwese, J. D. I., Towgood, K. J., Frith, C. D., & Burgess, P. W. (2009). Abnormal functional specialization within medial prefrontal cortex in high-functioning autism: a multi-voxel similarity analysis. *Brain*, *132*, 869-878.

Kilner, J. M., Neal, A., Weiskopf, N., Friston, K. J., & Frith, C. D. (2009). Evidence of Mirror Neurons in Human Inferior Frontal Gyrus. *Journal of Neuroscience*, 29(32), 10153-10159.

Mobbs, D., Hassabis, D., Seymour, B., Marchant, J. L., Weiskopf, N., Dolan, R. J., et al.(2009). Choking on the Money: Reward-Based Performance Decrements Are Associated

With Midbrain Activity. *Psychological Science*, 20(8), 955-962.

Mobbs, D., Marchant, J. L., Hassabis, D., Seymour, B., Tan, G., Gray, M., et al. (2009). From Threat to Fear: The Neural Organization of Defensive Fear Systems in Humans. *Journal of Neuroscience*, 29(39), 12236-12243.

Mobbs, D., Yu, R. J., Meyer, M., Passamonti, L., Seymour, B., Calder, A. J., et al. (2009). A Key Role for Similarity in Vicarious Reward. *Science*, *324*(5929), 900-900.

Raafat, R. M., Chater, N., & Frith, C. (2009). Herding in humans (vol 13, pg 420, 2009). *Trends in Cognitive Sciences*, 13(12), 504-504.

Talmi, D., Dayan, P., Kiebel, S. J., Frith, C. D., & Dolan, R. J. (2009). How Humans Integrate the Prospects of Pain and Reward during Choice. *Journal of Neuroscience*, 29(46), 14617-14626.

### 2010

Frith, U., & Frith, C. (2010). The social brain: allowing humans to boldly go where no other species has been. *Philosophical Transactions of the Royal Society B-Biological Sciences*, *365*(1537), 165-175.

Haruno, M., & Frith, C. D. (2010). Activity in the amygdala elicited by unfair divisions predicts social value orientation. *Nature Neuroscience*, *13*(2), 160-161.

Tylen, K., Weed, E., Wallentin, M., Roepstorff, A., & Frith, C. D. (2010). Language as a Tool for Interacting Minds. *Mind & Language*, 25(1), 3-29.

Frith, C., & Frith, U. (2010). Learning from others: introduction to the special review series on social neuroscience. *Neuron*, 65(6), 739-743.

Dumontheil, I., Gilbert, S. J., Frith, C. D., & Burgess, P. W. (2010). Recruitment of lateral rostral prefrontal cortex in spontaneous and task-related thoughts. *Q J Exp Psychol (Colchester)*, 1-17.

Jahanshahi, M., Jones, C. R., Zijlmans, J., Katzenschlager, R., Lee, L., Quinn, N., et al. (2010). Dopaminergic modulation of striato-frontal connectivity during motor timing in Parkinson's disease. *Brain*, *133*(Pt 3), 727-745.

Averbeck, B. B., Kilner, J., & Frith, C. D. (2010). Neural Correlates of Sequence Learning with Stochastic Feedback. *J Cogn Neurosci*.

Chaminade T, Zecca M, Blakemore S-J, Takanishi A, Frith CD, Micera S, Dario P, Giacomo Rizzolatti G, Gallese V, Maria MA. (2010) Brain Response to a Humanoid Robot in Areas Implicated in the Perception of Human Emotional Gestures. PLoS ONE 5(7): e11577. doi:10.1371/journal.pone.0011577

Campbell-Meiklejohn DK, Bach DR, Roepstorff A, Dolan RJ, Frith CD. (2010) How the opinion of others affects our valuation of objects. Curr Biol. 20(13):1165-70.

# Chapters/Editorials

Frith, C.D. (1972) Abnormalities of Perception. In: Eysenck, H.J. (ed). Handbook of Abnormal Psychology, London, Pitman.

Frith, C.D. (1976) Strategies of rotary pursuit tracking. In: Eysenck, H.J. (eds) The Measurement of Personality. Maryland, University Park Press.

Frith, C.D. (1976) Perception. In: Eysenck, H.J. and Wilson, G.D. A Textbook of Human Psychology. Lancaster, MTP, pp 15-27.

Frith, C.D. (1978) The subjective properties of complex visual displays. In: Leeuwenberg, E. and Buffart, H. (eds) Formal psychophysical approaches to visual perception. New York, Wiley, pp. 231-246.

Gillan, P. and Frith, C.D. (1979) Male-female differences in responses to erotica. In: Love and Attraction (eds. M. Cook and G. Wilson). Pergamon Press, Oxford and New York. pp 461-464.

Frith, C.D., Johnstone, E.C., Owens, C. and McPherson, K. (1979) The Phenomenological, pharmacological and psychophysiological characteristics of neurotic out-patients to whom no diagnosis has been applied. In: Saletu, B. and others (eds.) Neuro-psychopharmacology. Oxford, Pergamon Press, pp. 473-477.

Frith, U. and Frith, C.D. (1980) Relationships between reading and spelling. In: Kavanagh, J.F. and Venetzky, R.L. (eds.), Orthography, reading and dyslexia. University Park Press, Baltimore, pp. 287-296.

Deakin, J.F.W., Crow, T.J., Johnstone, E.C., Frith, C.D., Lawler, P. Macmillan, J.F., McPherson, K., Owens, D.G.C., Price, J.S. and Stevens, M. (1981) A trial of real versus simulated electroconvulsive therapy in 70 depressed patients. In: Mendelwicz, J. and van Praag, H.M. (eds.) Advances in biological psychiatry, Vol. 7. Basel, Karger, pp. 187-197.

Frith, C.D. (1981) Schizophrenia: An abnormality of consciousness. In: Underwood, G. and Stevens, R. Aspects of Consciousness, Volume 2: Structural Issues. Academic Press, London, pp. 149-168.

Crow, T.J., Frith, C.D., Johnstone, E.C. and Owens, D.G.C. (1981) The influence of anticholinergic medication on the extrapyramidal and antipsychotic effects of neuroleptic drugs in the treatment of acute schizophrenia. In: Perris, C. and others (eds.) Biological Psychiatry, 1981. Amsterdam, Elsevier/North Holland, pp. 790-792.

Frith, C.D. and Weinman, J.A. (1983) Perception and Attention. In: Weller, M. The Scientific Basis of Psychiatry. Bailliere Tindall, London, pp. 293-311.

Done, D.J. and Frith, C.D. (1984) Automatic and strategic control of eye movements in schizophrenia. In: Gale, A.G. and Johnson, F. (Eds) Theoretical and applied aspects of eye movement research. Amsterdam, Elsevier, 481-487.

- Frith, C.D., Johnstone, E.C., Joseph, M.H., Powell, R.J. and Watts, R.W.E. (1985) Double-blind clinical trial of 5-hydroxytryptophan in a case of Lesch-Nyhan syndrome. In: Murphy, G. and Wilson, B. (eds) Self-Injurious Behaviour: a collection of published papers on prevalence, causes and treatment of people who are mentally handicapped or autistic. Kidderminster, British Institute of Mental Handicap, 274-281.
- Frith, C.D., Gamble, S. and Joseph, M.H. (1986) Data collection and analysis. In: Joseph, M.H. and Waddington, J.K. (eds) Working Methods in Neuropsychopharmacology. Manchester University Press.
- Frith, C.D. (1988) The pharmacology of memory impairment. In: P.E. Bebbington and R. Jacoby (Eds) Psychiatric disorders in the Elderly: London, Mental Health Foundation.
- Frith, C.D. and Done, D.J. (1990) Stereotyped behaviour in madness and in health. In: Cooper, S.J. and Doorish, C.T. (Eds.) The Neurobiology of Behavioural Stereotypy. Oxford: OUP.
- Frith, C.D., Frith, U. (1991) Elective affinities in schizophrenia and childhood autism. In; P. E. Bebbington (ed.) Social Psychiatry: Theory, Methodology and Practice. Transactions Publishers, New Brunswick, New Jersey, pp.65-88
- Frith, C.D. (1991) Schizophrenia, Second Order representation and the Brain. In C. Eggers (Ed.) Schizophrenia and Youth: Etiology and Therapeutic Consequences. Berlin: Springer, pp 80-87.
- Frith, C.D. (1991) Has neurochemistry told us anything about human memory? In: Weinman, J & Hunter, J (Eds) Memory: Neurochemical and Abnormal Perspectives. Harwood: Chur.
- Frith, C.D. (1991) Positron emission tomography studies of frontal lobe function: relevance to psychiatric disease. In: Exploring brain functional anatomy with positron tomography. Wiley, Chichester (Ciba Foundation Symposium 163) p181-197.
- Zahn, T.P., Frith, C.D. & Steinhauer, S.R. (1991) Autonomic functioning in schizophrenia: electrodermal activity, heart rate, pupillography. In: Steinhauer, S.R., Gruzelier, J.H. & Zubin, J. (eds.) Handbook of Schizophrenia, vol.5, Neuropsychology, Psychophysiology and Information Processing. Elsevier, Amsterdam.
- Frith, C.D. (1991) Mental structure in the psychoses: The only hope for a neuropsychology of schizophrenia. Behavioural & Brain Sciences, 14, 448.
- Frith, C.D. (1992) Consciousness, information processing and the brain. Journal of Psychopharmacology, 6, 436-440.
- Frith, C.D., Friston, K.J., Liddle, P.F. & Frackowiak, R.S.J. (1992) PET imaging and cognition in schizophrenia. Journal of the Royal Society of Medicine, 85, 222-224.
- Liddle, P.F., Friston, K.J., Frith, C.D.& Frackowiak, R.S.J. (1992) Cerebral blood flow and mental processes in schizophrenia. Journal of the Royal Society of Medicine, 85, 224-226.

Corcoran, R. & Frith, C.D. (1993) Neuropsychology and neurophysiology in schizophrenia. Current Opinion in Psychiatry, 6, 74-79.

Frith, C.D., Friston, K.J. & Frackowiak. (1993) Statistical analysis of complex images: experiences with positron emission tomography. In: Holder, D. (ed.) Clinical and physiological applications of electrical impedance tomography. London: UCL Press.

Frith, C.D. & Cahill, C. (1994) Psychotic disorders: schizophrenia, affective psychoses, and paranoia. In: Colman, A. (ed.) Companion Encyclopedia of Psychology. London: Routledge, 897-917.

Frith, C.D. (1994) Theory of mind in schizophrenia. In: David, A. & Cutting, J. (eds.) The Neuropsychology of Schizophrenia. Hove: Lawrence Erlbaum Asociates, 147-162.

Cahill, C. & Frith, C.D. (1995) Memory following Electroconvulsive Therapy. In: A.D.Baddeley, B.A.Wilson & F.N.Watts. (Eds) Handbook of Memory Disorders. Wiley, Chichester, pp 319-335.

Frith, C.D. (1995) The signs and symptoms of schizophrenia: Mapping cognitive abnormalities onto brain function. In: R.Fog, J.Gerlach, R.Hemmingsen. (Eds) Alfred Benzon Symposium 38. Munksgaard, Copenhagen, pp 223-232.

Frith, C.D. & Grasby, P.M. (1995) rCBF studies of prefrontal cortex and their relevance to psychosis. In: F. Boller & J. Grafman (eds.) Handbook of Neuropsychology, Vol. 10. Elsevier, Amsterdam, pp 383-404.

Fletcher, P.C., Dolan, R.J. & Frith, C.D. (1995) The functional anatomy of memory. Experientia, 51, 1197-1207.

Frith, C.D. (1995) Consciousness is for other people. Behavioural and Brain Sciences, 18, 682-683.

Frith, C.D. & Dolan, R.J. (1995) Brain imaging the psychoses. Behavioural and Brain Sciences, 18, 346-347.

Bottini, G., Paulesu, E., Frith, C.D. & Frackowiak, R.S.J. (1996) Functional anatomy of the human vestibular cortex. In: M. Collard, M. Jeannerod, M. & Y. Christen (eds.) Le Cortex Vestibulaire. Paris: Irvinn.

Frith, C.D. (1996) Cognitive Neuropsychology. Journal of Mental Health, 5, 3-7.

Frith, C.D. (1996) Vers une Géographie de la Schizophrenie. La Recherche, 289 (July/August) 108-113.

Frith, C.D. & Frith, U. (1996) A biological marker for dyslexia. Nature (news and views) 382, 19-20.

Frith, C.D. (1996) Neuropsychology of schizophrenia. British Medical Bulletin, 52, 618-626.

- Frith, C.D. (1996) Commentary on 'Free will in the light of Neuropsychiatry'. Philosophy, Psychiatry & Psychology, 3, 91-94.
- Frith, C.D. (1996) Hacia una Geographía de la Esquizofrenia. Mundo Cientifico, 172 (Octubre) 868-873.
- Frith, C.D. (1996) Language and communication in schizophrenia. In: France, J. & Muir, N. (Eds.) Communication and the mentally ill patient. London: Jessica Kingsley.
- Cahill, C. & Frith, C.D. (1996) A cognitive basis for the signs and symptoms of schizophrenia. In: Pantelis, C., Nelson, H.E. & Barnes, T.R.E. (eds.) The Neuropsychology of Schizophrenia. Chichester: Wiley (pp. 373-395).
- Cahill, C. & Frith, C.D. (1996) False Perceptions or false beliefs? Hallucinations and delusions in schizophrenia. In: Methods in Madness. P.W.Halligan & J.C.Marshall (eds.) Psychology press; Hove (pp. 267-291).
- Friston KJ, Herold S, Fletcher P, Silbersweig DA, Cahill, C., Dolan, RJ, Liddle PF, Frackowiak, RSJ & Frith CD. (1996) Abnormal fronto-temporal interaction in schizophrenia. In SJ Watson (Ed.) Biology of schizophrenia and affective disorders. Washington: American Psychiatric Press, pp. 421-449.
- Frith, C.D. (1997) Functional brain imaging and the Neuropathology of Schizophrenia (commentary). Schizophrenia Bulletin, 23, 525-527.
- Frith, C.D. & Friston, K.J. (1997) Studying brain function with neuroimaging. In: M.D.Rugg (ed) Cognitive Neuroscience. Hove: Psychology Press, pp. 169-195.
- Frith, C.D. & Paulesu, E. (1997) The physiological basis of synaesthesia. In: S Baron-Cohen & JE Harrison (Eds.) Synaesthesia: Classic and Contemporary Readings. Oxford: Blackwell, pp. 123-147.
- Frith, C.D. & Dolan, R.J. (1998) Images of Psychopathology. Current Opinion in Neurobiology, 8, 259-262.
- Frith, C.D., Rees, G. & Friston, K.J. (1998) Psychosis and the experience of self: Brain systems underlying self-monitoring. In: RM Bilder & FF LeFever (Eds.) Neuroscience of the mind on the centennial of Freud's Project for a Scientific Psychology. Annals of the New York Academy of Sciences, Vol. 843, 170-178.
- Frith, C.D. (1998) Deficits and Pathologies. In: Bechtel, A. & Graham, G. (Eds.) A Companion to Cognitive Science. Oxford: Blackwell, pp.380-390.
- Frith, U. & Frith, C.D. (1998) Modularity of mind and phonological deficit. In: C. von Euler I. Lundberg & R. Llinás (eds.) Basic Mechanisms in cognition and language. Wenner-Gren International Series, Vol 70. Oxford: Elsevier. pp 3-17.
- Frith, C.D. (1999) How hallucinations make themselves heard. (Preview of Dierks et al.) Neuron, 22, 414-415.

- Frith, C.D. (1999) Imagerie cérébrale et maladies psychiatriques (schizophrénie). Médecine/Sciences, 15, 483-489.
- Frith, C.D. (1999) What are we trying to explain: Commentary on Laws. Cognitive Neuropsychiatry, 4, 31-32.
- Frith, C.D. (1999) Commentary on Garety & Freeman: 'Cognitive approaches to delusions A critical review of theories and evidence' British Journal of Clinical Psychology, 38, 319-321.
- Frith, C.D. & Dolan, R.J. (2000) The Role of Memory in the Delusions associated with Schizophrenia In: Schacter, D.L. & Scarry, E. (Eds.) Memory, Brain, and Belief. Cambridge, MA: Harvard University Press, pp 115-138.
- Frith, C.D. & Frith, U. (2000) The physiological basis of theory of mind: Functional neuroimaging studies. In: Baron-Cohen, S., Tager-Flusberg, H. & Cohen, D.J. (eds) Understanding other minds: Perspectives from developmental cognitive neuroscience (2nd ed). Oxford: Oxford University Press, pp 334-356.
- Blakemore, S-J., Wolpert, D. & Frith, C. (2000) Why can't you tickle yourself? NeuroReport, 11,
- Frith, C.D. (2000) The role of dorsolateral prefrontal cortex in the selection of action as revealed by functional imaging. In: Monsell, S. & Driver, J. (Eds.) Control of cognitive processes. Attention and Performance XV111. Cambridge, MA: The MIT Press, pp 549-565.
- Driver, J. & Frith, C.D. (2000) Shifting baselines in attention research. Nature Reviews: Neuroscience, 1, 2, 147-148.
- Frith, C.D. & Blakemore, S-J. (2001) Schizophrenia: Neuroscience perspective. In: N. J. Smelser and Paul B. Baltes (editors) International Encyclopedia of the Social & Behavioral Sciences. Pergamon, Oxford, 13543-13546.
- Rees, G. & Frith, C.D. (2001) Neural correlates of consciousness are not pictorial representations. Behavioral and Brain Sciences, 24 (5), 999.
- Blakemore, S-J., Wolpert, D.M. & Frith, C.D. (2002) Abnormalities in the awareness of action. Trends in Cognitive Science, 6, 237-242.
- Frith, C.D. & Gallagher, S. (2002) Models of the pathological mind Journal of Consciousness Studies, 9, 57-80.
- Frith, C.D. (2002) How can we share experiences? Trends in Cognitive Sciences, 6 (9), 374 [comment on Jack & Roepstorff]
- Frith, C.D. (2003) What do imaging studies tell us about the neural basis of autism? In: G Bock & J Goode (Eds.) Autism: neural basis and treatment possibilities. Wiley, Chichester (Novartis Foundation Symposium 251) pp 149-176.

Frith C, Hite S, Holland O, et al. Sex, brains, robots and Buddhism: looking for free will. NEW SCI 178 (2394): 46-49 MAY 10 2003

Sebanz, N, & Frith, C.D. (2004) Beyond simulation? Neural mechanisms for predicting the actions of others. Nature Neuroscience (news and views), 7(1), 5-6.

Frith, C.D., Rees, G., Macaluso, E. & Blakemore, S.-J. (2004) Mechanisms of attention. Chapter 15 in: Frackowiak, R.S.J., Friston, K.J., Frith, C.D., Dolan, R.J., Price, C.J., Zeki, S., Ashburner, J. & Penny W. (Eds.) Human Brain Function 2nd edition. Academic Press, San Diego, pp. 245-268.

Portas, C., Maquet, P., Rees, G., Blakemore, S. & Frith, C.D. (2004) The neural correlates of consciousness. Chapter 16 in: Frackowiak, R.S.J., Friston, K.J., Frith, C.D., Dolan, R.J., Price, C.J., Zeki, S., Ashburner, J. & Penny W. (Eds.) Human Brain Function 2nd edition. Academic Press, San Diego, pp. 269-301.

Frith, C., Gallagher, H. & Maguire, E. (2004) Mechanisms of control. Chapter 18 in: Frackowiak, R.S.J., Friston, K.J., Frith, C.D., Dolan, R.J., Price, C.J., Zeki, S., Ashburner, J. & Penny W. (Eds.) Human Brain Function 2nd edition. Academic Press, San Diego, pp. 329-362.

Hohwy J, Frith C. (2004) The neural correlates of consciousness: Room for improvement, but on the right track. Journal of Consciousness Studies 11 (1): 45-51.

Frith C (2004) The pathology of experience. Brain 127: 239-242.

Frith C. (2004) Comments on Shaun Gallagher: "Neurocognitive Models of Schizophrenia: A Neurophenomenological Critique". Psychopathology, 37(1):20-22.

Frith, C.D. (2004) Schizophrenia and theory of mind: Editorial. Psychological Medicine, 34, 385-389.

Frith, C.D. (2004) Is autism a disconnection syndrome? *Reflection and Reaction*, Lancet, 3, 577.

Schultz, J., Sebanz, N. & Frith, C. (2004) Conscious will in the absence of ghosts, hypnotists, and other people. Behavioural and Brain Sciences 27:5, 674-675.

Frith, C.D. (2004) Social interaction, schizophrenia and the brain (Interview by Lars Tjelta Westlye & Thomas Weinholdt). Impuls, 3, 73-77.

Frith, C.D. (2005) The neural basis of hallucinations and delusions. Comptes Rendus Biologies 328, 2, 169-175.

Frith, C.D. (2005) The Top in Top-Down Attention. In: L. Itti, G. Rees and J. K. Tsotsos (Eds.). Neurobiology of Attention: San Diego, CA, Elsevier, pp 105-108.

Frith C, Frith U. (2005) Theory of mind. Curr Biol. 15(17): R644-6.

Singer T, Frith C. (2005) The painful side of empathy. Nat Neurosci. 8(7):845-6.

Frith, C. (2006) Interpersonal factors in the disorders of volition associated with schizophrenia. In: N Sebanz & W Prinz (eds) Disorders of Volition: Bradford Book, MIT press, Cambridge, Mass, pp 233-247.

Frith, C. D. (2006). The value of brain imaging in the study of development and its disorders. *J Child Psychol Psychiatry*, 47(10), 979-982.

Frith, C. D., & Frith, U. (2006). The neural basis of mentalizing. Neuron, 50(4), 531-534.

Frith, C. D., & Lau, H. C. (2006). The problem of introspection. Conscious Cogn.

Frith, C. & Rees, G. (2007) A brief history of the scientific approach to the study of consciousness. In: M Velman & S Schneider (eds) The Blackwell Companion to Consciousness. Blackwell Publishing, Oxford, pp 9-22.

Rees, G. & Frith, C. (2007) Methodologies for identifying the neural correlates of consciousness. In: M Velman & S Schneider (eds) The Blackwell Companion to Consciousness. Blackwell Publishing, Oxford, pp 553-566.

Talmi, D. & Frith, C. (2007) Neurobiology - Feeling right about doing right. *Nature 446* (7138): 865-866

Emery, N.J., Clayton, N.S. & Frith, C.D. (2007) Introduction. Social intelligence: from brain to culture. *Philosophical Transactions of the Royal Society B-Biological Sciences 362* (1480): 485-488

Kilner, J.M. & Frith, C.D. (2007) A possible role for primary motor cortex during action observation. *Proc Natl Acad Sci U S A. 104*(21):8683-4.

Mobbs, D., Lau, H.C., Jones, O.D. & Frith, C.D. (2007) Law, Responsibility, and the Brain. *PLoS Biol.* 5(4)

Frith C. (2008) Editorial: In praise of cognitive neuropsychiatry. Cognit Neuropsychiatry. 13(1):1-7.

Kilner JM, Frith CD. (2008) Action observation: inferring intentions without mirror neurons. Curr Biol. 18(1):R32-3.

Frith CD, Frith U. (2008) The self and its reputation in autism. Neuron. 57(3):331-2.

Renfrew C, Frith C, Malafouris L. (2008) Introduction. The sapient mind: archaeology meets neuroscience. Philos Trans R Soc Lond B Biol Sci. 2008 Feb 21

Sip KE, Roepstorff A, McGregor W, Frith CD. (2008) Response to Haynes: There's more to deception than brain activity. Trends Cogn Sci. 2008 Feb 26

Wallentin, M., & Frith, C. D. (2008). Language is shaped for social interactions, as well as by the brain. *Behav Brain Sci*, *31*(5), 536-537.

Vuust, P., & Frith, C. D. (2008). Anticipation is the key to understanding music and the effects of music on emotion. *Behav Brain Sci*, *31*(5), 599-600.

Frith, C. D. (2008). Social cognition: hi there! here's something interesting. *Curr Biol*, *18*(12), R524-525.

Frith, C. D. (2009). Free Will and Top-Down Control in the Brain. In N. Murphy, G. Ellis, F,R. & T. O'Connor (Eds.), *Downward Causation and the Neurobiology of Free Will* (pp. 199-209). Berlin: Springer.

Zinck, A., Lodahl, S., & Frith, C. D. (2009). Making a case for introspection. *Behavioral and Brain Sciences*, 32(2), 163.

Mobbs, D., Lau, H. C., Jones, O. D., & Frith, C. D. (2009). Law, Responsibility, and the Brain. In N. Murphy, G. F. R. Ellis & T. O'Connor (Eds.), *Downward Causation and the Neurobiology of Free Will* (pp. 243-260). Berlin: Springer-Verlag.

#### **Books Reviewed**

Research design in clinical psychology and psychiatry, J B Chassan, 1972. Behaviour Research & Therapy.

Introduction to human memory, Vernon H Greg, 1986, British Journal of Social and Clinical Psychiatry

Neuropsychological assessment of neuropsychiatric disorders, I Grant & K M Adams, 1986. Lancet

A handbook of clinical adult psychiatry, S Lindsay & G Powell, 1987. Lancet

Neuropsychological rehabilitation, M J Meier, A L Benton & L Diller (eds.) 1987. British Journal of Psychiatry.

Adult Abnormal Psychiatry, E Miller & P J Cooper (eds) 1988. British Journal of Psychiatry

From Neuropsychology to mental structure, T Shallice, 1988. British Journal of Psychiatry.

Sampling normal and abnormal experience, R T Hurlburt, 1990. Perception

The neuropsychology of consciousness, A D Milner & M D Rugg (eds) 1992. Brain

Localisation and neuroimaging in neuropsychology, A Kertesz (ed), 1994. Brain

Functional neuroimaging: technical foundations, R W Thatcher et al (eds), 1994. Localisation and neuroimaging in neuropsychology, A Kertesz (ed), 1994. Images of Mind, M Posner & M Raichle, 1994. British Journal of Psychology

Descartes' error: emotion, reason and the human brain, A R Damasio, 1994. Perception.

The cognitive neurosciences, M S Gazzaniga (ed), 1994. Times Higher Education Supplement.

The quest for consciousness: A neurobiological approach, C Koch, 2005, American Journal of Psychiatry 162 (2): 407-407

## **Public Understanding of Science**

3rd March, 1994; BBC Radio 3, Blue Skies, origin of schizophrenic voices

24th April, 1995; BBC2, Horizon, "Hearing Voices"

25th April, 1995: BBC2, QED, "I'm not stupid" (Asperger's syndrome)

24th January, 1996: BBC Radio 4, Flash points (brain imaging)

1st April, 1996: Marie Claire Health & Beauty, Are you suffering from memory overload?

July, 1996: Excerpta Medica, Current Approached to Psychoses, Hallucinations - visualizing the inner voice.

1st December, 1996; Sunday Times Colour Magazine, The Search for the Soul.

4th September, 1997; The Guardian, The Life of Brain.

1998: Rita Carter, Mapping the Mind, Weidenfeld & Nicholson, London C D Frith, Consultant Short listed for Rhone-Poulenc Science prize, 1999

20th January, 1999; BBC Radio 4 science, Frontiers - out of sight ...into mind.

November 1999, ScienceWatch, 10 (6), listed as 29 out 0f 30 'Citation Superstars of the UK, 1990-99', Biomedical Sciences (6515 citations).

23rd August, 2000. Science Museum, Summer Holiday Events, Lecture on 'Brain basics' (with Sarah-Jayne Blakemore)

8th - 12th September, 2000. Presidential address and chair of 3 seminars, BA Festival 2000, 'Creating Sparks', South Kensington.

5th September, 2001, BAAS Glasgow, symposium organizer "The constraints of culture"

15th February, 2002, AAAS Boston, symposium organizer and speaker "The biology of consciousness"

23rd April, 2003, Speaker, New Scientist Debate on Free Will, Royal Society of Arts.

18th March, 2004, Speaker, IgNobel Tour, Brain Awareness Week.

28<sup>th</sup> October 2005, Chair and co-organiser: Royal Institution meeting on Empathy & Fairness (public part of Novartis meeting).

18<sup>th</sup> June 2006, Channel 4

Documentary "Voices in my head" by David Malone, Elite Television.

20th September – 23rd November 2006

Aura Satz, "I Am Anagram": An anagrammatical reconfiguration of phantom limb pain alleviation, mirror boxes, magic, a séance, a ouija board, an exquisite corpse and Hans Bellmer. Devised under the guidance of neuroscientists Prof. Chris Frith and Prof. Jonathan Cole, in collaboration with illusionist Scott Penrose. On show at the Whitechapel Gallery, London, UK, as part of the Hans Bellmer - Pierre Klossowski exhibition

23<sup>rd</sup> September, 2006 – 21<sup>st</sup> January, 2007 Lindsay Seers, "The Truth Was Always There", (contributor) at The Collection, Lincoln.

8<sup>th</sup> June, 2007, Cheltenham Science Festival.

"Does the Brain make up the Mind", debate between Chris Frith & Raymond Tallis.

Scientific Café, "Is it possible to condition the mind of a killer?" Debate with Chris Frith, Kathleen Taylor, Kathy Sykes.

10<sup>th</sup> September, 2007, British Association Festival of Science, York Speaker in symposium "Mysteries of Consciousness" Live interview, 'Drive Time' Radio York

Frith, C. (2007) Hands up if you think you've got free will. New Scientist 195, 46-47

Frith, C. (2007) Nervous free will - Reply. New Scientist 195, 24-24

Scientific Adviser, BBC 2 series on alternative medicine, 2008. March 17<sup>th</sup>, Hypnotherapy; March 24<sup>st</sup>, Reflexology; March 31st, Meditation

1<sup>st</sup> March, 2008, Brighton Science Festival, Main Stage Talk, "Making up the Mind".

"Zum Irren Geboren". Interview with Steve Ayan in Gehirn & Geist, April, 2008, pp 42-44.

Institute for Cultural Research, "Making up the Mind: How the brain creates our mental and social worlds", 15<sup>th</sup> November, 2008.

Frith, C. (2008) Don't think about it. New Scientist 199, 77-77.

"Making up the Mind: How the Brain creates our Mental and Social Worlds", Dana Centre, March 18th, 2009

"What is consciousness for?", Cambridge Science Festival, 18<sup>th</sup> March, 2009

Frith, C. (2009). Think hard. New Scientist, 202(2703), 65-65.

Frith, C. (2009). Making up the mind. *Psychologist*, 22(10), 842-845.

Roepstorff, A., Frith, C., & Frith, U. (2009). How our brains build social worlds. *New Scientist*, 204(2737), 32-33.

Night Waves (BBC Radio 3): Year of Science 2010, interview with Chris & Uta Frith