

Present Appointment: Professor in Psychiatry and Clinical and Translational Science, Director of the Mood and Brain Laboratory, Clinical Affective and Translational Neuroscience Program, Department of Psychiatry
University of Pittsburgh School of Medicine
Western Psychiatric Institute and Clinic

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Education and Training

Undergraduate:

1983 - 1986 B.A., Medical Sciences and Zoology, Cambridge University, United Kingdom

Graduate:

1986 - 1987 MSc, Neuroscience, Keele University, Staffordshire, UK

1987 - 1989 MBBChir (US MD Equiv), Cambridge University, School of Clinical Medicine, Addenbrooke's Hospital, Cambridge, UK

July, 2000 Doctorate of Medicine (MD (Cantab)) (PhD equivalent), Cambridge University, UK

Post Graduate:

1990-1990 House Physician, (Medical Intern Equiv), Addenbrooke's Hospital, Cambridge, UK

8/1/90-1/31/91 House Surgeon (surgical Intern), Norfolk and Norwich Hospital, Norwich, UK

2/1/91-7/31/91 House Senior Officer (Neurology Resident), The Midland Centre for Neurosurgery and Neurology, Birmingham, England

10/1/91-9/30/92 Senior House Officer in Psychiatry (Psychiatry Resident), The Maudsley Hospital, London, England.

10/1/92-6/30/94 Registrar in Psychiatry (Psychiatry Resident), The Maudsley Hospital, London, England.

07/1/94-6/30/97 MRC Clinical Training, Fellow (K award equivalent), and Honorary Senior Registrar in Psychiatry, Institute of Psychiatry, London, England.

Appointments and Positions

7/1/97-7/31/98 Lecturer (Assistant Professor Equivalent), Department of Psychological Medicine, Institute of Psychiatry, London, England.

8/1/98-6/30/00 Honorary Senior Lecturer and Consultant Psychiatrist (Associate Professor Equivalent), Department of Psychological Medicine, Institute of Psychiatry, London, England.

- 7/1/00-7/31/03 Clinical Senior Lecturer and Consultant Psychiatrist, Head of Section of Neuroscience and Emotion (Associate Professor Equivalent), Institute of Psychiatry, GTK School of Medicine, Division of Psychological Medicine, Kings College, London, England.
- 8/1/03-6/30/05 Professor of Neuroscience and Emotion, Head of Section of Neuroscience and Emotion (Full Professor Equivalent.), Institute of Psychiatry and GKT School of Medicine Division of Psychological Medicine, Kings College, London, England.
- 10/1/04-6/30/05 Visiting Professor (30% time), Director of Functional Neuroimaging Program, Department of Psychiatry, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA.
- 7/1/05-3/31/06 Visiting Professor (100% time), Director of Functional Neuroimaging Program, Department of Psychiatry, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA.
- 7/1/05-12/31/07 Adjunct Professor of Neuroscience Emotion and Head of Section of Neuroscience and Emotion, Institute of Psychiatry and GKT School of Medicine, Division of Psychological Medicine, Kings College, London, England.
- 4/1/06-Present Professor, Director of Functional Neuroimaging Program, Department of Psychiatry, University of Pittsburgh School of Medicine, University of Pittsburgh, Pittsburgh, PA, USA.
- 4/1/06- 06/30/09 Co-Director, Brain Imaging Research Center (BIRC), Carnegie Mellon University and University of Pittsburgh, Pittsburgh, PA, USA.
- 1/1/08-11/30/13 Consultant, Department of Psychological Medicine, University of Cardiff, Cardiff, UK

Certification and Licensure

- 1990 General Medical Council, UK Certificate 3431904
- 1994 Membership of the Royal College of Psychiatrists (MRCPsych), Royal College of Psychiatrists (US Psychiatry Board equiv.)
- 1997 Certificate of completion of Specialist Training (CCST) (This allows progression to Clinical Consultant, Royal College of Psychiatrists, UK
- 2006 Commonwealth of Pennsylvania Department of State License MD428899

Memberships in Professional and Scientific Societies

- 1989 Medical Defense Union
- 1994 Royal College of Psychiatrists
- 1994 British Neuropsychiatry Association
- 1995 British Neuropsychology Association
- 1996 Society of Biological Psychiatry
- 1999 International Society for Neuroimaging in Psychiatry
- 2000 Society of Experimental Psychology
- 2001 The International Society for Bipolar Disorders
- 2004 European College of Neuropsychopharmacology
- 2004 British Association of Psychopharmacology
- 2005 American College of Neuropsychopharmacology

Awards & Honors

1986	North Staffordshire Multiple Sclerosis Research Trust Scholarship, University of Keele.
1988	CHIA TSIO Scholarship, Downing College, Cambridge University.
1994	Young Investigator Award, Seventh Winter Workshop on Schizophrenia Research
1995	British-German Academic Research Collaboration (ARC; British Council) Travel Award
1995	Travel Award. Fifth International Congress on Schizophrenia Research, Guarantors of <i>Brain</i>
1996	Young Investigator Award, Eighth Winter Workshop on Schizophrenia
1997	Travel Award, Sixth International Congress on Schizophrenia Research. Guarantors of <i>Brain</i>
1998	Young Scientist Award, Ninth Winter Workshop on Schizophrenia Research
1999	Young Investigator Award, Seventh International Congress on Schizophrenia Research
2002	Senior Scientist Award, Eleventh Winter Workshop on Schizophrenia Research
2004	American College of Neuropsychopharmacology Memorial Travel Award
2004	Two of the top ten cited 2003 articles for <i>Biological Psychiatry</i> (peer-reviewed review articles #11,12)
2005	Elected Member, American College of Neuropsychopharmacology
2006	Awarded NARSAD Nellie Blumenthal Investigator 2006
2006	Visiting Professorship, School of Life and Health Sciences, University of Aston, UK
2007	Awarded NARSAD Nellie Blumenthal Investigator 2007
2008	Top 10 Reviewers for <i>Biological Psychiatry</i>
2009	Prize for Outstanding Mentor, Department of Psychiatry, University of Pittsburgh.
2010	Top 10 Reviewers for <i>Biological Psychiatry</i>
2011	One of the most highly cited 2010 original articles for <i>Biological Psychiatry</i> (peer-reviewed article #103).
2011	Fellow of the American College of Neuropsychopharmacology
2012	Top 10 Reviewers for <i>Biological Psychiatry</i>

Publications - Refereed Articles

1. **Phillips ML**, Foster DH, Honan WP, Edgar GK, Heron JR. Optic neuritis: Differential losses of luminance and chromatic function near a scotoma. *Brain*. 1994 Aug; 117:767-773.
2. **Phillips ML**, Woodruff PWR, David AS. Stroop interference and facilitation in the cerebral hemispheres in schizophrenia. *Schizophr Res*. 1996 May; 20(1-2):57-68.
3. **Phillips ML**, Howard R, David AS. "Mirror mirror on the wall who...?": Towards a model of visual self-recognition." *Cogn Neuropsychiatry*. 1996 May 1; 1(2):153-164.

4. **Phillips ML**, David AS. Visual scan paths are abnormal in deluded schizophrenics. *Neuropsychologia* 1997 Jan; 35(1):99-105.
5. Woodruff PWR, **Phillips ML**, Rushe T, Wright IC, Murray RM, David AS. Corpus callosum size and inter-hemispheric function in schizophrenia. *Schizophr Res.* 1997 Feb 28; 23:189-196.
6. **Phillips ML**, Howard R, David AS. A cognitive neuropsychological approach to the study of delusions in late-onset schizophrenia. *Int J Geriatr Psychiatry.* 1997 Sep; 12 (9):892-901.
7. **Phillips ML**, Young AW, Senior C, Brammer M, Andrew C, Calder AJ, Bullmore ET, Perrett DI, Rowland D, Williams SCR, Gray JA, David AS. A specific neural substrate for perceiving facial expressions of disgust. *Nature.* 1997 Oct 2; 389(6650):495-498.
8. **Phillips ML**, David AS. Viewing strategies for simple and chimeric faces: An investigation of perceptual bias in normals and schizophrenic patients using visual scan paths. *Brain Cogn.* 1997 Nov; 35(2):225-238.
9. **Phillips ML**, David AS. Abnormal visual scan paths: a psychophysiological marker of delusions in schizophrenia. *Schizophrenia Res.* 1998 Feb 9; 29(3):235-245.
10. **Phillips ML**, Bullmore ET, Howard R, Woodruff PWR, Wright IC, Williams SC, Simmons A, Andrew C, Brammer M, David AS. Investigation of facial recognition memory and happy and sad facial expression perception: An fMRI study. *Psychiatry Res* 1998 Sep 28; 83(3):127-138.
11. **Phillips ML**, Young AW, Scott SK, Calder AJ, Andrew C, Giampietro V, Williams SC, Bullmore ET, Brammer M, Gray JA. Neural responses to facial and vocal expressions of fear and disgust. *Proc Bio Sci.* 1998 Oct 7; 265(1408):1809-17.
12. Senior C, **Phillips ML**, Barnes J, David AS. An Investigation into the perception of dominance from schematic faces: A study using the World-Wide Web. *Behav Res Methods Instrum Comput.* 1999 May; 31(2):341-346.
13. Senior C, Barnes J, Jenkins R, Landau S, **Phillips ML**, David AS. Attribution of social dominance and maleness to schematic faces. *Social Behavior and Personality.* 1999; 27(4):331-338.
14. **Phillips ML**, Williams L, Senior C, Bullmore ET, Brammer MJ, Andrew C, Williams SC, David AS. A differential neural response to threatening and non-threatening negative facial expressions in paranoid and non-paranoid schizophrenics. *Psychiatry Res.* 1999 Nov 8; 92(1):11-31.
15. **Phillips ML**, Senior C, David AS. Perception of threat in schizophrenics with persecutory delusions: An investigation using visual scan paths. *Psychol Med.* 2000 Jan; 30(1):157-167.
16. Freeman D, Garety PA, **Phillips ML**. An examination of hypervigilance for external threat in individuals with generalized anxiety disorder and individuals with persecutory delusions using visual scan paths. *Q J Exp Psychol.* 2000 May; 53(2):549-567.
17. **Phillips ML**, Marks IM, Senior C, Lythgoe D, O'Dwyer AM, Meehan O, Williams SC, Brammer MJ, Bullmore ET, McGuire PK. A differential neural response in obsessive-compulsive patients with washing compared with checking symptoms to disgust. *Psychol Med.* 2000 Sep; 30(5):1037-1050.
18. Critchley HD, Daly EM, **Phillips ML**, Brammer MJ, Bullmore ET, Williams SC, Van Amelsvoort T, Robertson D, David A, Murphy DGM. Explicit and implicit neural mechanisms for processing of social information from facial expressions: A functional magnetic resonance imaging study. *Human Brain Mapping.* 2000; 9:93-105.
19. Kircher TT, Senior C, **Phillips ML**, Benson PJ, Bullmore ET, Brammer M, Simmons A, Williams SC, Bartels M, David AS. Towards a functional neuroanatomy of self-processing: Effects of faces and words. *Cog Brain Res.* 2000 Sep; 10(1-2):133-144.
20. Critchley HD, Daly EM, Bullmore ET, Williams SC, Van Amelsvoort T, Robertson DM, Rowe A, **Phillips ML**, McAlonan G, Howlin P, Murphy DGM. The functional neuroanatomy of social behaviour: Changes in cerebral blood flow when people with autistic disorder process facial expressions. *Brain.* 2000; 123:2203-2212.

21. Kircher TT, Senior C, **Phillips ML**, Rabe-Hesketh S, Benson PJ, Bullmore ET, Brammer M, Simmons A, Bartles M, David AS. Recognizing one's own face. *Cognition*. 2001 Jan; 78(1):B1-B15.
22. Lambert MV, Senior C, Fewtrell WD, **Phillips ML**, David AS. Primary and secondary depersonalization disorder: A psychometric study. *J Affect Disord*. 2001 Mar; 63(1-3):249-256.
23. **Phillips ML**, Medford N, Young AW, Williams L, Williams SC, Bullmore ET, Gray JA, Brammer MJ. Time courses of left and right amygdalar responses to fearful facial expressions. *Hum Brain Mapp*. 2001 Apr; 12(4):193-202.
24. Lambert MV, Senior C, **Phillips ML**, Sierra M, Hunter E, David AS. Visual imagery and depersonalisation. *Psychopathology*. 2001 Sep-Oct; 34(5):259-264.
25. Sierra M, **Phillips ML**, Lambert MV, Senior C, Krystal J, David SA. Lamotrigine in the treatment of depersonalization disorder. *J Clin Psychiatry*. 2001 Oct; 62(10):826-827.
26. Stanton BR, David AS, Cleare AJ, Sierra M, Lambert MV, **Phillips ML**, Porter RJ, Gallagher P, Young AH. Basal activity of the hypothalamic-pituitary-adrenal axis in patients with depersonalization disorder. *Psychiatry Res*. 2001 Oct 10; 104(1):85-89.
27. Williams LM, **Phillips ML**, Brammer MJ, Skerrett D, Lagopoulos J, Rennie C, Bahramali H, Olivieri G, David AS, Peduto A, Gordon E. Arousal dissociates amygdala and hippocampal fear responses: Evidence from simultaneous fMRI and skin conductance recording. *Neuroimage*. 2001 Nov; 14(5):1070-1079.
28. **Phillips ML**, Medford N, Senior C, Bullmore ET, Brammer MJ, Andrew C, Sierra M, Williams SC, David AS. Depersonalization disorder: Thinking without feeling. *Psychiatry Res*. 2001 Dec 30; 108(3):145-160.
29. Jarrett C, **Phillips ML**, Parker A, Senior C. Implicit motion perception in schizotypy and schizophrenia: A representational momentum study. *Cogn Neuropsychiatry*. 2001; 7(1):1-14.
30. Sierra M, Lopera F, Lambert MV, **Phillips ML**, David A. Separating depersonalization and derealization: The relevance of the "lesion method". *J Neurol Neurosurg Psychiatry*. 2002 Apr; 72(4):530-532. [PMCID 1737835]
31. Sierra M, Senior C, Dalton J, McDonough M, Bond A, **Phillips ML**, O'Dwyer AM, David AS. Autonomic response in depersonalization disorder. *Arch Gen Psych*. 2002 Sep; 59(9):833-838.
32. Kucharska-Pietura K, **Phillips ML**, Gernand W, David AS. Perception of emotions from faces and voices following unilateral brain damage. *Neuropsychologia* 2003; 41(8):1082-1090.
33. Abel KM, Allin MP, Kucharska-Pietura K, Andrew C, Williams S, David AS, **Phillips ML**. Ketamine and fMRI BOLD signal: Distinguishing between effects mediated by change in blood flow versus change in cognitive state. *Hum Brain Mapp*. 2003 Feb; 18(2):135-145.
34. Lange K, Williams LM, Young AW, Bullmore ET, Brammer MJ, Williams SC, Gray JA, **Phillips ML**. Task instructions modulate neural responses to fearful facial expressions. *Biol Psychiatry*. 2003 Feb 1; 53(3):226-232.
35. Sierra M, **Phillips ML**, Ivan G, Krystal J, David AS. A placebo-controlled cross-over trial of lamotrigine in depersonalization disorder. *J Psychopharmacol*. 2003 Mar; 17(1):103-105.
36. **Phillips ML**, Gregory LJ, Cullen S, Coen S, Ng V, Andrew C, Giampietro V, Bullmore E, Zelaya F, Amaro E, Thompson DG, Hobson AR, Williams SC, Brammer M, Aziz Q. The effect of negative emotional context on neural and behavioural responses to oesophageal stimulation. *Brain*. 2003 Mar; 126(Pt3):669-684. Erratum in: *Brain*. 2003 May; 126(Pt 5):1248.
37. Abel KM, Allin MP, Kucharska-Pietura K, David A, Andrew C, Williams SC, **Phillips ML**. Ketamine alters neural processing of facial emotion recognition in healthy men: An fMRI study. *NeuroReport*. 2003 Mar 3; 14(3):387-391.
38. Mataix-Cols D, Cullen S, Lange K, Zelaya F, Andrew C, Amaro E, Brammer MJ, Williams SC, Speckens A, **Phillips ML**. Neural correlates of anxiety associated with obsessive-compulsive symptom dimensions in normal volunteers. *Biol Psychiatry*. 2003 Mar 15; 53(6):482-493.

39. Baker D, Hunter E, Lawrence E, Medford N, Patel M, Senior C, Sierra M, Lambert M, **Phillips ML**, David AS. Depersonalisation Disorder: clinical features of 204 cases. *Br J Psychiatry*. 2003 May; 182:428-433.
40. Surguladze SA, Brammer MJ, Young AW, Andrew C, Travis MJ, Williams SC, **Phillips ML**. A preferential increase in the extrastriate response to signals of danger. *Neuroimage*. 2003 Aug; 19(4):1317-1328.
41. **Phillips ML**, Sierra M. Depersonalization disorder: A functional neuroanatomical perspective. *Stress*. 2003 Sep; 6(3):9157-9165.
42. Heining M, Young AW, Ioannou G, Andrew CM, Brammer MJ, Gray JA, **Phillips ML**. Disgusting smells activate human anterior insula and ventral striatum. *Ann N Y Acad Sci*. 2003 Dec; 1000:380-384.
43. Medford N, Baker D, Hunter E, Sierra M, Lawrence E, **Phillips ML**, David AS. Chronic depersonalisation following illicit drug use: a controlled analysis of 40 cases. *Addiction*. 2003 Dec; 98(12):1731-1736.
44. Williams LM, Das P, Harris AW, Liddell BB, Brammer MJ, Olivieri G, Skerrett D, **Phillips M L**, David AS, Peduto A, Gordon E. Dysregulation of arousal and amygdala systems in paranoid schizophrenia. *Am J Psychiatry*. 2004 Mar; 161(3):480-489.
45. Lawrence NS, Williams AM, Surguladze S, Giampeitro V, Brammer MJ, Andrew C, Frangou S, Ecker C, **Phillips ML**. Subcortical and ventral prefrontal cortical neural responses to facial expressions distinguish patients with bipolar disorder and major depression. *Biol Psychiatry*. 2004 Mar 15; 55(6):578-587.
46. Surguladze SA, Young AW, Senior C, Brebion G, Travis MJ, **Phillips ML**. Recognition accuracy and response bias to happy and sad facial expressions in patients with major depression. *Neuropsychology*. 2004 Apr; 18 212-218.
47. **Phillips ML**, Williams LM, Heining M, Herba CM, Russell T, Andrew C, Bullmore ET, Brammer MJ, Williams SC, Morgan M, Young AW, Gray JA. Differential neural responses to overt and covert presentations of facial expressions of fear and disgust. *Neuroimage*. 2004 Apr; 21(4):1484-1496.
48. **Phillips ML**, Mataix-Cols D. Patterns of neural response to emotive stimuli distinguish the different symptom dimensions of obsessive-compulsive disorder. *CNS Spectr*. 2004 Apr; 9(4):275-283.
49. Williams LM, Liddell B, Rathjen J, Brown K, Shevrin H, Gray J, **Phillips ML**, Young A, Gordon E. Mapping the time course of nonconscious and conscious perception of fear: An integration of central and peripheral measures. *Hum Brain Mapp*. 2004; 21:64-74.
50. Mataix-Cols D, Wooderson S, Lawrence N, Brammer MJ, Speckens A, **Phillips ML**. Distinct neural correlates of washing, checking, and hoarding symptom dimensions in obsessive-compulsive disorder. *Arch Gen Psychiatry*. 2004 Jun; 61(6):564-576.
51. Uher R, Murphy T, Brammer MJ, Dalgleish T, **Phillips ML**, Ng VW, Andrew CM, Williams SC, Campbell IC, Treasure J. Medial prefrontal cortex activity associated with symptom provocation in eating disorders. *Am J Psychiatry*. 2004 Jul; 161(7):1238-1246.
52. Surguladze S, Brammer MJ, Keedwell P, Giampietro V, Young AW, Travis MJ, Williams SC, **Phillips ML**. A differential pattern of neural response toward sad versus happy facial expressions in major depressive disorder. *Biol Psychiatry*. 2005 Feb 1; 57(3):201-209.
53. Medford NC, **Phillips ML**, Brierley B, Brammer M, Bullmore ET, David AS. Emotional memory: Separating content and context. *Psychiatry Res*. 2005 Apr 30; 138(3):247-258.
54. Kerr N, Scott J, **Phillips ML**. Patterns of attentional deficits and emotional bias in bipolar and major depressive disorder. *Br J Clin Psychol*. 2005 Sep; 44(Pt 3):343-356.
55. Hunter EC, Baker D, **Phillips ML**, Sierra M, David AS. Cognitive-behaviour therapy for depersonalisation disorder: An open study. *Behav Res Ther*. 2005 Sep; 43(9):1121-1130.

56. Keedwell P, Andrew C, Williams SC, Brammer M, **Phillips ML**. A double dissociation of ventromedial prefrontal cortical response to sad and happy stimuli in depressed and healthy individuals. *Biol Psychiatry*. 2005 Sep 15; 58(6):495-503.
57. Kucharska-Pietura K, David AS, Masiak M, **Phillips ML**. Perception of facial and vocal affect in schizophrenic patients in early and late stages of illness: *Br J Psychiatry*. 2005 Dec; 187:523-528.
58. Keedwell PA, Andrew C, Williams SC, Brammer MJ, **Phillips ML**. The neural correlates of anhedonia in major depressive disorder. *Biol Psychiatry*. 2005 Dec 1; 58(11):843-853.
59. Uher R, Murphy T, Friederich HC, Dalgleish T, Brammer MJ, Giampietro V, **Phillips ML**, Andrew CM, Ng VW, Williams SC, Campbell IC, Treasure J. Functional neuroanatomy of body shape perception in healthy and eating-disordered women. *Biol Psychiatry*. 2005 Dec 15; 58(12):990-997.
60. Kronhaus DM, Lawrence NS, Williams AM, Frangou S, Brammer MJ, Williams SC, Andrew CM, **Phillips ML**. Stroop performance in bipolar disorder: Further evidence for abnormalities in the ventral prefrontal cortex. *Bipolar Disord*. 2006 Feb; 8(1):28-39.
61. Lawrence NS, Wooderson S, Mataix-Cols D, David R, Speckens A, **Phillips ML**. Decision making and set shifting impairments are associated with distinct symptom dimensions in obsessive-compulsive disorder. *Neuropsychology*. 2006 Jul; 20(4):409-419.
62. Lemche E, Giampietro VP, Surguladze SA, Amaro EJ, Andrew CM, Williams SC, Brammer MJ, Lawrence N, Maier MA, Russell TA, Simmons A, Ecker C, Joraschky P **Phillips ML**. Human attachment security is mediated by the amygdala: Evidence from combined fMRI and psychophysiological measures. *Hum Brain Mapp*. 2006 Aug; 27(8):623-635.
63. Sierra M, Baker D, Medford M, Lawrence E, Patel M, **Phillips ML**, David AS. Lamotrigine as an add-on treatment for depersonalization disorder: A retrospective study of 32 cases. 2006 Sep-Oct; 29(5):253-258.
64. Surguladze S, Russell T, Kucharska-Pietura K, Travis MJ, Giampietro V, David AS, **Phillips ML**. A reversal of the normal pattern of parahippocampal response to neutral and fearful faces is associated with reality distortion in schizophrenia. *Biol Psychiatry*. 2006 Sep 1; 60(5):423-431.
65. Russell TA, Chu E, **Phillips ML**. A pilot study to investigate the effectiveness of emotion recognition remediation in schizophrenia using the micro-expression training tool. *Br J Clin Psychol*. 2006 Nov; 45(Pt 4):579-583.
66. Medford N, Brierley B, Brammer M, Bullmore ET, David AS, **Phillips ML**. Emotional memory in depersonalization disorder: A functional MRI study. *Psychiatry Res*. 2006 Dec 1;148(203):93-102.
67. Deeley Q, Daly E, Surguladze S, Tunstall N, Mezey G, Beer D, Ambikapathy A, Robertson D, Giampietro V, Brammer MJ, Clarke A, Dowsett J, Fahy T, **Phillips ML**, Murphy DG. Facial emotion processing in criminal psychopathy. Preliminary functional magnetic resonance imaging study. *Br J Psychiatry*. 2006 Dec; 189:533-539.
68. Sierra M, Senior C, **Phillips ML**, David AS. Autonomic response in the perception of disgust and happiness in depersonalization disorder. *Psychiatry Res*. 2006 Dec 7; 145(2-3):225-231.
69. Russell TA, Reynaud E, Kucharska-Pietura K, Ecker C, Benson PJ, Zelaya F, Giampietro V, Brammer M, David A, **Phillips ML**. Neural responses to dynamic expressions of fear in schizophrenia. *Neuropsychologia*. 2007 Jan 4; 45(1):107-123.
70. Lemche E, Surguladze SA, Giampietro VP, Anilkumar AP, Brammer MJ, Sierra M, Chitnis X, Williams SC, Gasston D, Joraschky P, David AS, **Phillips ML**. Limbic and prefrontal responses to facial emotion expressions in depersonalization. *Neuroreport*. 2007 Mar 26; 18(5):473-477.
71. Lawrence NS, An SK, Mataix-Cols D, Ruths F, Speckens A, **Phillips ML**. Neural responses to facial expressions of disgust but not fear are modulated by washing symptoms in OCD. *Biol Psychiatry*. 2007 May 1; 61(9):1072-1080.

72. Deeley Q, Daly EM, Surguladze S, Page L, Toal F, Robertson D, Curran S, Giampietro V, Seal M, Brammer MJ, Andrew C, Murphy K, **Phillips ML**, Murphy DG. An event related functional magnetic resonance imaging study of facial emotion processing in Asperger Syndrome. *Biol Psychiatry*. 2007 Aug 1; 62(3):207-217.
73. Yücel M, Harrison BJ, Wood SJ, Fornito A, Wellard RM, Pujol J, Clarke K **Phillips ML**, Kyrios M, Velakoulis D, Pantelis C. Functional and biochemical alterations of the medial frontal cortex in obsessive-compulsive disorder. *Arch Gen Psychiatry*. 2007 August; 64(8):1-10.
74. Caseras X, Mataix-Cols D, An SK, Lawrence NS, Speckens A, Giampietro V, Brammer MJ, **Phillips ML**. Sex differences in neural responses to disgusting visual stimuli: Implications for disgust-related psychiatric disorders. *Biol Psychiatry*, 2007 Sep 1; 62(5):464-471. [PMCID 2686113]
75. Deeley Q, Daly EM, Azuma R, Surguladze S, Giampietro V, Brammer MJ, Hallahan B, Dunbar RI, **Phillips ML**, Murphy DG. Changes in male brain responses to emotional faces from adolescence to middle age. *Neuroimage*. 2008 Mar 1; 40(1):389-397.
76. Heining M, Herba C, Browning M, Benson PJ, Young AW, **Phillips ML**, Gray JA. Conscious and non-conscious discrimination of facial expressions. *Visual Cognition*. 2007; 15(1):36-47.
77. Herba CM, Benson P, Landau S, Russell T, Goodwin C, Lemche E, Santosh P, **Phillips ML**. Impact of familiarity upon children's developing facial expression recognition. *J Child Psychol Psychiatry*. 2008 Feb; 49(2):201-210.
78. Ladouceur CD, Almeida JR, Birmaher B, Axelson DA, Nau S, Kalas C, Monk K, Kupfer DJ, **Phillips ML**. Subcortical gray matter volume abnormalities in healthy bipolar offspring: Potential neuroanatomical risk marker for bipolar disorder. *JAACAP*. 2008 May; 47(5):532-539. [PMCID 2711512]
79. Lawrence N, Jollant F, O'Daly O, Zelaya F, **Phillips ML**. Distinct roles of prefrontal cortical subregions during the Iowa Gambling Task. *Cereb Cortex*. 2008 May; 19(5):1134-1143.
80. Mataix-Cols D, An SK, Lawrence NS, Caseras X, Speckens A, Giampietro V, Brammer MJ, **Phillips ML**. Individual differences in disgust sensitivity modulate neural responses to aversive/disgusting stimuli. *Eur J Neurosci*. 2008 Jun; 27:3050-3058.
81. Jollant F, Lawrence N, Giampietro V, Brammer MJ, Fullana MA, Drapier D, Courtet P, **Phillips ML**. Orbitofrontal cortex response to angry faces in men with histories of suicide attempts. *Am J Psychiatry*. 2008 Jun; 165(6):740-748.
82. Gilbert AR, Mataix-Cols D, Almeida JR, Lawrence N, Nutche J, Diwadkar V, Keshavan MS, **Phillips ML**. Brain structure and symptom dimension relationships in obsessive compulsive disorder: A voxel-based morphometry study. *J Affect Disord*. 2008 Jul; 109(1-2):117-126.
83. Surguladze SA, Etkin A, Ecker C, Kalidindi S, Corsico A, Giampietro V, Lawrence N, Deeley Q, Murphy D, Kucharska-Pietura K, Russell TA, McGuffin P, Murray R, **Phillips ML**. Genetic variation in the serotonin transporter modulates neural system-wide response to fearful faces. *Genes Brain Behav*. 2008 Jul; 7(5):543-551.
84. Lemche E, Anilkumar A, Giampietro VP, Brammer MJ, Surguladze SA, Lawrence N, Gasston D, Chitnis X, Williams SC, Sierra M, Joraschky P, **Phillips ML**. Cerebral and autonomic responses to emotional facial expressions in depersonalization disorder. *Br J Psychiatry*. 2008 Sep; 193(3):222-228.
85. Versace A, Almeida JR, Hassel S, Walsh ND, Novelli M, Klein CR, Kupfer DJ, **Phillips ML**. Elevated left and reduced right orbitomedial prefrontal fractional anisotropy in adults with bipolar disorder revealed by tract-based spatial statistics. *Arch Gen Psychiatry*. 2008 Sep; 65(9):1041-1052. [PMCID 2730162]
86. Hassel S, Almeida J, Kerr N, Nau S, Ladouceur CD, Fissell K, Kupfer DJ, **Phillips ML**. Elevated striatal and decreased dorsolateral prefrontal cortical activity in response to emotional stimuli in euthymic bipolar disorder: No associations with psychotropic medication load. *Bipolar Disord*. 2008 Dec; 10:916-927. [PMCID 2711546]

87. Almeida JR, Akkal D, Hassel S, Travis MJ, Banhashemi L, Kerr N, Kupfer DJ, **Phillips, ML**. Reduced gray matter volume in ventral prefrontal cortex but not amygdala in bipolar disorder: Significant effects of gender and trait anxiety. *Psychiatry Res*. 2009 Jan 30; 171(1):54-68. [PMCID 2646161]
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23. Kupfer DJ, Frank E, **Phillips ML**. Major Depressive Disorder: New clinical neurobiologic and treatment perspectives. *The Lancet*. 2012; 379: 1045-1055.
24. Almeida JRC, **Phillips ML**. Distinguishing between unipolar depression and bipolar depression: current and future clinical neuroimaging perspectives. *Biological Psychiatry*. 2013 Jan 15; 73(2):111-118.
25. Rive, MM, Van Rooijen G, Veltman DJ, **Phillips ML**, Schene AH, Ruhe HG. Neural correlates of dysfunctional emotion regulation in major depressive disorder. A systematic review of neuroimaging studies. *Neuroscience & Behavioral Reviews* (in press).
26. Pan LA and **Phillips ML**. Toward identification of neural markers of suicide risk in adolescents. *Neuropsychopharmacology Reviews* (in press).

Publications – Invited Reviews and Editorials

1. **Phillips ML**. Neuroimaging of mood changes in healthy individuals. *Perspectives in Depression* 2001; 9: 6-10.
2. Surguladze S, Keedwell PK, **Phillips ML**. Neural systems underlying affective disorders. *Advances in Psychiatric Treatment*. 2003; 9:446-455.
3. **Phillips ML**, Mataix-Cols D. Patterns of neural response to emotive stimuli distinguish the different symptom dimensions of obsessive compulsive disorder. *CNS Spectr*. 2004; 9:275-283.
4. Mataix-Cols D, **Phillips ML**. Physiological and functional neuroimaging techniques in the study of anxiety disorders. *Psychiatry*. 2004; 3:22-26.
5. **Phillips ML**. Abnormal emotion processing in bipolar disorder: Lessons from neuroimaging. *Clinical Approaches in Bipolar Disorder*, 2004; 3:33-34.
6. **Phillips ML**. Facial processing deficits and social dysfunction: How are they related? *Brain*. 2004; 127:1691-1692.
7. **Phillips ML**, Hunter E, Baker D, Medford N, Sierra-Siegert M, David AS. Depersonalization disorder. *Current Reviews – Medical Literature*. 2005; 16:1-4.
8. **Phillips ML**. The neural basis of mood dysregulation in bipolar disorder. *Cognit Neuropsychiatry*. 2006; 11(3):233-249.
9. **Phillips ML**. The emerging role of neuroimaging in psychiatry: Characterizing treatment-relevant endophenotypes. *Am J Psychiatry*. 2007 May; 164(5):697-699.
10. **Phillips ML**, Clark L, Sahakian BJ, Frank E, Kupfer DJ. Neurocognition and neuroimaging in major depressive disorder and bipolar depression: Implications for treatment and functional outcome. *Foresign Project on Mental Capital and Mental Wellbeing*. 2008.
11. Mataix-Cols D, **Phillips ML**. Physiological and functional neuroimaging techniques in the study of anxiety disorders. *Psychiatry*. 2007; 6:156-160.

12. Keener MT, **Phillips ML**. Neuroimaging in bipolar disorder: A critical review of current findings. *Curr Psychiatry Rep.* 2007; 9(6):512-520.
13. Craddock N, Antebi D, Attenburrow MJ, Bailey A, Carson A, Cowen P, Craddock B, Eages J, Ebmeier K, Farmer A, Fazel S, Ferrier N, Geddes J, Goodwin G, Harrison P, Hawton K, Hunter S, Jacoby R Jones I, Keedwell P, Kerr M, Mackin P, McGuffin P, McIntyre DJ, McConville P, Mountain D, O'Donovan MC, Owen MJ Oyeboode F, **Phillips ML**, Price J, Shah P, Smith DJ, Walters J, Woodruff P, Young A, Zammit S. Wake up call for British Psychiatry. *Br J Psychiatry.* 2008; 193(1):6-9.
14. Pan L, Keener MT, Hassel S, **Phillips ML**. Functional neuroimaging studies of bipolar disorder: Examining the wide clinical spectrum in the search for disease endophenotypes. *Int Rev Psychiatry.* 2009; 21(4):368-379.
15. Olatunji OO, Cisler J, McKay D, **Phillips ML**. Is disgust associated with psychopathology? Emerging research in the anxiety disorders. *Psychiatry Res.* 2009. 175:1-10.
16. **Phillips ML**. Coming of age? Neuroimaging biomarkers in youth. *Am J Psychiatry.* 2010 Jan; 167(1):4-7.
17. **Phillips ML**. Neuroimaging in Psychiatry: Bringing Neuroscience Into Clinical Practice. *British Journal of Psychiatry.* 2012; 201: 1-3. doi: 10.11.1192/bjp.bp.112.109587
18. **Phillips ML**, Kupfer DJ. Bipolar Disorder Diagnosis: Challenges and Future Directions. *The Lancet* 2013; 381: 1683-71. [PMID 23663952]
19. **Phillips, ML**. Brain-behavior biomarkers of illness and illness risk in bipolar disorder: present findings and next steps. *Biological Psychiatry.* (in press).

Publications – Book Chapters

1. **Phillips ML**, David AS. Cognitive Impairments as Causes of Positive Symptoms in Schizophrenia. In: Cognition in Schizophrenia. Sharma T & Harvey P (Eds.), Oxford University Press Inc., New York, NY, 2000.
2. **Phillips ML**, Heining M. Neural Correlates of Emotion Perception: From Faces to Taste. In: Olfaction, Taste, and Cognition. Rouby C, Schaal B, Dubois D, Gervais R, Holey A (Eds.), Cambridge University Press Inc., Cambridge, UK, 2002.
3. **Phillips ML**, Heining M. Disgust and the Self. In: Disorders of Body Image. Castle DJ & Phillips K (Eds.), Wrightson Biomedical Publishing, 2002.
4. **Phillips ML**, Travis MJ. Follow-up of Patients Recovering from the Acute Phase. In: Managing Acute Mania. Science Press Ltd, Beijing, China, 2003.
5. **Phillips ML**. Functional Neural Abnormalities in Schizophrenia and Bipolar Disorder: Are they Similar or Different. In: Schizophrenia: Challenging the Orthodox. McDonald C, Schulze K, Murray R, Wright P (Eds.), Taylor & Francis Group, 2004.
6. **Phillips ML**. Are Subcortical Regions Too Expansive in Bipolar Disorder? In: Bipolar Disorder: the Upswing in Research and Treatment. McDonald C, Schulze K, Murray R, Wright P (Eds.), Taylor & Francis Group, 2005.

7. Herba CM, Hodgins S, Blackwood N, Kumari V, Naudts KH, **Phillips ML**. The Neurobiology of Psychopathy: A Focus on Emotion Processing. In: Psychopathy: Theory, Research, and Social Implications. Herve E & Yuille J (Eds.), New Jersey: Lawrence Erlbaum, 2006.
8. Heining M, **Phillips ML**. Role of the Insula in Smell and Disgust. In: Smell and the Brain: Window to the Mind. Brewer W, Castle D, Pantelis C (Eds.), Cambridge University Press Inc., Cambridge, UK, 2006.
9. Kupfer DJ, Travis MJ, Rosenstock JB, Farchione TR, **Phillips ML**. Thinking About Psychiatry. In: Oxford American Handbook of Psychiatry, 1st Edition. Kupfer DJ, Horner MS, Brent DA, Lewis DA, Reynolds CF, Thase ME, Travis MJ (Eds.), Oxford University Press, New York, NY, 2008.
10. Surguladze S, Keedwell P, **Phillips ML**. The Neuropsychology of Mood Disorders. In: Handbook of Neuropsychology of Mental Illness. Wood S, Allen N, Pantelis C (Eds.), Cambridge University Press Inc., Cambridge, UK, 2009.
11. Holt DJ, **Phillips ML**. The Human Amygdala in Schizophrenia. In: The Human Amygdala. Phelps EA & Whalen PJ (Eds.), Guilford Press, New York, pp. 344-361, 2009.
12. Surguladze S, **Phillips ML**. Functional Neuroimaging of Major Depressive Disorder. In: Imaging Neuropsychiatric Disorders. Cambridge University Press Inc., Cambridge, UK, 2009.
13. Keener MT, **Phillips ML**. Can Neuroimaging Help Distinguish Bipolar Depression from Major Depressive Disorder? In: Depression: Translational Approaches to Understanding and Treating. Pariante CM, Ness R, Nutt D, Wolpert L (Eds.), Oxford University Press, Inc., New York, NY, 2009.
14. **Phillips ML**. Face Perception in Schizophrenia and Mood Disorders. In: The Oxford Handbook of Face Perception. Calder AJ, Rhodes G, Johnson MH, Haxby JV (Eds.), Oxford University Press Inc., New York, NY.
15. Surguladze S, **Phillips ML**. Functional neuroimaging of major depressive disorder in imaging neuropsychiatric disorders. In: Understanding Neuropsychiatric Disorders: Insights from neuroimaging. (Eds.) M. Shenton and B. Turetsky. Cambridge University Press, UK, 2011.
16. **Phillips ML**, Almeida JRC, Versace A. Neuroimaging Difference Between Bipolar and Unipolar Depression. In: Neuroimaging in Bipolar Disorder: Integration with Genetics. Strakowski SM (Ed.), Oxford University Press Inc., New York, NY. (in press)

Other Publications and Book Reviews

1. **Phillips ML**. Are patient notes sexist? *Psychiatr Bull*. 1993; 17:7.
2. Young AW, Sprengelmeyer R, **Phillips ML**, Calder AJ. Response to Rozin, P. Disgust faces, basal ganglia and obsessive-compulsive disorder: some strange brainfellows. *Trends Cogn Sci*. 1997; 1(9):321-354.
3. **Phillips ML**. The neuropsychology of dreams. *Brain*. 1998; 121:183-184.

4. **Phillips ML.** *The Expressions of the Emotions in Man and Animals*. Introduction, afterword, and commentaries by Paul Ekman. Harper Collings. *The Emotional Brain* by Joseph LeDoux. Weidenfeld and Nicolson. Review for the Times Higher Education Supplement, August 7th, p. 22. 1998.

Professional Activities-Teaching

Current Teaching Responsibilities:

- 2005-Present Ad hoc presenter for CNBC series of symposia, University of Pittsburgh and Carnegie Mellon University
- 2006-Present Current Research Track seminar series, Department of Psychiatry, University of Pittsburgh (approximately 6 research track resident attendees plus additional faculty; 1 hour per year)
- 2006-Present Ad hoc expert at Journal Club for Psychiatry Residents, Western Psychiatric Institute and Clinic, Pittsburgh (approximately 30-40 resident attendees plus 10-20 faculty; 1.5 hours 2-3 times per year)
- 2006-2012 Faculty member for T90/R90 Multimodal Neuroimaging Training Program, University of Pittsburgh and Carnegie Mellon University, Pittsburgh.
- 2006-Present Faculty for the Career Development Institute for Psychiatry, University of Pittsburgh (1-2 hour seminars with approximately 15 research fellows, plus 2-3 hours of one-to-one interviews, alternate years)
- 2008-Present Mentor for Medical Student Neuroscience Area of Concentration (approximately 10 medical student attendees plus additional faculty; 1-2 hours once per year)
- 2008-Present Presenter for Hot Topics in Psychiatry for medical students, University of Pittsburgh (approximately ten medical student attendees plus additional faculty; approximately 1-2 hours once per year)
- 2009-Present Participant in Mentorship Program as Mentor at each Annual Meeting of American College of Neuropsychopharmacology (ACNP; one mentee assigned per annual meeting; approximately 4 hours of time spent with mentee at each meeting, plus further follow-up email contact)
- 2012-Present NIMH Fellowship Program for Recruitment of Medical Students to Careers in Mental Health Research, Evening Seminar Series. Pittsburgh, PA. Invited lecturer (approximately ten medical student attendees; 1-2 hours alternate years)
- 2013-Present Participant in Mentorship Program as Mentor at each Annual Meeting of Society of Biological Psychiatry (SOBP; one mentee assigned per annual meeting; approximately 4 hours of time spent with mentee at each meeting, plus further follow-up email contact)

Previous Clinical Teaching:

- 1992-1994 Teaching of undergraduate medical students in the Maudsley Hospital
- 1995-1999 Teaching of final-year undergraduate medical students at King's College Hospital. Responsible for two hour weekly supervision of six final year students for six weeks prior to final examinations.
- 1996-2000 Clinical supervision of SHO/Registrar (Resident) during weekly outpatient clinic. Three hours per week.

- 1997-1998 During my position as Lecturer, Department of Psychological Medicine, Institute of Psychiatry, I was responsible for lecturing, tutoring and co-ordination of the clinical attachments of undergraduate medical students at King's College Hospital to psychiatry firms within the Maudsley Hospital.
- 2000 Final Year (year five) undergraduate medical students. Clinical skills in psychiatric examination, evaluation and treatment. Two hours per week for approximately 10 weeks per year. Approximately 10 students per session.
- 2002-2004 First Clinical Year (Third Year) undergraduate medical students: teaching on major depressive disorder and bipolar disorder. Two hours per year (100 students).
- 2010 Medical Student Year 1. Psychiatry Module: "Neuroimaging of Emotion in Psychiatric Disorders" (approximately 801-100 medical student attendees; 1 hour).

Previous Academic Teaching:

- 1998-1999 Teaching on the Autumn School in Cognitive Neuroscience, in the Department of Experimental Psychology, Oxford University. I gave two 40 minute lectures on this annual meeting.
- 2001- 02 MRCPsych course, Institute of Psychiatry. Advanced Module: Neuroscience. Neuroanatomy of Emotion. Two hours twice per year. Approximately 15-20 attendees (Residents in psychiatry).

Research Supervision

i. MSc supervision

- 2000 MSc Neuroscience, Institute of Psychiatry, University of London. Student Supervised: Christian Jarret. Representational momentum in schizotypy and schizophrenia. MSc obtained with merit, September, 2000.
- 2001 MSc Neuroscience, Institute of Psychiatry, University of London. Student supervised: Sarah Cullen. The effect of modulation of emotional context upon perception of nonpainful esophageal distension. MSc obtained September, 2001.

ii. PhD supervision

- 1999-2002 Mike Heining (full-time). Investigation of perception of emotional stimuli using fMRI: a multimodal approach. Doctorate obtained March, 2004.
- 2001-2005 Christine Ecker (full-time). Functional connectivity analysis in the examination of the neurobiology of emotion. Doctorate obtained January, 2005.
- 2000-2007 Natalie Kerr (part-time). Investigation of social cognition in bipolar disorder. Doctorate obtained June, 2007.
- 2001-2007 Sarah Wooderson (full-time). Examination of the neurobiological basis of different symptom dimensions in Obsessive-compulsive disorder. Doctorate obtained May, 2007.
- 2001-2009 Paul Keedwell (part-time). Examination of neural correlates of anhedonia in unipolar depression. Doctorate obtained December, 2009.

- 2001-2010 Nicholas Medofrd (part time). Welcome Trust Clinical Training Fellow. Depersonalization and the regulation of emotion. Doctorate obtained 2010.
- 2003-2009 Quinton Deeley (part-time). Doctorate obtained October, 2009.
- 2006-2009 Committee member for Alison Gilbert, Department of Psychology, School of Arts and Sciences, University of Pittsburgh. Doctorate obtained December, 2008.

Supervision of Post-Doctoral Research Assistants, Associates, and Research Principals (Non-Clinical)

- 2000-2002 Dr. D. Mataix-Cols, Visiting Research Fellow and Honorary Lecturer, Division of Psychological Medicine, Institute of Psychiatry, London, UK. Examination of neurobiological basis of OCD symptom dimensions.
- 2001-2005 Tamara Russell, Postdoctoral Research Fellow. Division of Psychological Medicine, Institute of Psychiatry, London, UK.. Neurobiology of threat perception in schizophrenia, and the examination of the development of emotion processing in normal children.
- 2001-2003 Dr. N. Lawrence, Postdoctoral Research Assistant. Division of Psychological Medicine, Institute of Psychiatry, London, UK. Examination of the neurobiological basis of different symptom dimensions in Obsessive-Compulsive disorder.
- 2002-2003 Dr. C. Herba, Postdoctoral Research Assistant. Division of Psychological Medicine, Institute of Psychiatry, London, UK. Functional magnetic resonance imaging of feature discrimination and binding using consciously and unconsciously detected facial expressions of emotion.
- 2003-2005. Dr. C. Herba, Postdoctoral Research Fellow. Division of Psychological Medicine, Institute of Psychiatry, London, UK. Examination of normal development of emotion processing.
- 2003-2007 Dr. M. Heining, Postdoctoral Research Assistant. Division of Psychological Medicine, Institute of Psychiatry, London, UK. Functional magnetic resonance imaging of feature discrimination and binding using consciously and unconsciously detected facial expressions of emotion.
- 2005-2009 Dr. S. Hassel, Senior Research Principal, Department of Psychiatry, University of Pittsburgh
- 2006-2008 Dr. N. Walsh, Senior Research Principal, Department of Psychiatry, University of Pittsburgh.
- 2006-2007 Dr. D. Kronhaus, System Analyst: Postdoctoral Researcher, Department of Psychiatry, University of Pittsburgh.
- 2010-Present Dr. G. Bebko, Postdoctotal Associate, Department of Psychiatry, University of Pittsburgh
- 2010-Present Dr. M. Bertocci, Postdoctotal Associate, Department of Psychiatry, University of Pittsburgh
- 2011-2013 Dr. H. Chase, Postdoctoral Associate, Department of Psychiatry, University of Pittsburgh
- 2013-Present Dr Anna Manelis, Postdoctoral Associate, Department of Psychiatry, University of Pittsburgh
- 2013-Present Dr. Tsafirir Greenberg, Postdoctoral Associate, Department of Psychiatry, University of Pittsburgh

Supervision of Instructors and Assistant Professors

- 2000-2011 Dr. S. Surguladze, Senior researcher and honorary lecturer (Assistant Professor), Institute of Psychiatry. Examination of neural responses to facial expressions in normal and depressed populations.
- 2003-2005 Dr. D. Mataix-Cols, Lecturer (Assistant Professor) in the neuropsychology of emotional disorders, Section of Neuroscience and Emotion, Division of Psychological Medicine and Dept. Psychology, Institute of Psychiatry.
- 2005-2006 Dr. D. Mataix-Cols, Senior Lecturer (Associate Professor) in the neuropsychology of emotional disorders, Section of Neuroscience and Emotion, Division of Psychological Medicine and Dept. Psychology, Institute of Psychiatry.
- 2004-2007 Dr. N. Lawrence. Lecturer (Assistant Professor) in neuroimaging of emotional disorders, Section of Neuroscience and Emotion, Division of Psychological Medicine and Neuroimaging Research, Institute of Psychiatry.
- 2005-Present Dr. C. Ladouceur, Assistant Professor, Department of Psychiatry, University of Pittsburgh
- 2005-2009 Dr. D. Akkal, Instructor, Department of Psychiatry, University of Pittsburgh.
- 2005-Present Dr. D. Pardini, Assistant Professor, Department of Psychiatry, University of Pittsburgh.
- 2006-2009 Dr. A. Gilbert, Assistant Professor, Department of Psychiatry, University of Pittsburgh. Examination of neural correlates of symptom provocation in pediatric obsessive compulsive disorder.
- 2008-Present Dr. P. Keedwell, Lecturer (Assistant Professor Equivalent) Department of Psychological Medicine, University of Cardiff, UK
- 2008-Present Dr. X. Caseras, Lecturer (Assistant Professor Equivalent). Department of Psychological Medicine, University of Cardiff, UK
- 2009-Present Dr. L. Pan, Assistant Professor, Department of Psychiatry, University of Pittsburgh. Examination of neural circuitry underlying decision making and impulsivity in children at risk for suicide.
- 2010-2013 Dr. J. Almeida, Research Assistant Professor, Department of Psychiatry, University of Pittsburgh.
- 2010-2012 Dr. A. Versace, Instructor, Department of Psychiatry, University of Pittsburgh.
- 2010-Present Dr. S. Eack, Assistant Professor, Department of Public Health, University of Pittsburgh.
- 2010-Present Dr. K. Quevedo, Assistant Professor, Department of Psychiatry, University of Pittsburgh.
- 2011-Present Dr. S. Perlman, Assistant Professor, Department of Psychiatry, University of Pittsburgh.
- 2012-Present Dr. A. Versace, Research Assistant Professor, Department of Psychiatry, University of Pittsburgh.

Supervision of Clinician Scientist (Residents, Clinical Research Fellows, Clinical Psychology Interns, Postdoctoral Associates)

- 1999-2001 Dr. N. Medford. Investigation of the neural correlates of emotional memory and learning in healthy controls and patients with depersonalization.
- 1999-2000 Dr. A. Parker, The six-month resident research post on the Maudsley Hospital Psychiatry rotation. Investigation of neural responses to ambiguous facial and vocal emotional stimuli in schizophrenia.
- 2000-2001 Dr. K. Lange. Neuromodulation of amygdalar response to fear during performance of explicit and non-explicit emotion perceptual tasks; and the examination of neurobiological basis of OCD symptom dimensions.
- 2001-2003 Dr. A. Williams. Examination of neural basis of mood regulation in bipolar disorder.
- 2001-2004 Dr. M. Browning. Examination of neural correlates of conscious and unconscious perception of emotional stimuli.
- 2003-2004 Dr. R. Dutta, Visiting Resident at St. George's Hospital, London, UK. Examination of self and non-self-emotional facial expression recognition in bipolar disorder.
- 2005-2006 Dr. A. Gilbert, Research Fellow, Department of Psychiatry, University of Pittsburgh. Examination of neural correlates of symptom provocation in pediatric obsessive compulsive disorder.
- 2005-2009 Dr. L. Pan, Research Fellow, Department of Psychiatry, University of Pittsburgh. Examination of neural circuitry underlying decision making and impulsivity in children at risk for suicide.
- 2006-2010 Dr. Jorge Almeida, Postdoctoral Associate, Department of Psychiatry, University of Pittsburgh. Examination of functional abnormalities in neural systems in bipolar disorder.
- 2007-2010 Dr. A. Versace, Postdoctoral Associate, Department of Psychiatry, University of Pittsburgh. Examination of functional abnormalities in neural systems in unipolar depression and bipolar disorder.
- 2007-2009 Dr. Fadi Maalouf, Clinical Research Fellow, Department of Psychiatry, University of Pittsburgh. Examination of neurocognition in depressed and remitted adolescents.
- 2007-Present Dr. Rasim Diller, Clinical Research Fellow, Department of Psychiatry, University of Pittsburgh. Examination of neural circuitry supporting mood regulation in bipolar depression in youth
- 2007-2009 Dr. T. Farchione, Research Fellow, Department of Psychiatry, University of Pittsburgh. Examination of neural system abnormalities in pediatric bipolar disorder.
- 2007-2010 Dr. M. Keener, Resident PGY3, Department of Psychiatry, University of Pittsburgh. Examination of self-perception in bipolar disorder.
- 2008-2011 Dr. B. Mullin, Clinical Psychology Intern, Department of Psychology, University of Pittsburgh. Examination of neural systems supporting emotion regulation in bipolar disorder.

- 2008-2010 Dr. R. Nusslock, Clinical Psychology Intern, Department of Psychology, University of Pittsburgh. Examination of neural systems for reward processing in adult bipolar disorder.
- 2008-2009 Dr. Alison Gilbert, Research Fellow, Department of Psychiatry, University of Pittsburgh. Neurocognitive function in adult bipolar disorder: relationship with different domains of pathology.
- 2008-2010 Dr. K. Quevedo, Research Fellow, Department of Psychiatry, University of Pittsburgh. Pathways to depression in adolescence.
- 2009-2011 Dr. S. Perlman, Research Fellow, Department of Psychiatry, University of Pittsburgh. Developmental trajectories in early childhood predisposing to anxiety and mood disorders.
- 2010-2011 Dr. R. Herringa, PGY4 Resident in Psychiatry, Department of Psychiatry, University of Pittsburgh. Examination of neurodevelopmental pathways to PTSD.
- 2010-2012 Dr. J. Fournier, Clinical Psychology Intern, Department of Psychology, University of Pittsburgh.
- 2010-2012 Dr. Ana Stan, Resident, Department of Psychiatry, University of Pittsburgh.
- 2010-Present Dr. Danella Hafeman, Resident, Department of Psychiatry, University of Pittsburgh

Supervision of Visiting Research Fellows

- 2001-Present Dr. E. Lemche, Visiting Clinician Scientist from the Technical University of Dresden, Germany. Investigation of behavioral and neural responses to emotional stimuli inpatients with depersonalization and somatoform pain disorder.
- 2002-2003 Dr. K. Pietura, Wellcome Trust Travelling Research Fellow, University of Lublin, Poland. Examination of structure-functional relationships within the amygdala in response to emotional stimuli in schizophrenic patients.
- 2002-2003 Dr. Sharokh Gudarzi, Visiting Clinical Research Fellow, University of Tehran, Iran.
- 2003-2004 Dr. R. Mitchell, Lecturer in Psychology, Reading University.
- 2004-2004 Dr. Nuria Vicente, Visiting Resident in Psychology, Hospital de Tererrassa, Barcelona, Spain.
2004-2005 Dr. Suk Kyoon An. College of Medicine, Yonsei University, Seoul, Korea.
- 2004-2005 Dr. Fabrice Jollant, Service de Psychologie Medicale et Psychiatrie, Hopital Lapeyronie, Montpellier, France.
- 2005-2006 Dr. Dominique Drapier, Senior Lecturer in Adult Psychiatry, Guillaume Regnier Hospital, Service Hospitalo-Universitaire de Psychiatrie, Rennes, France.
- 2005-2006 Dr. Jorge Almeida, Pre-Doctoral Clinician Scientist, Department of Psychiatry, University of Sao Paolo.
- 2006-2007 Dr. Amelia Versace, Pre-Doctoral Clinician Scientist, University of Verona, School of Medicine and Surgery and School of Specialization in Psychiatry Department of Medicine and Public Health.

- 2008-2010 Sivia Batezati MD, PhD. University of Sao Paolo, Brazil.
- 2008-2009 Maria Soledad Romero, MD.
- 2013-2014 Byung-Joo Ham, M.D, Ph.D., Korea University

Supervision of Medical Students

- 2009-2010 Lara Cox, MS3. Neurocognition in non-suicidal self injury.
- 2010-2012 Jared Moreines, MD PhD Student.
- 2013-Present Heather Acuff, MD PhD Student.

Clinical Supervision/Mentorship

- 2002-2007 Attached to the mood disorders service is approximately one SpR (resident) per year whose supervision I performed in the South London and Maudsley (SLaM) NHS Trust, UK.

Experience as Academic Examiner

I have been an examiner and reviewer of Doctoral Theses, University Fellowship and applications for Tenure at major academic institutions. Specifically, since December, 2000, I have examined and reviewed the following:

A. Doctoral Theses:

- 2000 G. de Zubicaray University of Queensland, Australia
- 2001 J. O'Doherty University of Oxford, UK
- 2003 M. Green, University of Sydney, Australia
- 2003 Doctoral thesis for B. Manor, University of Sydney, Australia
- 2005 Doctoral thesis for S. Durani, University of St. Andrews, UK
- 2005 Doctoral thesis for S. Hassel, University of Aston, UK
- 2006 Doctoral thesis for R. Rothstein, University College London, University of London, UK
- 2007 Doctoral thesis for J Taylor-Tavares, University of Cambridge
- 2008 Doctoral thesis for D. Mobbs, University College London, University of London, UK
- 2008 Member of PhD Committee for A. Gilbert, University of Pittsburgh, Department of Psychology. Pittsburgh, PA

B. University Fellowship Application:

2000 M. Kringelbach, University of Oxford

C. Application for Tenure/Promotion:

2002 Application for tenure: Dr. S. Taylor, University of Michigan

2004 Application for tenure track of Dr. H. Blumberg, University of Yale

2004 Application for promotion to rank of full Professor of Dr. I. Liberzon, University of Michigan

2005 Application for tenure track for C. Kohler, University of Pennsylvania

2006 Application for tenure track for D. Zald, Vanderbilt University

2007 Application for tenure track for K. Luan Phan, University of Chicago

2008 Application for promotion to Reader/Professor for Dr. C. Harmer, University of Oxford, UK

2008 Application for promotion to Senior Lecturer for Dr. Carl Senior, University of Aston, UK

2008 Application for promotion to Associate Professor for K. Luan Phan, University of Michigan

2008 Application for promotion to Associate Professor for Murat Yucel, University of Melbourne

2009 Application for promotion to Associate Professor in Psychiatry-in-residence for JO Brooks, UCLA

2009 Application for promotion to Associate Professor in Psychiatry for Dr. H. Aizenstein, University of Pittsburgh

2009 Application for promotion to tenured full Professor in Psychiatry for Dr. W. Goodman, Mount Sinai Hospital

2009 Application for promotion to Senior Lecturer (Associate Professor Equivalent) in Psychiatry for Dr. M. Green, University of New South Wales

2009 Application for promotion to Full Professor in Psychiatry for Dr. S. Taylor, Department of Psychiatry, University of Michigan

2010 Application for promotion to Associate Professor in Psychology for Dr. H. Urry, Department of Psychology, Tufts University

2011 Application for promotion to Full Professor in Psychiatry for Dr. J. Soares, Department of Psychiatry, Psychiatry and Behavioral Sciences, The University of Texas Medical School at Houston.

2011 Application for promotion to Associate Professor for Dr. T Deckersbach, Department of Psychiatry, Harvard University Medical School.

2012 Application for promotion to Associate Professor for Dr. Katherine Burdick, Department of Psychiatry, Mount Sinai School of Medicine

2012 Application for promotion to full Professor for Dr. K. Luan Phan, Department of Psychiatry, University of Illinois at Chicago

2012	Application for promotion to Associate Professor for Dr. Eydie Moses-Kolko, Department of Psychiatry, University of Pittsburgh
2013	Application for promotion to Associate Professor for Dr. M. Green in the Research Track of the School of Psychiatry at the University of New South Wales
2013	Application for promotion to Associate Professor for Dr. Robert Hudak outside of the Tenure Stream in the Clinician Educator Track, Department of Psychiatry, University of Pittsburgh.
2013	Application for reappointment to Assistant Professor in the Medical Center Line at Stanford University School of Medicine for Dr. Manpreet Singh

Professional Activities - Research

Research Grants – Current (annual funding amounts shown)

U01 MH092221-03 NIMH	Trivedi (PI)	\$285,748
Establishing Moderators/Biosignatures of Antidepressant Response		
Principal Investigator: Madhukar Trivedi (University of Texas)		
Role on Project: Principal Investigator Pittsburgh site, Co-Investigator		20.00%
Yrs. 01-04: July 1, 2010 – June 30, 2014		
R01 MH073953- 03 NIMH	Birmaher, Phillips (MPIs)	\$831,380
Longitudinal Assessment of Manic Symptoms		
Principal Investigator: Boris Birmaher		
Role on Project: Co-Principal Investigator (MPI)		24.00%
Yrs. 01-05: July 01, 2010 – June 30, 2015		
R01 MH060952 NIMH	Birmaher, Phillips (MPIs)	\$742,510
Children of Bipolar Parents: A High Risk Follow-up Study		
Principal Investigator: Boris Birmaher		
Role on Project: Co-Principal Investigator (MPI)		15.50%
Yrs. 01-05: December 01, 2011- November 30, 2016		
PGH FDN	Franzen (PI)	\$66,667
Sleep Disturbance in Youth with Bipolar Disorder at High Risk for Suicide: Effects on Neuronal Circuitry Underlying Emotion Regulation and Psychological Stress Reactivity		
Role on Project: Co-Investigator		2.50%
Yrs. 01-03: 10/13/2010 - 10/13/2013		
R01 HD067185 NICHD	Hipwell (PI)	\$333,645
Parsing the Heterogeneity of Neural Functioning in Postpartum Depression		
Role on Project: Co-Investigator		13.90%

Yrs. 01-05: July 01, 2011 - June 30, 2016

R01 MH099007-01 Ladouceur (PI) \$410,732
NIMH

Pubertal Maturation and Motivational Influences on Frontolimbic Systems

Role on Project: Co-Investigator 5.00%

Yrs. 01-05: 8/12/2013 6/30/2018

R01 DA033064 Franzen (PI) \$218,525
NIDA

Behavioral and Neural Consequences of Sleep Loss on Adolescent Affective Function

Role on Project: Co-Investigator 3.83%

Yrs. 01-04: August 01, 2011 – April 30, 2015

5R21DA033612-01 Forbes (PI) \$114,402
NIMH

Self-Regulation of Reward in Adolescence

Role on Project: Co-Investigator 3.80%

Yrs. 01-03: September 15, 2011 – August 31, 2013 (until Aug. 31, 2014 on No cost extension)

1R01 MH902440-01A1 Eack (PI) \$160,793
NIMH

Brain Imaging, Cognitive Enhancement, and Early Schizophrenia

Role on Project: Co-Investigator 2.00%

Yrs. 01-05: June 1, 2012 – March 31, 2017

1 R25MH090947 Kupfer (PI) \$157,066
NIMH

Research Career Development Institute for Psychiatry

Role on Project: Co-Investigator Faculty member at 0% effort

Yrs. 01-05: July 01, 2011 - June 30, 2016

Research Grants - Pending

1R01MH100041-01A1 Phillips (PI) \$470,306
NIMH

Reward, Pathophysiologic Dimensions and Psychological Distress in Young Adults

Role on Project: PI (12th centile score) 15.00%

Yrs. 01-05: Jan. 1, 2014 – Dec. 31, 2018

P50 MH086400 Haber (PI) \$166,596
NIMH

Neurocircuitry Underlying Brain Stimulation Effects in OCD: Mechanisms of Action

Project 2: A Neural Network for Persistent Avoidance in OCD

Role on Project: PI 15.00%

Yrs. 01-05: April 1, 2014 – August 31, 2019

R01MH102373-01A1 Versace (PI) \$301,367
NIMH

Lipid Oxidative Stress in BD and SZ: Marker of Disorder-Specific WM Abnormality

Role on Project: Co-Investigator 7.50%

Yrs. 01-03: April 1, 2014 – March 31, 2017

1R01MH103233-01 Pan (PI) \$250,000
NIMH

Cognitive and Affective Neuroimaging Markers of Risk in Offspring of Proband with Suicidal Behavior

Role on Project: Co-Investigator 10.00%

Yrs. 01-03: April 1, 2014 – March 31, 2017

Research Grants - Completed

Research Equipment Grant

Mason Research Foundation

Role on Project: PI

Yr 01: 1993

Investigation of Visual Scan Paths in Schizophrenia

Hospital Six-Month Maudsley Research Registrar Post

Role on Project: PI

Yr. 01: October 01, 1993 – March 31, 1994

Investigation of Visual Scan Paths in Schizophrenia

Clinical Training Fellowship, Medical Research Council (MRC), UK (K Award Equivalent)

Role on Project: PI

Yrs. 01-05: July 1, 1994 – June 20, 1997

Merck Pharmaceuticals Award (Thames South)

Role on Project: PI

Yr. 01: 1994

Investigation of the Neural Correlates of Perception of Threat in Paranoid Schizophrenic Patients

Bethlem and Maudsley Research Fund

Role on Project: PI

Depersonalization Disorder: Establishing a Clinical Service and Examination of the Neural Basis of the Disorder

Pilkington Trust

Principal Investigator: A.S. David

Role on Project: Co-Investigator

Yrs. 01-03: February 01, 1998 – January 31, 2001

Investigator of the Neural Correlates of Emotion Perception in Patients with Depersonalization Syndrome

Medical Research Council (MRC), UK

Principal Investigator: A.S. David

Role on Project: Co-Investigator
Yr. 01: June 01, 1998 – May 31, 1999

Functional Magnetic Resonance Imaging of Neural Substrates of Emotion

Wellcome Trust, (UK)

Role on Project: PI

Yrs. 01-02: February 01, 1998 – January 31, 2000

Why Do Some Schizophrenics Perceive Threat Instead of a Smile?

Rebecca Cooper Medical Foundation (Aust)

Principal Investigator: Dr. L. Williams

Role on Project: Co-Investigator

Yrs. 01-02: June 01, 1998 – May 31, 2000

Threat Perception in Paranoia: A Collaborative fMRI Study

Wellcome Trust Biomedical Collaborative Grant

Principal Investigator: Dr. L. Williams

Role on Project: Co-Investigator

Yrs. 01-02: July 01, 1999 – June 30, 2001

Investigation of the Neural Correlates of Emotion Perception in Normal's and Patients with Depersonalization Disorder: A Multimodal Approach

James McDonnell Pew Foundation

Role on Project: PI

Yrs. 01-02: June 01, 1999 - May 31, 2001

Investigation of the Neural Correlates of Taste and Smell Perception in Health Individuals, and the Examination of Cultural Differences in Taste Perception

Unilever

Role on Project: MPI (with J.A. Gray)

Yrs. 01-03: July 01, 1999 – June 30, 2002

Neural Correlates of Different Symptom Dimensions in Obsessive-Compulsive Disorder

Central Research Fund

Role on Project: PI

Yr. 01: February 01, 2001 – January 31, 2002

Investigation of Behavioral and Neural Responses to Emotional Stimuli in Patients with Depersonalization and Somatoform Pain Disorder

Wellcome Trust Biomedical Collaborative Grant

Role on Project: PI

Yrs. 01-02: February 01, 2001 – January 31, 2003

Examination of Abnormalities in Emotion Identification in Schizophrenia

Goldsmith Charitable Donation

Role on Project: PI

Yrs. 01-03: July 01, 2001 – June 30, 2004

Do Specific Abnormalities of Emotion Perception Underlie Symptoms of Somatoform and Dissociative Disorders? Behavioral and Functional Neuroimaging Studies of Patients with Somatoform Pain and Depersonalization Disorder

ARC/DAAD The British Council Joint British-German Selection Committee and the German Academic Exchange Service Collaborative Research Project Grant
Role on Project: PI with Dr. E. Lemeche
Yrs. 01-02: February 02, 2002 – January 31, 2004

Examination of the Neurobiological Bases of Different Symptom Dimensions in Obsessive-Compulsive Disorder

Wellcome Trust
Role on Project: PI
Yrs. 01-04: November 01, 2001 – March 31, 2005

Examination of the Development of Normal Emotion Perception in Children

Goldsmith Charitable Donation
Role on Project: PI
Yrs. 01-02: July 01, 2003 – June 30, 2005

An Investigation of Anterior Cingulate Structure, Function and Neuronal Integrity in Schizophrenia and Obsessive-Compulsive Disorder

NHMRC, Australia
Principal Investigator: Dr. M. Yucel
Role on Project: Co-Investigator

Yrs. 01-03: January 01, 2002 – December 31, 2005

Examination of the Attention Impairment with Major Depressive Disorder

Merck Sharp Dohme Educational Project Grant
Role on Project: PI
Yrs. 01-02: January 01, 2003 – December 31, 2005

A Study of the Role of Serotonergic System in Autism

The PPP Foundation Project Grant
Principal Investigator: Professor D. Murphy
Role on Project: Co-Investigator
Yrs. 01-03: April 01, 2004 – March 31, 2006

Psychological and Pharmacological Neural Correlates of Somatic and Visceral Pain

Cancer Research UK Project
Principal Investigator: Dr. Q. Aziz
Role on Project: Co-Investigator
Yrs. 01-03: January 01, 2003 – December 31, 2006

Neural Basis of the Vulnerability to Suicidal Behavior: A functional Magnetic Resonance Study Imaging

American Foundation for Suicide Prevention – Awarded to Dr. F. Jollant, Institute of Psychiatry, London, UK and University of Montpellier, France
Principal Investigator: Dr. F. Jollant
Role on Project: Co-Investigator (Mentor)
Yrs. 01: September 02, 2005 – August 31, 2006

**Functional Magnetic Resonance Imaging of Feature Discrimination and Binding Using
Consciously and Unconsciously Detect Facial Expressions of Emotion**

Wellcome Trust

Role on Project: PI

Yrs. 01-05: February 01, 2002 – April 30, 2007

Genetic Vulnerability and Neural Mechanisms in Major Depressive Disorder

Goldsmith Charitable Donation Project Grant

Role on Project: PI

Yrs. 01-03: July 01, 2004 – June 30, 2007

Bipolar Disorder – An Educational Support Grant

Sanofi-Synthelabo, Research Donation

Role on Project: PI

Yrs. 01-02: July 01, 2005 – June 30, 2007

Defining the Neural Markers of Bipolar Disorder: A Functional Neuroimaging Study

NARSAD

Role on Project: PI

Yrs. 01-03: September 01, 2005 – February 28, 2008

Sensitisation to Alcohol Withdrawal: Consequences and Mechanisms

Medical Research Council (UK) Program Grant

Principal Investigator: D. Stephens (University of Sussex, UK)

Role on Project: Co-Investigator

Yrs. 01-03: October 01, 2005 – September 30, 2008

Neurobiology of Sleep and Sleep Treatment Response in PTSD

United States Army Research Office

Principal Investigator: Ann Germaine

Role on Project: Co-Investigator

Yrs. 01-05: September 15, 2008 – October 14, 2012

Consortium on the Causes and Prevention of Violence

PA Department of Health

Principal Investigator: R. Loeber

Role on Project: Co-Investigator

Yrs. 01-04: June 01, 2008 – May 31, 2012

5R01MH076971

NIMH

Toward the Identification of Biomarkers of Bipolar Disorder

Role on Project: PI

Yrs. 01-05: July 24, 2007 – Feb 28, 2013

5P50MH084053 Lewis (PI)
NIMH
Inhibition, Oscillations and Information Processing in Schizophrenia
Role on Project: Co-Investigator
Yrs. 01-05: August 01, 2008 – June 30, 2013

The Centre for Neuropsychiatric Genetics and Genomics (CNGG)
Medical Research Council (UK) Centre Grant
Principal Investigator: M. Owen (Cardiff University UK)
Role on Project: Consultant
Yrs. 01-05: October 01, 2008 – September 30, 2013

5RC1MH088913
NIMH
Validation of a Functional MRI-Based Reward Processing Task as a Non-Invasive Tool to Identify the Role of Ventral Striatal Dopaminergic Abnormalities as Potential Disease Biomarkers
Role on Project: PI
Yrs. 01-02: September 30, 2009 – August 31, 2011 (No cost extension until 4/30/2013)

Research Grants As Mentor

K01 MH083001 Ladouceur (PI)
NIMH Mentored Career Development Award
Toward the Identification of Neurodevelopmental Risk Markers of Bipolar Disorder
Primary Mentor: Mary L. Phillips
Yrs. 01-05: April 01, 2008 – April 30, 2013 (No cost extension until Sept. 30, 2013)

K23 MH082884 Pan (PI)
NIMH Mentored Career Development Award
Functional Magnetic Resonance Imaging Markers of Early-Onset Suicide Attempt
Primary Mentor: Mary L. Phillips
Yrs. 01-05: April 01, 2008 – March 31, 2013

K01 MH092601 Quevedo (PI)
NIMH Mentored Career Development Award
The Neurobiology of Self Appraisals and Social Cognition in Depressed Adolescents
Primary Mentor: Mary L. Phillips
Yrs. 01-05: December 01, 2010 – November 30, 2015

K01 MH094467 Perlman (PI)
NIMH Mentored Career Development Award
Neural Mechanisms for Early Development of Pervasive Anger and Irritability
Primary Mentor: Mary L. Phillips
Yrs. 01-04: May 01, 2011-April 30, 2014

2R01MH073953 Phillips and Birmaher (PIs)
NIMH

Longitudinal Assessment of Manic Symptoms: Administrative Supplements to Enable Continuity of Research Experiences of M.D./Ph.D.s During Clinical Training

Role on Project: Primary Mentor

Grant Awardee: Danella Hafeman

Yrs 01-02: July 1, 2012 – June 30, 2014

K23 MH95783

NIMH

Social Cognitive Rehabilitation and Brain Function in Early Schizophrenia

Principal Investigator: Shaun Eack

Primary Mentor: Mary L. Phillips

Yrs. 01-04: September 1, 2012 – May 31, 2016

K23 MH097889-01A1

NIMH

Neural Markers of Individual Difference in Emotion Regulation in Depressed Adults

Principal Investigator: Jay Fournier

Primary Mentor: Mary L. Phillips

Yrs. 01-04: April 1, 2013 – March 31, 2018

Research Grants As Mentor - Completed

Neural Circuitry Underlying Emotion Regulation in Adolescents at High Risk of Bipolar Disorder

National Alliance for Research on Schizophrenia and Depression (NARSAD)

Principal Investigator: C. Ladouceur

Primary Mentor: Mary L. Phillips

Yrs. 01-02: July 01, 2006 – June 30, 2008

K12 HD049109

NIH

Multidisciplinary Clinical Research Scholar

Principal Investigator: A. Gilbert

Primary Mentor: Mary L. Phillips

Yrs. 01-04: July 01, 2005 – June 30, 2009

Processing Facial Affect in Bipolar Disorder: A Magnetoencephalography Study

National Alliance for Research on Schizophrenia and Depression (NARSAD)

Principal Investigator: S. Hassel

Primary Mentor: Mary L. Phillips

Yrs. 01-02: July 01, 2007 – June 30, 2009

Identifying Neural Markers of Obsessive Compulsive Disorder in Pediatric and At-Risk Populations: A First Stage fMRI Study

National Alliance for Research on Schizophrenia and Depression (NARSAD)

Principal Investigator: D. Akkal

Primary Mentor: Mary L. Phillips

Yrs. 01-02: July 01, 2007 – June 30, 2009

Identifying Clinical Markers and Neural Correlates of Disease Risk in Bipolar Disorder

Klingenstein Third Generation Foundation

Principal Investigator: T. Farchione

Primary Mentor: Mary L. Phillips
Yrs. 01-02: 2008-2009

Neurodevelopmental Risk Markers of Bipolar Disorders in Offspring with Attention Deficit Hyperactivity Disorder of Parents with Bipolar Disorder

National Alliance for Research on Schizophrenia and Depression (NARSAD)

Principal Investigator: C. Ladouceur

Primary Mentor: Mary L. Phillips

Yrs. 01-02: July 01, 2008 – June 30, 2010

K01 MH074769

NIMH Mentored Career Development Award

Development, Positive Affect and Adolescent Depression

Principal Investigator: E. Forbes

Consultant: Mary L. Phillips

Yrs. 01-05: June 01, 2006 – May 31, 2011

Neural Circuitry Underlying Early-Onset Suicide Attempt

American Foundation for Suicide Prevention

Principal Investigator: L. Pan

Mentor: Mary L. Phillips

Yrs. 01-03: 2008-2011

Functional Magnetic Resonance Imaging Markers of Early-Onset Suicide Attempt

Klingenstein Third Generation Foundation

Principal Investigator: L. Pan

Primary Mentor: Mary L. Phillips

Yrs. 01-03: 2008-2011

KL2 RR-24154

NIMH

Cognitive Rehabilitation Effects on Social-Cognitive Brain Function in Schizophrenia

Principal Investigator: Shaun Eack

Primary Mentor: Mary L. Phillips

Yrs. 01-02: July 01, 2010 – August, 31 2012

Neuroimaging of the Unipolar-Bipolar Interface

National Alliance for Research on Schizophrenia and Depression (NARSAD)

Principal Investigator: D. Smith

Primary Mentor: Mary L. Phillips

Yrs. 01-02: January 01, 2010- December 31, 2012

Toward the Identification of Neural Markers of Risk for Bipolar Disorder using Novel Brain Structural Connectivity Measures

National Alliance for Research on Schizophrenia and Depression (NARSAD)

Principal Investigator: A. Versace

Primary Mentor: Mary L. Phillips

Yrs. 01-02: January 01, 2010 – December 31, 2012

K01 MH078039

NIMH Mentored Career Development Award

Childhood-Onset Male Violence: Brain Function in Persisters and Desister

Principal Investigator: D. Pardini

Primary Mentor: Mary L. Phillips

Yrs. 01-05: February 01, 2007 – January 31, 2013

NARSAD Young Investigator Award

National Alliance for Research on Schizophrenia and Depression (NARSAD)

Principal Investigator: Xavier Caseras

Primary Mentor: Mary L. Phillips

Yrs 01-02: July 1, 2011 – June 30, 2013

Major Invited Lectures, Symposia, and Conference Presentations

- 1994, January Switzerland: Winter Workshop on Schizophrenia Poster Presentation: "Stroop effects in schizophrenics and controls: Evidence of increased interference at the interhemispheric level"
- 1995, April Warm Springs, WV: International Congress on Schizophrenia Research. Poster Presentation: "Monitoring information processing and decision-making in deluded schizophrenics using visual scan paths" and "Investigating delusion formation in late-onset schizophrenia: Evidence of impaired facial processing."
- 1996, January London, UK: Meeting of the Experimental Psychology Society (EPS). Symposium Participant: "A cognitive neuropsychiatric approach to the study of delusions in schizophrenia using visual scan paths."
- 1996, March Crans Montana, Switzerland: Winter Workshop on Schizophrenia. Poster Presentation: "A cognitive neuropsychiatric approach to the study of delusions in schizophrenia using visual scan paths."
- 1996, May New York, NY: Annual Meeting of the Society of Biological Psychiatry. Poster Presentation: "Understanding delusions in schizophrenia using visual scan paths."
- 1996, June Boston, MA: Human Brain Mapping. Poster presentation: "Investigation of facial affect and recognition memory processing using functional MRI: Evidence of right occipitotemporal and bilateral prefrontal activation, respectively."
- 1996, July London, UK: Association of European Psychiatrists and the Royal College of Psychiatrists Joint Meeting. Symposium Organiser and Participant: "Toward an understanding of the cognitive basis of delusion formation in schizophrenia using visual scan paths."
- 1997, April Colorado, USA: International Congress on Schizophrenia Research. Symposium Participant: "Attention to threat in schizophrenia: Investigation of the cognitive processes underlying paranoia using visual scan paths."
- 1997, May Copenhagen, Denmark: Human Brain Mapping. Poster Presentation: "Investigation of facial processing using functional MRI."
- 1998, Feb Davos, Switzerland: Winter Workshop on Schizophrenia Research. Invited Speaker: "Investigation of the cognitive processes underlying paranoia using visual scan paths."
- 1998, April Cambridge, UK: Meeting of the Experimental Psychology Society (EPS). Symposium Participant: "A differential neural response to stimuli displaying fear and disgust presented in both visual and auditory modalities."

- 1998, May Toronto, Canada: Annual Meeting of the Society of Biological Psychiatry. Symposium and Paper Session Participant: "Specific neural substrates for disgust and fear in normal and clinical groups."
- 1998, June Montreal, Canada: Human Brain Mapping. Poster Presentation: "A differential neural response to stimuli displaying fear and disgust presented in both visual and auditory modalities."
- 1998, Sept Cardiff, Wales: Annual Festival of Science, UK. Symposium Participant: "In the brain of the beholder: Functional imaging of face and emotional perception."
- 1999, April Santa Fe, NM: International Congress on Schizophrenia Research. Invited Speaker: "Viewing strategies during perception of ambiguous figures in normals and deluded schizophrenics."
- 1999, June Arcachon, Bordeaux, France: Annual Meeting of the International Neurophysiology Society Invited Speaker. "An investigation of the neural correlates of threat perception in paranoid schizophrenia: An fMRI study."
- 1999, June Dusseldorf, Germany: Human Brain Mapping. Invited Speaker: "A differential neural response to disgust in OCD patients with washing compared with checking symptoms."
- 1999, Dec Acapulco, Mexico: Annual Meeting of the American College of Neuropsychopharmacology. Study Group Participant: "Mapping the functional anatomy of the anterior limbic areas: Integrating behavior, neurochemistry, and anatomy in psychiatric pathophysiology."
- 2000, Jan London, UK: British Neuropsychiatry Association. Invited Speaker: "Depersonalization: Thinking without feeling."
- 2000, Feb Davos, Switzerland: Winter Workshop on Schizophrenia Research. Invited Speaker: "Increased right amygdala activation to fear in paranoid schizophrenics: An FMRI study."
- 2000, May Chicago, IL: American Psychiatric Association. Symposium Participant: "Depersonalization: Thinking without feeling."
- 2001, April Whistler, Canada: International Congress on Schizophrenia Research. Poster Presentation: "Increased variability and magnitude of amygdalar responses to fear in schizophrenia: An fMRI study."
- 2001, May New Orleans, LA: Annual Meeting of the Society of Biological Psychiatry. Symposium Participant: "Investigation of the variability and magnitude of right and left amygdalar responses to fear in schizophrenia: An fMRI study."
- 2001, May New Orleans, LA: American Psychiatric Association. Symposium Participant: "Neural responses to emotional expressions in depersonalization."
- 2001, Oct Montreal, Canada: Society for Psychophysiology Research. Symposium Participant: "Neural responses to facial expressions of basic emotions examined with functional magnetic resonance imaging: Specificity and laterality issues."
- 2001, Dec Waikoloa, HI: Annual Meeting of the American College of Neuropsychopharmacology. Panel Participant. "Cortico-limbic responses during normal and abnormal emotion."
- 2002, Feb Davos, Switzerland: Winter Workshop on Schizophrenia Research. Invited Speaker: "Examination of time courses of right and left amygdalar responses to fear in schizophrenia: An fMRI study."
- 2002, April London, UK: King's College. Conference: Emotion, Evolution and Rationality. Invited Speaker: "Body representation: A cognitive neuropsychiatric approach."
- 2002, May Philadelphia, PA: Society for Biological Psychiatry. Paper Session Chair and Participant: "Enhanced visual cortical responses to facial expressions of sadness in patients with major depression."

- 2002, June Sendai, Japan: Human Brain Mapping. Symposium Organizer and Participant. "Cortico-limbic response to emotive stimuli in healthy and depressed subjects."
- 2002, Aug Yokohama, Japan: XII World Congress in Psychiatry. Invited Lecture and Symposium Participant.
- 2002, Oct Geneva, Switzerland: 10th United European Gastroenterology Week. Symposium Participant: "Functional neuroanatomy of emotion perception: From normal feelings to abnormal states."
- 2002, Nov London, UK: European Foundation for Psychiatry at the Maudsley. Schizophrenia: Challenging the Orthodox. Invited Speaker: "Functional neural abnormalities in schizophrenia and bipolar disorder: Are they similar or different?"
- 2002, Dec San Juan, Puerto Rico: Annual Meeting of the American College of Neuropsychopharmacology Panel Participant: "Executive dysfunction, emotional bias and amygdala-cortical activity in patients with bipolar and major depressive disorder."
- 2003, May London, UK: Joint Meeting of the London Division of the Royal College of Psychiatrists and the Institute of Psychiatry. Invited Speaker: "Neural basis of emotion: From normal feeling to mood disorder."
- 2004, May San Francisco, CA: Society for Biological Psychiatry. Workshop Participant: "Systems integration and neuroimaging in the mood disorders."
- 2003, Sept Princeton, NJ: University of Princeton. Symposium "About Faces." Invited Speaker: "Social threat perception and the evolution of paranoia."
- 2003, Sept Prague, Czech Republic: ECNP. Symposium Participant: "The amygdala and mood disorders."
- 2003, Oct Harlow, UK: British Neuroscience Association: "New Approaches to Understanding Stress and Anxiety." Invited Speaker: "The neural basis of mood regulation in healthy and mood-disordered populations: Lessons from neuroimaging."
- 2003, Nov London, UK: European Foundation for Psychiatry at the Maudsley. Bipolar Disorder: The Upswing in Research and Treatment. Invited Speaker: "Is the amygdala too expansive in bipolar disorder?"
- 2003, Dec San Juan, PR: Annual Meeting of the American College of Neuropsychopharmacology (ACNP). Panel Organizer/Co-Chair and Participant: "Correlates of abnormal mood regulation in bipolar and major depression."
- 2004, Jan Pittsburgh, PA: University of Pittsburgh Medical Center. Guest Lecturer: "Neural correlates of abnormal mood regulation in bipolar disorder and major depression."
- 2004, April New York, NY: Society of Biological Psychiatry. Workshop Organizer and Participant: "Cortico-limbic pathology in mood disorders: What have we learned from genetic, cellular and neuroimaging studies?"
- 2004, June London, UK: Institute of Psychiatry, Invited Speaker: "Neurobiology of Violence."
- 2004, July Harrogate, UK: British Association for Psychopharmacology. Symposium Participant: "Emotional biases distinguish patients with bipolar disorder and major depressive disorder: Neuropsychological and functional neuroanatomical perspectives."
- 2004, Sept London, UK: Maudsley Hospital. Maudsley Forum: 2004 European 5-day Conference in Psychiatry. "Imaging emotion in mood disordered populations."
- 2004, Sept London, UK: Institute of Psychiatry. Inaugural Lecture as Professor of Neuroscience and Emotion in Psychiatry: "Emotion in the brain: Seeing is believing."

- 2004, Dec San Juan, PR: Annual Meeting of the American College of Neuropsychopharmacology (ACNP). Travel Awardee Poster Presenter: "Differential patterns of neural response to sad versus happy facial expressions distinguish depressed from healthy individuals."
- 2005, Jan Wellington, Oxford, UK: University of Oxford. Department of Psychiatry Academic Research Seminar Series. Invited Speaker: "Imaging emotion in the mood disordered brain."
- 2005, Feb University of Sussex, UK: Department of Psychiatry Academic Research Seminar Series. Invited Speaker: "Imaging emotion in the mood disordered brain."
- 2005, March Dresden, Germany: Technical University of Dresden. 56th Annual Meeting of the German Psychosomatic Society. Plenary Speaker: "Understanding emotion in the human brain: Seeing is believing."
- 2005, April Durham, England, UK: University of Durham. Department of Psychiatry Academic Research Seminar Series. Invited Speaker: "Imaging emotion in the mood disordered brain."
- 2005, May Atlanta, GA: Society of Biological Psychiatry. Workshop Organizer Chair and Participant: "Examining genetic influences upon frontal and sensory cortico-limbic connectivity in mood-disordered individuals: Can we determine distinct neuroendophenotypes?"
- 2005, June Pittsburgh, PA: International Society of Bipolar Disorders. 6th Annual Conference. Invited Speaker: "Neuroimaging in bipolar disorder."
- 2005, June Vienna, Austria: 8th World Congress of Federation of Societies of Biological Psychiatry. Invited Speaker #1: "Neural responses to facial expressions in bipolar disorder and schizophrenia." In Symposium: "Different issues relating to emotion processing in schizophrenia and bipolar disorder." Invited Speaker #2: "Functional abnormalities in the anterior cingulate gyrus in bipolar disorder." In Symposium: "The cingulate cortex in bipolar disorder."
- 2005, Sept London, UK: The Maudsley Forum. Invited Speaker: "Understanding the neurobiology of depression and bipolar disorder: Lessons from neuroimaging."
- 2005, Sept Aston, Birmingham, UK: The fMRI Experience. Emotion in the brain: Using fMRI to determine psychiatric-disorder specific abnormalities in neural systems for emotion."
- 2005, Oct Ann Arbor, MI: University of Michigan. Psychiatry Grand Rounds, Department of Psychiatry. "Emotion in the brain: Neuroimaging of normal and abnormal mood states."
- 2005, Nov Manchester, UK: UK Mental Health Research Network. National Scientific Conference. Invited Speaker: "Can the imaging of emotions tell us anything about affective disorders?"
- 2005, Dec Waikoloa, HI: Annual Meeting of the American College of Neuropsychopharmacology. Past Travel Awardee Poster Presentation: "Toward the identification of biomarkers of bipolar disorder: A first stage neuroimaging study."
- 2006, Jan Newark, NJ: Psychiatry Grand Rounds, Department of Psychiatry, New Jersey Medical School. "Can neuroimaging help us understand and diagnose mood disorders?"
- 2006, Feb Arlington, VA: APA Headquarters, the Future of Psychiatric Diagnosis: Refining the Research Agenda Deconstructing Psychosis Conference. Invited Speaker: "Evidence for and against diagnostic validity of bipolar psychosis and alternative approaches."
- 2006, April Nijmegen, Netherlands: Aula Radboud University. Psychological Processes and Treatment of Depression. Invited Speaker: "Functional neuroimaging and understanding depression."
- 2006, May Toronto, Canada: Society of Biological Psychiatry, 61st Annual Scientific Convention. Workshop Co-organizer and Chair: "A translational approach to neural system abnormalities in obsessive-compulsive disorder: From structure to function."
- 2006, Sept London, UK: The Maudsley Forum: "Neuroimaging in Mood Disorders." Invited Speaker.

- 2006, Oct Pittsburgh, PA: WPIC Review Research Seminar: "Neuroimaging of Emotion in Mood Disorders."
- 2006, Nov Detroit, MI: Psychiatry Grand Rounds, Department of Psychiatry, Wayne State Medical School. "Neuroimaging of mood disorders: From normal emotion to abnormal mood states."
- 2006, Dec Hollywood, FL: Annual Meeting of the American College of Neuropsychopharmacology. Panel Participant: "Bipolar disorder: what is the core deficit?"
- 2007, Feb Pittsburgh, PA: Meet the PI Lecture Series, WPIC. Invited Speaker: "Neuroimaging of emotion: From normal emotion to mood disorders."
- 2007, March Sao Paulo, Brazil: Grand Rounds, Department of Psychiatry, University of Sao Paulo. "Neuroimaging of emotion: From normal emotion to mood disorders."
- 2007, April London. Depression: Brain Causes, Body consequences. Royal Society of Medicine. Invited Speaker: "Bipolar and unipolar depression: Same or different brain mechanisms?"
- 2007, April Madrid, Spain: 11th Lilly Fundacion Neuroscience Symposium: Bipolar Disorders. Hospital Clinico, Madrid. Invited Speaker: "Bipolar and unipolar depression: Same or different brain mechanisms?"
- 2007, April Nashville, TN: Vanderbilt University Department of Psychology Research Day. Key Note Speaker:
"Imaging emotion in healthy and mood-disordered populations."
- 2007, May San Diego, CA: Society of Biological Psychiatry, 62nd Annual Scientific Convention. Workshop Co-organizer and Chair: "Serotonin, amygdala and emotion: neural mechanisms underlying SRI antidepressant effects."
Workshop co-organizer and chair: "Altered processing of emotional stimuli: endophenotype for bipolar disorder?"
- 2007, June Pittsburgh, PA: Seventh International Conference on Bipolar Disorder. Symposium Speaker: "Genetics, neuroimaging and boundaries of bipolar disorder."
"Identifying biomarkers of bipolar disorder: the role of neuroimaging and neurocognition."
- 2007, Oct Mazagon, Spain: Fundacion Cerebro y Mente Bi-annual Meeting. Invited Speaker
"The neural basis of affect and anhedonia."
- 2007, Nov San Diego, CA: Annual Meeting of the Society for Neuroscience. Symposium Presenter: "Beyond the nucleus accumbens: Limbic subregions of the caudal ventral striatum."
"Imaging the limbic striatum in mood-disordered and at risk populations."
- 2008, Feb Charlestown, MA: Martinos Center, Massachusetts General Hospital, Harvard Medical School Brainmap Meeting. Invited Speaker: "Imaging emotions: From normal feelings to abnormal states."
- 2008, March Cleveland, OH: Cleveland Clinic, Psychiatry and Psychology Grand Rounds. Invited Speaker: "Imaging emotions: From normal feelings to abnormal states."
- 2008, April London, UK: Biomarkers in Health and Neuropsychiatric Disorders Round Table. Invited Speaker:
"Identifying biomarkers of bipolar disorder: Impact on improving early diagnosis and treatment of bipolar depression."
- 2008, April Vancouver, Canada: Brain Research Meeting, University of British Columbia. Invited Speaker: "Imaging emotion in the human brain: A neural systems approach toward understanding biological mechanisms of mood disorders."
- 2008, May Washington, DC: Society of Biological Psychiatry, 63rd Annual Scientific Convention. Workshop Moderator: "Functional connectivity in depression and social phobia: Clinical implications."

- Workshop Co-organizer, Chair and Speaker: "Distinguishing bipolar and unipolar depression: A lifespan perspective."
- 2008, July Harrogate, UK: British Association of Psychopharmacology Annual Meeting. Symposium Co-Chair and Speaker: Symposium: "From monoamines to emotions: Relevance to mood disorders." Talk: "Emotional processing and diagnosis of mood disorders."
- 2008, Sept Pittsburgh, PA: Healthy Minds Across America: NARSAD Sponsored Symposium. Invited Speaker: "Healthy minds - healthy emotions: Lessons from human neuroimaging studies."
- 2008, Oct Pittsburgh, PA: Pittsburgh Science 2008. Invited Speaker Spotlight Session: Brain Functional Evidence of Normative and Impaired Behavior. Invited Speaker: "Imaging emotion in the brain: From normal feelings to mood disorders."
- 2008, Oct Pittsburgh, PA: Psychiatry Area of Concentration for Medical Students. Invited Speaker: "Imaging emotion in the brain: From normal feelings to mood disorders."
- 2008, Nov Pittsburgh, PA: Department of Psychology Seminar Series. Invited Speaker: "Neuroimaging emotion in psychiatric populations: Promising future pathways."
- 2008, Dec Scottsdale, AZ: 47th Annual Meeting of the American College of Neuropsychopharmacology Pan L, Almeida J, Hassel S, Jollant F, Lawrence N, Brent D, Phillips ML: "Increased left ventrolateral prefrontal cortical and insula activity during risky decision making in adolescent suicide attempters: A potential biological marker of suicidal behavior."
- Versace A, Almeida JCR, Terwilliger R, Hassel S, Phillips ML: "White matter connectivity in neural circuitry for sensorimotor and emotion processing distinguishes bipolar from unipolar depression."
- Gilbert A, Akkal D, Almeida J, Mataix-Cols D, Kalas C, Devlin B, Birmaher B, Phillips ML: Neural correlates of symptom dimensions in pediatric obsessive-compulsive disorder: a functional Magnetic Resonance Imaging study.
- Ladouceur CD, Diwadkar V, Goradia D, Birmaher B, Axelson D, Kupfer DJ, Phillips ML: Altered prefrontal activation during and emotional N-back task in healthy offspring at risk for bipolar disorder versus healthy controls.
- Phillips ML, Versace A, Thompson W, Almeida J: Left-right asymmetry in orbitomedial prefrontal cortical-amygdala functional and structural connectivity during positive and negative emotion processing in adult bipolar disorder: a potential mechanism for mood dysregulation.
- 2009, Jan Amsterdam, Netherlands: Valerius Minisymposium, Free University of Amsterdam. Invited Speaker: "Neuroimaging of bipolar disorders."
- 2009, Feb Cardiff, UK: Royal College of Psychiatrists, Annual Academic Meeting. Invited Speaker: "Abnormal brain connectivity in mood-disordered individuals: Promising future pathways"
- 2009, March National Institutes of Mental Health. Invited Speaker: "Abnormal brain connectivity in mood-disordered youth and adults: Promising clinical implications"
- 2009, May Vancouver, BC, Canada: Society of Biological Psychiatry, 64th Annual Scientific Convention. Workshop Speaker and Moderator: "A multi-modal approach to understand risk, resilience and relapse biomarkers in mood disorders"
- Symposium Speaker: "The search for endophenotypes in bipolar disorder"
- Workshop Speaker and Moderator: "Cognitive and emotional plasticity in mood disorders and suicidal behavior"
- Symposium Speaker and Chair: "New treatments for mood disorders: Molecular mechanisms enhancing corticolimbic connectivity"

- 2009, May
Speaker: San Francisco, CA: Association of Psychological Science Annual Meeting. Symposium
“Automatic emotion regulation: Neural bases and implications for psychological health”
“A neural model of voluntary and automatic emotion regulation: Implications for understanding
the pathophysiology and neurodevelopment of bipolar disorder”
- 2009, June Medford, MA: Tufts University Symposium: Emotion Perception to Emotion Regulation.
Invited Speaker: “Brain imaging of emotion: Toward a biological understanding of mood
disorders”
- 2009, June Oxford, UK: Magdalen College. Multidisciplinary Symposium on Depression. Invited Speaker:
“Imaging emotion in the human brain: Can we understand brain mechanisms that lead to
mood disorders?”
- 2009, June Bangor, N. Wales, UK: Inaugural Meeting of the Wales Institute for Cognitive Neuroscience
(WICN) Neuroimaging Interest Group. Invited Speaker: “Abnormal structural and functional
fronto-limbic connectivity: A marker of risk for bipolar disorder.”
- 2009, June Pittsburgh, PA: 8th International Conference on Bipolar Disorders. Symposium III:
Development and Neuroimaging. Invited Speaker: “Neurobiomarkers of risk for bipolar
disorder across adolescent development”
- 2009, Oct Chicago, IL: Annual Meeting of Society for Neuroscience. Invited Presenter: Neurobiology of
Disease Workshop: The Neurobiology of Depression. Afternoon Breakout Session -
Neuroimaging Discussion Group Co-Leader.
- 2010, Jan Los Angeles, CA: Cultural and Biological Contexts of Psychiatric Disorder: Implications for
Diagnosis and Treatment. Invited Speaker: “Understanding how functional abnormalities in
brain circuitry relate to mood dysregulation in bipolar disorder.”
- 2010, March New York City, NY: Zucker Hillside Hospital Regularly Scheduled Conference. Invited
Speaker:
“Biological markers of vulnerability to bipolar disorder: Findings from neuroimaging.”
- 2010, March New York City, NY: Zucker Hillside Hospital Research Meeting. Invited Speaker:
“The neuroscience of emotion: mood regulation and mood disorder.”
- 2010, March Durham, UK: Durham University Conference on Emotion. Invited Speaker: “Abnormal brain
circuitry in mood-disordered populations: A key to understanding the neurobiology of emotion
dysregulation.”
- 2010, April Youngstown, OH: Youngstown University Grand Rounds. Invited Speaker: “The role of brain
imaging in the diagnosis and treatment of depression and bipolar disorders.”
- 2010, May Pittsburgh, PA: Meet the PI Lecture. Invited Speaker: “The neuroscience of emotion: Toward
brain imaging biomarkers of bipolar illness in adulthood and adolescence.”
- 2010, May New Orleans, LA: Society of Biological Psychiatry. 65th Annual Scientific Convention.
Symposium Chair: “Abnormalities in Reward-Related Neural Circuitry in Mood Disorders.”

Symposium Panel Presenter and co-Chair: “Implicit Emotion Regulation: Basic Mechanisms
and Clinical Relevance”

Symposium speaker: “Dissociable Patterns of Abnormal Connectivity in Implicit Emotion
Regulation Neural Circuitry in Adult Bipolar and Unipolar Depression and Mood Disorder at
Risk Youth”

Symposium Chair: “Novel Neuroimaging Approaches: Towards Personalized Patient Care.”
- 2010, June Edinburgh, UK: Royal College of Psychiatrists. Annual International Congress Sessions: The
Unipolar/Bipolar Interface: Clinical, Psychological and Neurological Facets of Ocam’s Razor
Invited Speaker: “Differentiating unipolar and bipolar depression using neuroimaging.”

- 2010, Oct Philadelphia, PA: University of Pennsylvania Health System. Invited Speaker: "Biological markers of vulnerability to bipolar disorder: Findings from neuroimaging."
- 2010, Oct Barockschloss Manheim, Germany: Collaborative Research Center 636 Learning, Memory, and Brain Plasticity: Implications for Psychopathology. Invited Speaker: "Emotion regulation neural circuitry in mood disordered adults and at risk youth: Implications for diagnosis."
- 2011, May San Francisco, CA: Society of Biological Psychiatry. 64th Annual Scientific Convention: Symposium Chair: "Addiction Biomarkers: Translational Approaches Toward Identifying Risk and Novel Treatments." And Invited Speaker: "Reward Circuitry Markers of Addiction Risk in Healthy and Bipolar Individuals."
- Symposium Chair: "Unipolar versus Bipolar Depression: Neurobiology Informing diagnosis and Future Intervention."
- Symposium Chair: "Re-thinking Psychiatric Classification Based on Brain Systems Imaging."
- Symposium: "Research Advances in Diagnosing and Treating Early Onset Bipolar disorder." Invited Speaker: "Neuroimaging Biomarkers of Future Bipolar Disorder in Clinically and Genetically at Risk Youth."
- Symposium Co-Chair: "Deconstructing Depression: Towards a Brain Circuitry Based Imaging Classification" and Invited Speaker: "Differential Patterns of Emotion Regulation Neural Circuitry Abnormalities Distinguished Bipolar and Unipolar Depression."
- 2011, June San Francisco, CA: Stanford University Grand Rounds: Invited speaker. "Neural Circuitry of Bipolar Disorder: Clinical Implications."
- 2011, June Pittsburgh, PA: Ninth International Conference on Bipolar Disorder: Invited speaker. "Rhythms, Neuroimaging, and Bipolar Disorder."
- 2011, June Boca Raton, FL: NCDEU 51st Annual Meeting: Anticipating the Future of Drug Development: New Targets, Integrative Biomarkers, and Beyond: Invited discussant. "Pre-Clinical and Clinical Glutamate Research in Bipolar Disorder: Bipolar Disorder Career Development Institute (CDI) New Investigator panel."
- 2011, Sept. Sheffield, UK: University of Sheffield Department of Academic Clinical Psychiatry seminar. Invited Speaker: "Neuroimaging Biomarkers of Bipolar Disorder in Adults and At-Risk Youth."
- 2011, Oct. Montabaur, Germany: International Society for Magnetic Resonance in Medicine: Neuroimaging Biomarkers of Psychiatric Disorders: What are They? Invited Keynote Speaker. "Value of Multiple Neuroimaging Biomarkers in Psychiatry: An Overview."
- 2011, Dec. Waikoloa, HI: American College of Neuropsychopharmacology Annual Meeting: Invited Speaker: "Circadian Gene and Sleep Modulation of Reward Circuitry: Implications for Vulnerability to Bipolar Disorder."
- Invited Speaker: "Abnormal Structural and Functional Integrity of Emotion Regulation Neural Circuitry Differentiates Healthy Adolescents at High Risk for Mood Disorders from Healthy Low-Risk Adolescents."
- Poster Presentation: "Elucidating Functional Relationships Between Ventral Striatal Dopamine Release and Prefrontal Cortical-Striatal Activity in Human Reward Circuitry with fMRI and [11C]Raclopride PET: New Data"
- Poster Presentation: "In-Vivo Monitoring of Sodium-Potassium ATPase in Euthymic Lithium-Treated Bipolar Disorder Subjects."

- 2012, May Philadelphia, PA: Society of Biological Psychiatry. 65th Annual Scientific Convention: Symposium Chair: "Aberrant Neural Circuitry of Positive Valence System Constructs Across Different Mood Disorders" and Invited Speaker: "Behavioral Dimensions and Neural Circuitry Function in Positive Valence System Constructs Across Different Mood Disorders"
- Poster session: "Variation in Bipolar Symptomatology within Unipolar Depressed Individuals Predicts Anticipation-Related Activation in Ventrolateral Prefrontal Cortex"
- Poster session: "Emotional Processing in Adolescent Suicide Attempters"
- Poster session: "Neural Correlates of Reward Processing in Youth with Elevated Symptoms of Mania"
- Poster session: "Gender Differences in Relationships Between Elevated Symptoms of Mania and Anterior Cingulate and Dorsolateral Prefrontal Cortical Activity in Youth"
- Poster session: "Individual Differences in Amygdala Activity among Depressed Adults: Moving Beyond Diagnostic Categories"
- Poster session: "Examining Dorsomedial Prefrontal Cortical Glutamate Concentration- BOLD Signal Relationships During Emotional Processing"
- Poster session: "MPFC and Anhedonia in Major Depressive Disorder: ACC Activation to Positive Social Emotional Stimuli"
- Poster session: "Relationship Between Parental History of Mania and Amygdala Activity During Implicit Processing and Emotional Faces"
- Poster session: "Direct and Indirect Amygdala-Prefrontal Cortex Fiber Reconstruction in Adults with Bipolar Disorder"
- 2012, May Bethesda, Md. National Institute of Mental Health. Invited Speaker: "BIOS, the Bipolar Offspring Study"
- 2012, July Liverpool, UK. International Congress of the Royal College of Psychiatrists 2012-Invited Speaker. "Emotion Regulation and Bipolar Disorder."
- 2012, August Summer Series in Mood Disorders, Department of Psychiatry, Pittsburgh University. Invited speaker: "Examining Neural Circuitry in Human Mood Disorders: Dimensional and Categorical Approaches"
- 2012, Sept. Pittsburgh, Pa. Western Psychiatric Institute and Clinic; Developmental Affective Neuroscience Symposium. Invited Speaker: "Abnormal Positive Affect Circuitry in Youth at-Risk for Bipolar Disorder."
- 2012, Oct. Philadelphia, Pa. Epigenetics: Opportunities for Sleep and Circadian Research. Invited Speaker: "Circadian Gene and Sleep Modulation of Reward Circuitry"
- 2012, Oct Exeter, UK: University of Exeter Department of Psychology Weekly Seminar Series. Invited Speaker: "Examining Neural Circuitry in Human Mood Disorders: Dimensional and Categorical Approaches."
- 2012, Dec Hollywood, FL: American College of Neuropsychopharmacology (ACNP) 51st Annual Meeting. Discussant. "Corticosteroid Receptors as Pharmacologic Targets in Psychiatry."

- 2013, Feb Marrakech, Morocco: 17th Biennial Winter Workshop in Psychosis. Invited Keynote Speaker: "Neuroimaging Approaches to Understanding Psychopathology Across the Mood Disorders Spectrum."
- 2013, March Alberta, Calgary: University of Calgary Department of Psychiatry Grand Grounds. Invited Speaker: "Understanding Bipolar Disorder Pathophysiology: Neuroimaging Approaches."
- 2013, May Montreal, Canada: 2013 International Conference on Eating Disorders. Invited Speaker: "Mood Regulation, Neural Circuitry and Pathophysiologic Processes in Mood Disordered and at Risk Individuals: Neuroimaging Approaches."
- 2013, May San Francisco, Ca: 67th Annual Convention of the Society of Biological Psychiatry. Symposium Co-Chair: "Computational Psychiatry: Emerging Use of Computational Models of Reinforcement Learning in Mood Disorders."
- Invited Symposium Speaker: "Amygdala-Ventrolateral Prefrontal Cortical Functional Connectivity: Risk Biomarkers for Bipolar Disorder in Adults and Youth."
- Symposium Co-Chair: "The Promise of Machine Learning Approaches: Can We Really Translate Neuroimaging Findings into Patient Benefit?"
- 2013, May American Psychiatric Association 166th Annual Meeting. Invited Speaker: "Diagnostic Issues in Bipolar Disorder: Clinical and Neuroimaging Approaches."
- 2013, June Alberta, Calgary: Hotchkiss Brain Institute Grand Grounds. Invited Speaker: "Neural biomarkers of risk for mood disorders in youth and adults: neuroimaging approaches."
- 2013, June Miami, FL: 10th International Conference on Bipolar Disorder: Invited speaker. "Neural Circuitry Supporting Reward Processing in Adult Bipolar Disorder: Categorical and Dimensional Perspectives."
- 2013, Sept. Ann Arbor, Michigan: University of Michigan Department of Psychiatry Grand Rounds: Invited speaker. "Deconstructing emotion regulation neural circuitry in mood disordered and at risk individuals: neuroimaging approaches"
- 2013, Oct. Orlando, FL: 2013 Annual Meeting of the American Academy of Child and Adolescent Psychiatry. Invited Speaker: Symposium Title: Understanding the Role of the Ventrolateral Prefrontal Cortex in Pediatric Emotion Dysregulation. Presentation Title: "More severe developmental trajectory of behavioral and emotion dysregulation in youth is associated with reduced functional integrity in lateral prefrontal cortical-amygdala circuitry during emotion regulation."
- Discussant: "Brain Connectivity in Adolescents with and At-Risk for Mood Disorders."

Presentations: Mentees

- 2005 Savannah, GA: 10th International Congress on Schizophrenia.
Phillips ML, Hassel S, Walsh N, Siegle G, Kerr N, Ladouceur C, Almeida J, Fissell K, Kupfer DJ:
 "Abnormal cortico-amygdala activity during emotion cognition: Distinguishing bipolar disorder, unipolar depression and schizophrenia."

- 2006 Hollywood, FL: 45th Annual Meeting of the American College of Neuropsychopharmacology. Ladouceur CD, Almeida JRC, Birmaher B, Axelson DA, Kupfer DJ, **Phillips ML**: "Cortical and subcortical gray matter volume differences in healthy bipolar offspring: Potential neuroanatomical risk and protective markers in bipolar disorder."
- 2007 Boston, MA: American Academy of Child and Adolescent Psychiatry Annual Meeting. Poster Session. Pan LA, Hassel S, Nau S, Brent DA, and **Phillips ML**: "fMRI markers of early onset suicide attempt."
- 2007 Pittsburgh, PA: International Conference on Bipolar Disorder. Almeida JRC, Hassel S, Kerr N, Walsh N, Nau S, Versace A, Kupfer DJ, **Phillips ML**: "Activation pattern during emotion processing in depressed bipolar disorder patients."
- 2007 Pittsburgh, PA: International Conference on Bipolar Disorder. Hassel S, Almeida JRC, Kerr N, Nau S, Kupfer DJ, **Phillips ML**: "Increased activity in the ventral striatum to mild happy faces: A potential neural marker for bipolar disorder?"
- 2007 Pittsburgh, PA: Oral presentation at the Annual WPIC Research Day. Pan LA, Hassel S, Nau S, Brent DA, and **Phillips ML**: "fMRI markers of early onset suicide attempt."
- 2007 San Diego, CA: 62nd Annual Scientific Meeting of the Society of Biological Psychiatry. Almeida JRC, Hassel S, Kerr N, Walsh N, Nau S, Versace A, Kupfer DJ, **Phillips ML**: "Emotional challenge related to functional neural abnormalities in dorsolateral pre-frontal cortical activity are mood state-dependent in bipolar disorder."
- 2007 San Diego, CA: 62nd Annual Scientific Meeting of the Society of Biological Psychiatry. Gilbert AR, Akkal D, Almeida J, Mataix-Cols D, Kalas C, Devlin B, Birmaher B, **Phillips ML**: "Neural correlates of symptom dimensions in pediatric obsessive-compulsive disorder (OCD): A functional magnetic resonance imaging study."
- 2007 San Diego, CA: 62nd Annual Scientific Meeting of the Society of Biological Psychiatry. Hassel S, Almeida JRC, Kerr N, Nau S, Kupfer DJ, **Phillips ML**: "Is increased activity in the ventral striatum to mild happy faces a potential neural marker for bipolar disorder?"
- 2008 Scottsdale, AZ: American College of Neuropsychopharmacology Annual Meeting. Poster Session. Pan LA, Hassel S, Almeida J, Jollant F, Lawrence NS, Brent DA, **Phillips ML**: "Increased left ventrolateral prefrontal cortical and insula activity during risky decision-making in adolescent suicide attempters: A potential biological marker of suicidal behavior."
- 2008 Washington, DC: Society of Biological Psychiatry Annual Meeting. Poster Session. Pan LA, Hassel S, Nau S, Brent DA, **Phillips ML**: "fMRI markers of early onset suicide attempt: Evidence of decreased activation in the medial prefrontal cortex."
- 2008 Chicago, IL: 12th Biennial Meeting of the Society for Research on Adolescence. Oral Presentation in Symposium. "Advances in Measuring Emotion Regulation in Adolescence: Bridging between the Neuroscience Lab and Adolescents' Real Worlds." Ladouceur CD, Silk JS, Ostapenko L, Dahl RE, Kronhaus D, **Phillips ML**: "Emotional facial expressions influence performance on a working memory task: A developmental study."
- 2008 Chicago, IL: 55th Annual Meeting of the American Academy of Child & Adolescent Psychiatry. Farchione TR, Ladouceur CD, Hassel S, Gill MK, Axelson DA, Birmaher B, **Phillips ML**: "Response to Presentation of: Emotional faces differentiates children with bipolar disorder from healthy controls."
- 2008 Washington, DC: 63rd Annual Convention of the Society of Biological Psychiatry. Neural Systems Underlying Implicit Emotional Information Processing in Healthy Offspring at Risk of Depression and Bipolar Disorder.
Ladouceur CD, Almeida JRC, Birmaher B, Axelson DA, Kupfer DJ, **Phillips ML**: Oral presentation in Workshop entitled: "Distinguishing bipolar and unipolar depression: A lifespan perspective." (Chair: ML Phillips, MD)
- 2008 Scottsdale, AZ: Meeting of the American College of Neuropsychopharmacology (ACNP).

- Ladouceur CD, Diwadkar V, Gordia D, Birmaher B, Axelson DA, Kupfer DJ, **Phillips ML**: "Altered prefrontal activation during an emotional n-back task in healthy offspring at risk for bipolar disorder versus healthy controls."
- 2008 Washington, DC: Society of Biological Psychiatry's 63rd Annual Scientific Program and Convention. Akkal D, Gilbert A, Kalas C, **Phillips ML**: "Inhibitory control processes in children and adolescents with obsessive compulsive disorder (OCD): An early stage fMRI study."
- 2008 Washington, DC: Society of Biological Psychiatry's 63rd Annual Scientific Program and Convention. Gilbert AR, Akkal D, Mataix-Cols D, Almeida J, Kalas C, Devlin B, Birmaher B, **Phillips ML**: "Neural correlates of symptom dimensions in pediatric OCD."
- 2008 Chicago, IL: 55th Annual Meeting Sheraton Chicago Hotel and Tower. American Academy of Child and Adolescent Psychiatry. Gilbert AR, Akkal D, Almeida J.R.C., Devlin BJ, Birmaher B, Mataix-Cols D, Kalas C, **Phillips ML**: "Obsessive compulsive disorder symptom dimensions in children and adolescents: An fMRI study."
- 2008 Washington, DC: 63rd Annual Convention of the Society of Biological Psychiatry. Hassel S, Almeida JRC, Versace A, Nau SA, Klein C, Frank E, Kupfer DJ, **Phillips ML**: "Neural correlates of facial emotion recognition correlate with spectrum measures in bipolar disorder."
- 2008 Washington, DC: 63rd Annual Convention of the Society of Biological Psychiatry. Almeida JRC, Mechelli A, Hassel S, Versace A, Walsh N, Kupfer DJ, **Phillips ML**: "Increased functional connectivity in the paralimbic-ventral prefrontal cortical system during emotion processing in bipolar disorder: A dynamic causal modeling approach."
- 2008 Washington, DC: 63rd Annual Convention of the Society of Biological Psychiatry. Versace A, Almeida JRC, Hassel S, Walsh N, Novelli M, Klein C, Kupfer DJ, **Phillips ML**: "Increased fractional anisotropy in left orbito-frontal white matter revealed by tract-based spatial statistics in adult bipolar disorder: A potential biomarker of bipolar disorder."
- 2008 Washington, DC: 63rd Annual Convention of the Society of Biological Psychiatry. Gilbert AR, Akkal D, Mataix-Cols D, Almeida J, Kalas C, Devlin B, Birmaher B, **Phillips ML**: "Neural correlates of symptom dimensions in pediatric OCD."
- 2008 Washington, DC: Society of Biological Psychiatry Conference. Keener MT, Dahl R, Thomas E, **Phillips ML**: "A novel neurocognitive test examining the impact of emotion upon self-recognition: Of possible future relevance to bipolar disorder."
- 2009 Hollywood, FL: American College of Neuropsychopharmacology Annual Meeting Poster Sessions.
Pan
LA, Batezati-Alves S, Akkal D, Hassel S, Brent DA, and Phillips ML: "Reduced activity within a cingulo frontal-parietal network during response inhibition: A potential vulnerability marker for adolescent suicidal behavior."
- 2009 Pittsburgh, PA: International Conference on Bipolar Disorder Poster Presentation. Mullin BC, Versace A., Ladouceur CD, **Phillips ML**: "Increased dorsolateral prefrontal cortex activation in euthymic bipolar adults during performance of an emotional working memory task."
- 2009 Vancouver, B.C., Canada: Meeting of the Society of Biological Psychiatry. Moses-Kolko EL, James J, Wisner KL, Sit D, KY, Saul AT, **Phillips ML**: "Brain responses to emotional faces in postpartum depression."
- 2009 Vancouver, B.C., Canada: Society of Biological Psychiatry Conference. Keener MT, Dahl R, **Phillips ML**: "An investigation of the self-other boundary in bipolar disorder: The impact of emotion upon self-recognition."
- 2009 Vancouver, B.C., Canada: 64th Annual Convention of the Society of Biological Psychiatry. Belleau E, Ladouceur CD, Birmaher B, Axelson A, **Phillips ML**: "Deficits in executive attention in offspring at high familial risk for mood disorders."

- 2009 Vancouver, B.C., Canada: 64th Annual Convention of the Society of Biological Psychiatry. Farchione TR, Diwardkar V, Ladouceur CD, Hassel S, Axelson DA, Birmaher B, **Phillips ML**: "Patterns of BOLD response to presentation of emotional faces in children with syndromal and sub threshold symptoms of bipolar disorder."
- 2009 Pittsburgh, PA: 9th International Conference on Bipolar Disorders. Romero S, Versace A, Ladouceur CD, Birmaher B, Axelson D, **Phillips ML**: "White matter abnormalities in healthy bipolar offspring: A diffusion tensor imaging study."
- 2009 Pittsburgh, PA: 9th International Conference on Bipolar Disorder. Mullin BC, Versace A, Ladouceur CD, **Phillips ML**: "Reduced DLPFC activation in adults with bipolar disorder during an emotional working memory task."
- 2009 Pittsburgh, PA: 9th International Conference on Bipolar Disorder. Farchione TR, Ladouceur CD, Diwardkar V, Hassel S, Axelson DA, Birmaher B, **Phillips ML**: "Pattern of BOLD response to presentation of emotional faces in children with syndromal and sub threshold symptoms of bipolar disorder."
- 2009 Hollywood, FL: Meeting of the American College of Neuropsychopharmacology (ACNP). Ladouceur CD, Romero S, Birmaher B, Axelson DA, Kupfer DJ, **Phillips ML**: "Differences in the neural circuitry engaged during response inhibition in healthy offspring at risk for bipolar disorder versus healthy controls."
- 2009 San Francisco, CA: Human Brain Mapping. Kerestes K, Ladouceur CD, Meda S, Blumberg H, Nathan P, Maloney K, Ruff B, Saricicek A, Pearlson G, Bhagwagar Z, **Phillips ML**: "A novel paradigm for examining interfering effects of emotional distracters during a working memory task."
- 2009 Pittsburgh, PA: Western Psychiatric Institute and Clinic (WPIC) Day. Akkal D, Gilbert A, Batezati S, Kalas C, **Phillips ML**: "Identifying neural markers of obsessive compulsive disorder (OCD) in pediatric OCD using fMRI technique."
- 2009 Hollywood, FL: 48th American College of Neuropsychopharmacology Annual Meeting. Pan LA, Batezati-Alves SC, Akkal D, Hassel S, Brent DA, **Phillips ML**: "Reduced activity within a cingulo-frontal-parietal network during response inhibition: A potential vulnerability marker for adolescent suicidal behavior."
- 2009 Vancouver, B.C., Canada: 64th Annual Convention of the Society of Biological Psychiatry. Almeida JRC, Versace A, Mechelli A, Hassell S, Quevedo K, Kupfer DJ, **Phillips ML**: "Orbitomedial prefrontal cortical-amygdala effective connectivity during positive emotional processing discriminates bipolar from major depression."
- 2009 Vancouver, B.C., Canada: 64th Annual Convention of the Society of Biological Psychiatry. Gilbert AM, Almeida J, Versace A, LaBarbara E, Klein C, Frank E, **Phillips ML**: "Sustained pupil response in remitted bipolar patients compared to healthy controls."
- 2009 Vancouver, B.C., Canada: 64th Annual Convention of the Society of Biological Psychiatry. Nusslock R, Almeida JRC, Forbes EE, Versace A, LaBarbara EJ, Klein C, **Phillips ML**: "Increased right ventrolateral prefrontal cortical activity during reward anticipation in euthymic bipolar adults."
- 2009 Vancouver, B.C., Canada: 64th Annual Convention of the Society of Biological Psychiatry. Gilbert AR, Almeida J, Mataix-Cols D, **Phillips ML**: "Structural and functional neural correlates of pediatric OCD symptom dimensions."
- 2009 Pittsburgh, PA: 8th Annual Bipolar Disorders Conference. Keener MT, Dahl RE, Saunders AC, **Phillips ML**: "Positive emotion and the self-other boundary in bipolar disorder."
- 2009 Vancouver, B.C., Canada: Society of Biological Psychiatry. Forbes EE, **Phillips ML**, Ryan ND, Moyles DL, Tarr JA, Dahl RE: "Threat-related brain function in adolescents: Effects of pubertal maturation and relation to subjective negative affect and depressive symptoms."
- 2009 Pittsburgh, PA: 8th International Conference on Bipolar Disorder. Almeida JRC, Versace A, Mechelli A,

Hassel S, Quevedo K, Kupfer DJ, **Phillips ML**: “Left top-down regulation discriminates bipolar from major depression during positive emotion processing.”

- 2009 Pittsburgh, PA: 8th International Conference on Bipolar Disorder. Gilbert AM, Almeida J, Versace A, LaBarbara E, Klein C, Frank E, **Phillips ML**: “Pupil responses to emotional faces in remitted bipolar patients compared to healthy controls.”
- 2009 Pittsburgh, PA: 8th International Conference on Bipolar Disorder. Nusslock R, Almeida JRC, Forbes EE, Versace A, LaBarbara EJ, Klein C, **Phillips ML**: “Increased right ventrolateral prefrontal cortical activity during reward anticipation among euthymic bipolar individuals.”
- 2009 Pittsburgh, PA: 8th International Conference on Bipolar Disorder. Versace A, Almeida JRC, Quevedo K, Thompson WK, Terwilliger R, Hassel S, Kupfer DJ, **Phillips ML**: “First biologically-relevant markers for mood disorder diagnosis.”
- 2009 49th Annual Meeting of the Society for Psychophysiological Research. Nusslock R, Almeida JR, Forbes EE, Versace A, LaBarbara E, Klein C, **Phillips ML**: “Right ventrolateral prefrontal cortical activity is increased during reward anticipation in euthymic bipolar adults.”
- 2009 Madison, WI: Health Emotions Research Symposium. Keener MT, Quevedo K, Dahl RE, **Phillips ML**: “Emotional expression and the self-other boundary in bipolar disorder.”
- 2009 Hollywood, FL: 48th Annual Meeting of the American College of Neuropsychopharmacology. Almeida J, Versace A, Langenecker S, Kronhaus D, LaBarbara E, Kupfer D, **Phillips ML**: “Abnormal inverse prefrontal cortical-amygdala effective connectivity during emotion processing: A potential pathophysiological mechanism in major depressive disorder”
- Ladouceur CD, Romero S, Birmaher B, Axelson D, Kupfer D, **Phillips ML**: “Differences in neural circuitry engaged during response inhibition in healthy offspring at risk for bipolar disorder versus healthy controls”
- Gilbert A, Almeida J, Mataix-Cols D, **Phillips ML**: “Structural neural correlates of symptom dimensions in pediatric OCD”
- Pan L, Batezati-Alves S, Akkal D, Hassel S, Brent D, **Phillips ML**: “Reduced activity within a cingulo-fronto-parietal network during response inhibition: A potential vulnerability marker for adolescent suicidal behavior”
- 2010 New Orleans, LA: 65th Annual Convention of the Society of Biological Psychiatry. Hassel S, Almeida J, Versace A, Kupfer DJ, **Phillips ML**: “Bipolar and unipolar depression are distinguished by patterns of abnormal occipital activity to happy and sad facial expressions.”
- 2010 New Orleans, LA: 65th Annual Convention of the Society of Biological Psychiatry. Nusslock R, Almeida JRC, Forbes EE, Versace A, LaBarbara EJ, Klein C, **Phillips ML**: “Increased striatal activation during reward anticipation in euthymic bipolar adults.”
- 2010 New Orleans, LA: 65th Annual Convention of the Society of Biological Psychiatry. Gilbert AR, Almeida JRC, Akkal D, Mataix-Cols D, Rosenberg D, **Phillips ML**: “Neural imaging markers for obsessive compulsive disorder in children and adolescents.”
- 2010 New Orleans, LA: 65th Annual Convention of the Society of Biological Psychiatry. Travis MJ, Forbes E, Mason NS, Almeida J, Batezani S, Velasquez N, Rodriguez E, Frankle WG, Narendran R, **Phillips ML**: “Combining a fMRI-based reward processing task and c11-raclopride PET to identify the role of ventral striatal dopaminergic mechanisms in reward processing- preliminary data.”
- 2010 New Orleans, LA: Society for Biological Psychiatry Conference.

- Ladouceur CD, Farchione TR, Pruitt P, Diwardkar V, Axelson DA, Birmaher B, **Phillips ML**: “Reduced lateral prefrontal cortex activation during an emotional working memory task in pediatric bipolar disorder.”
- 2010 New Orleans, LA: Society for Biological Psychiatry Conference. Keener MT, Quevedo K, Dahl RE, **Phillips ML**: “Positive emotional expression and the self-other boundary in bipolar disorder.”
- 2010 New Orleans, LA: Society for Biological Psychiatry Conference. Poster presented at special Late Breaking Abstracts Session. Forbes EE, **Phillips ML**, Ferrell RE, Nimgaonkar VL, Mansour H, Sciarillo SR, Dahl RE: “Per2 genotype and circadian-related neural response to reward in adolescents.”
- 2010 Sao Paulo, Brazil: 4th Biennial Conference of the International Society of Bipolar Disorders. Diler RS, Romero S, Ladouceur C, Almeida J, Axelson D, Birmaher B, **Phillips ML**: “Functional neuroimaging and cognitive control process in depressed bipolar youth.”
- 2010 San Antonio, TX: Annual Meeting of the Associated Professional Sleep Societies. In Late Breaking Abstracts. Forbes EE, **Phillips ML**, Ferrell RE, Nimgaonkar VL, Mansour H, Sciarillo SR, Dahl RE: “Per2 genotype impacts reward-related brain function associated with circadian characteristics in adolescents.”
- 2010 Pittsburgh, PA: WPIC Research Day. Keener MT, Quevedo K, Dahl RE, **Phillips ML**: “Positive emotional expression and the self-other boundary in bipolar disorder.”
- 2010 World Congress of Behavioral and Cognitive Therapies. Oral presentation in Symposia entitled “Charting New Biological Mechanisms Involved in Emotional and Cognitive Disturbance in Bipolar Disorder.” (Chair: J. Gruber). Almeida JRC, **Phillips ML**. Amygdala and prefrontal abnormalities differentiating depression in Bipolar Disorder and Major Depressive Disorder.
- 2010 Pittsburgh, PA: Meeting of the Marce Society. Moses-Kolko EL, Perlman SB, Wisner KL, James J, Saul AT, **Phillips ML**: “Abnormally reduced dorsomedial prefrontal cortical activity and effective connectivity with amygdala to negative emotional faces in postpartum depression.”
- 2010 Association for Behavioral and Cognitive Therapies. Oral presentation in Symposia entitled “Exploring Emotional and Cognitive Mechanisms in Bipolar Disorder” (Chair: J. Gruber), Almeida JRC, **Phillips, ML**. “Amygdala and prefrontal abnormalities differentiating depression in Bipolar Disorder and Major Depressive Disorder.”
- 2010 Miami Beach, Miami, FL. 49th Annual Meeting of the American College of Neuropsychopharmacology Almeida, JRC, **Phillips, ML**. (December 2010) - “hot topic” - Subgenual resting blood flow accurately discriminate depressed individuals as bipolar I versus unipolar using arterial spin labeling pattern recognition analysis.
- Miami Beach, Miami, FL. 49th Annual Meeting of the American College of Neuropsychopharmacology Ladouceur CD, Farchione T, Diwadkar V, Pruitt P, Radwan J, Axelson DA, Birmaher B, **Phillips ML**. (December, 2010). Differential patterns of abnormal amygdala-prefrontal cortical activity and connectivity to emotional faces in bipolar and bipolar NOS youth.
- Miami Beach, Miami, FL. 49th Annual Meeting of the American College of Neuropsychopharmacology Pan LA, Batezati-Alves S, Almeida, JRC, Segreti A, Akkal D, Hassel S, Lakdawala S, Brent DA, **Phillips ML**. (December 2010). Dissociable patterns of abnormal cingulo-frontal-parietal activity during response inhibition and motor control in depressed adolescents with and without a history of suicidal behavior.
- 2011 Innsbruck, Austria: 16th Biennial Winter Workshop in Psychoses. Almeida JRC, **Phillips ML**. Brain imaging in bipolar disorder: Towards a bio-signature.
- 2011 San Francisco, CA: Society of Biological Psychiatry. 66th Annual Scientific Convention.

Almeida, JRC: "Unipolar versus Bipolar Depression: Neurobiology Informing diagnosis and Future Intervention."

Nusslock R: "Re-thinking Psychiatric Classification Based on Brain Stems Imaging."

Mullin BC, **Phillips ML**, Siegle GJ, Buysse DJ, Forbes EE, Franzen PL. "Elevated ventral striatal reactivity to reward following sleep deprivation."

Ladouceur C: "Altered prefrontal activation during an emotional working memory task in adults with childhood ADHD relative to healthy adults: preliminary findings."

"Influence of puberty on neural systems of emotion processing and regulation in healthy bipolar offspring: preliminary data."

"Deficits in attentional control processes in youth at high familial risk for bipolar and unipolar depression: potential endophenotype for mood disorders?"

Bebko G: "The LPP as an electrophysiological correlate of emotion regulation success."

Bertocci M: "Dorsolateral prefrontal cortex and amygdala activation in response to fearful faces in a depressed sample."

Moreines J: "Reduced white matter integrity and altered white matter asymmetry in adults with bipolar disorder revealed by tract-based spatial statistics."

Moses-Kolko E: "Altered reward processing in post-partum major depression: an fMRI study."

Keener M: "Cortical midline alterations during implicit identity processing in bipolar disorder."

Perlman S: "Dissociable patterns of abnormal amygdala activity and prefrontal cortical-amygdala effective connectivity to positive versus negative emotional faces in bipolar disorder and remission."

Quevedo K: "Knowing what is won or lost: functional neural circuitry in chronic depressed patients during anticipation and receipt of outcomes."

Fourier J: "Responses to particular negative emotional stimuli discriminate bipolar from unipolar depression."

2011 Pittsburgh, PA: Ninth International Conference on Bipolar Disorder. Ladouceur CD, Dahl RE, Birmaher B, Axelson DA, **Phillips ML**. "Influence of Puberty on Neural Correlates of Emotional Information Processing in Healthy Adolescents at High Familial Risk for Bipolar Disorder: Preliminary Data."

2011 Pittsburgh, PA: Ninth International Conference on Bipolar Disorder. Nusslock R, Almeida j, Forbes EE, Versace A, LaBarbara EJ, Klein CR, **Phillips ML**. "Waiting to Win: Elevated Striatal and Orbitofrontal Cortical Activity During Reward Anticipation in Euthymic Bipolar Adults." Recipient of the Samuel Gershon Award for Junior Investigators.

2011 Pittsburgh, PA: Ninth International Conference on Bipolar Disorder.

Caseras X, Lawrence NS, **Phillips ML**. "Increased Striatal Response to Positive Stimuli in Bipolar Patients Compared to Controls. To What Extent do Bipolar I and Bipolar II Patients Share this Phenotype?"

2012 Philadelphia, PA: 67th Annual Convention of the Society of Biological Psychiatry.

(Oral Presentation): Chase, H: "Lower amygdala-posterior cingulate connectivity in depressed compared to non-depressed post-partum women."

Poster Sessions

Chase HW, Nusslock R, Forbes E, Frank E, **Phillips ML**. Variation in Bipolar Symptomatology within Unipolar-Depressed Individuals Predicts Anticipation-Related Activation in Ventrolateral Prefrontal Cortex.

Fournier JC, Keener MT, Almeida JRC, Frank E, **Phillips ML**. Individual Differences in Amygdala Activity among Depressed Adults: Moving Beyond Diagnostic Categories.

Pan L, Hassel S, Segreti A, Nau SA, Brent DA, **Phillips ML**. Emotional Processing in Adolescent Suicide Attempters.

Bebko GM, Bertocci MA, Hinze AK, Findling RL, Kowatch RA, Birmaher B, Axelson DA, Horowitz SM, Fristad MA, **Phillips ML**. Neural Correlates of Reward Processing in Youth with Elevated Symptoms of Mania.

Bertocci MA, Bebko GM, Hinze AK, Findling RL, Kowatch RA, Birmaher B, Axelson DA, Horowitz SM, Fristad MA, **Phillips ML**. Gender Differences in Relationships Between Elevated Symptoms of Mania and Anterior Cingulate and Dorsolateral Prefrontal Cortical Activity in Youth.

Hafeman D, Bebko GM, Bertocci MA, Hinze AK, Gill MK, Axelson DA, Birmaher B, Demeter C, Findling R, Kowatch RA, **Phillips ML**. Relationship Between Parental History of Mania and Amygdala Activity During Implicit Processing of Emotional Faces.

Versace A, Almeida JRC, Moreines J, **Phillips ML**. Direct and Indirect Amygdala-Prefrontal Cortex Fiber Reconstruction in Adults with Bipolar Disorder.

2012 Hollywood, FL: American College of Neuropsychopharmacology (ACNP) 51st Annual Meeting.

Chase HW, Aslam H, Almeida JRC, Phillips ML. Haste or Speed? Balancing Speed and Accuracy During a Motivated Reaction Time Task in Remitted and Depressed Patients with Bipolar Disorder.

Hafeman D, Bebko GM, Bertocci MA, Chase HW, Perlman S, Hinze AK, Gill MK, Demeter C, Diwadkar V, Sunshine J, Axelson DA, Birmaher B, Kowatch R, Findling RL, **Phillips ML**. Impact of Genetic Risk for Bipolar Disorder on Emotion Regulation Circuitry in a Population of Symptomatic Youth.

2013 San Francisco, Ca: 68th Annual Convention of the Society of Biological Psychiatry.

(Oral Presentation) Fournier JC, Chase HW, Almeida JRC, **Phillips, ML**. Six-month stability in fMRI markers of emotion processing in depressed and healthy control participants.

(Oral Presentation) Chase, HW. Invited Symposium Speaker: Understanding Anhedonia: A neurocomputational approach.

(Oral Presentation) Moses-Kolko E, Hipwell AE, Almeida JRC, Zevallos C, Stepp SD, **Phillips ML**. Increased pregenual cingulate activity to sad faces at four months post-partum predicts future depressive symptoms.

(Oral Presentation) Versace A, Andreazza A, Young TL, Fournier J, Almeida JRC, Nimgaonkar V, Kupfer DJ, **Phillips ML**. Elevated Serum Measures of Lipid Peroxidation and Abnormal Prefrontal White Matter in Euthymic Bipolar Adults: Toward Peripheral Biomarkers of Bipolar Disorder

(Oral Presentation) Bertocci M: Identifying Biomarkers of Risk for Bipolar Disorder and Affective Pathology in Youth

(Oral Presentation) Almeida JRC. Invited Speaker: Differentiating Bipolar Depression from Unipolar Depression using different Neuroimaging Technologies

(*Blue Ribbon Top 51 Poster for 2013 SOBP Convention) Bebko G, Bertocci MA, Fournier JC, Hinze AK, Bonar AK, Almeida JRC, Perlman SB, Versace A, Schirda C, Travis M, Gill MK, Demeter C, Diwadkar VA, Ciuffetelli G, Rodriguez E, Olinio T, Forbes E, Sunshine JL, Holland SK, Kowatch RA, Birmaher B, Axelson D, Horowitz SM, Arnold LE, Fristad MA, Youngstrom EA, Findling RL, **Phillips ML**.

Parsing dimensional vs diagnostic category-related patterns of reward circuitry function in behaviorally and emotionally dysregulated youth in the Longitudinal Assessment of Manic Symptoms Bertocci M. Latent Class Analysis of Parent General Behavior Inventory-10 Item Mania Scale Associated with Neural Response on an Emotion Regulation Task.

Hafeman D, Bebko G, Bertocci M, Chase HW, Perlman SB, Gill MK, Demeter C, Diwadkar V, Sunshine JL, Axelson DA, Birmaher B, Kowatch R, Findling R, **Phillips ML**. Neural Correlates of Emotion Dysregulation in Youth Abnormal Deactivation of the Anterior Cingulate During an Implicit Emotion Processing Task.

Other Research Related Activities

Editorial and Reviewer Commitments

- 2013-Present Editorial Board, *Bipolar Disorders*
- 2010-Present Editorial Board, *Biology of Mood & Anxiety Disorder*
- 2010-Present Editorial Board, *Mind and Brain*
- 2008-Present Editorial Board, *Biological Psychiatry*
- 2007-Present Editorial Board, *The Open Psychiatry Journal*
- 2003-2008 Editorial Board, *Clinical Approaches in Bipolar Disorders*
- 1998-2001 Editorial Board, *Journal of Advances in Schizophrenia and Brain Research*. Remedica Publishing
- Present Reviewer for: *Archives of General Psychiatry, American Journal of Psychiatry, Behavioural and Brain Sciences, Biological Psychiatry, Bipolar Disorders, Brain, British Journal of Psychiatry, Clinical Approaches in Bipolar Disorder, Cognitive Neuropsychiatry, Cerebral Cortex, Cortex, European Journal of Neuroscience, Human Brain Mapping, Journal of Abnormal Psychology, Journal of the American Academy of Child and Adolescent Psychiatry, Journal of Child Psychology and Psychiatry and Allied Disciplines, Journal of Neurology, Journal of Neuroscience, Nature Reviews Neuroscience, Neurosurgery and Psychiatry, Neuroimage, Neuropsychologia, Neuropsychopharmacology, Proceedings of the Royal Society, Series B, Psychiatry Research, Psychiatry Research: Neuroimaging, Psychological Medicine, Journal Neuroscience, Science.*
- Present: Reviewer for: Neuroscience and Mental Health panel of the Wellcome Trust, UK
The Medical Research Council (UK)
The Nuffield Foundation (UK)
The Biotechnology and Biological Sciences Research Council (UK)
NIMH Challenge Grants (first round reviewer)
NIH Loan Repayment Awards
National Science Foundation (USA)
The Brain and Behavior Research Foundation (NARSAD)
Member of the review panel in 2012 for NIH for the RFA:-MH-12-130 (FOA: Basic Research on Decision Making: Cognitive, Affective and Developmental Perspectives.

Conference Organization

1996	Organization of a Symposium: <i>Perceptual Processes in Psychosis</i> at the Joint Meeting of the Association of European Psychiatrists and the Royal College of Psychiatrists.
1996-2000	Co-organization of <i>Cognitive Neuropsychiatry Seminar</i> series, Department of Psychological Medicine, Institute of Psychiatry.
2000	Joint organizer of Institute of Psychiatry <i>Matter to Mind</i> symposium on schizophrenia research
2001	Joint organizer of Institute of Psychiatry <i>Matter to Mind</i> symposium on bipolar affective disorder research
2001-2005	Meeting organizer for Section of Neuroscience and Emotion, Division of Psychological Medicine, The Institute of Psychiatry
2005-2006	Joint organizer of <i>Psychosis Interest Group</i> meetings, Institute of Psychiatry
2012	Organizing Committee, International Congress on Schizophrenia Research

Advisory Boards and Committees

2006, Oct-Present	Member of the International Advisory Board for Center for Integrated Molecular Brain Imaging (Cimbi), University Hospital at Rigshospitalet, Copenhagen, Denmark.
2010, Dec-Present	External Advisory for Suzanne Haber Conte Center-Rochester, Boston Massachusetts.
2011, January-present	External Advisory for BRAINS (new Investigator R01) for S. Langenecker, University of Michigan
2011 January-present	External Advisory for BRAINS (new Investigator R01) for A. Etkin, Stanford University
2011 April	NIMH: Research Domain Criteria: Positive Affect Workgroup
2011-Present	Society of Biological Psychiatry Program Committee member
2012 January-Prsésent	American College of Neuropsychopharmacology (ACNP) Membership Committee member
2012 October	Laureate Institute for Brain Research, Tulsa Oklahoma: Consultant to Advisory Board

Television, Radio, and Internet/Print News Publicity Related to Research

1998, Sept	<i>Breakfast News</i> , BBC1
2000, July	<i>Brain Story</i> , BBC2
2000, July	<i>Phobias</i> , BBC1
2000, August	<i>The Anatomy of Disgust</i> , Channel 4
2002, May	<i>Frontiers</i> , BBC Radio 4
2002, July	<i>Primitive Streaks</i> , BBC Radio 4

2002, August *Hero Factor*, Discovery Channel.
2002, Sept *To Laugh or Cry*, BBC Radio Scotland
2004, March *Emotional Rollercoaster*. BBC Radio 4
2009, June Pittsburgh Post Gazette: Feature Article
2009, Oct *Teen Suicides*. WQED (Pittsburgh local radio)
2009, Dec *Trapped Minds*, PittMED Magazine: http://pittmed.health.pitt.edu/Winter_2009/trapped_mind.pdf
2010, June Royal College of Psychiatrists, UK Website
2010, June – Sept *Mars and Venus, Revisited*. PITTMED Magazine:
http://pittmed.health.pitt.edu/Fall_2010/mars_venus.pdf

2010, September

Women with the Baby Blues Process Emotion Differently. New Scientist Website:
<http://www.newscientist.com/article/mg20727785.100-women-with-the-baby-%09%09%09%09%09blues-process-emotion-differently.html>

Diagnosing Post-Partum Depression with a Brain Scan. Time Magazine

New Study about Mothers with Post Partum Depression. WDUQ 90.5 FM

Neural Clues, Postpartum Depression. (MDNews)

Brain Anomalies Found in Moms with Post Partum Depression. (MSN Health and Bloomberg Business Week)

Depressed mothers' brains studied for differences (Pittsburgh Post Gazette)
<http://old.post-gazette.com/pg/10265/1089226-114.stm>

New Study About Mothers with Post-partum Depression, WDUQ

Brain Biology, not Hormones, May be to Blame for Postpartum Depression, LA Times:
<http://articles.latimes.com/2010/sep/15/news/la-heb-post-partum-brains-20100915>

Neural Clues, Postpartum Depression, HealthDay News:
http://www.mdnews.com/news/hd/2010_38/hd_643013

2012, Feb

Can Scans Diagnose Mental Illness? Computers differentiate brain scans of healthy adolescents and those at risk for developing psychiatric disorders. Today, BBC Radio 4:
http://news.bbc.co.uk/today/hi/today/newsid_9696000/9696780.stm

Scientists Teach Computers to Assess Psychiatric Risk, Reuters:
<http://www.reuters.com/article/2012/02/15/us-anxiety-computers-idUSTRE81E2AB20120215>

2012, April

Pattern Recognition May Help Predict Future Mental Illness In Teens: NIMH
<http://www.nimh.nih.gov/science-news/2012/pattern-recognition-technology-may-help-predict-future-mental-illness-in-teens.shtml>

2012, June

Patterns of Brain Activity in Response of Emotional Faces May Help Diagnose Bipolar Disorder
MedicalxPress.com

<http://medicalxpress.com/news/2012-06-patterns-brain-response-emotional-bipolar.html>

2013, September

Using Brain Scans, Researchers Say They Can Diagnose Disorders More Precisely. WESA, Pittsburgh Public Radio (NPR)

<http://wesa.fm/post/using-brain-scans-researchers-say-they-can-diagnose-disorders-more-precisely>

Novel Scans May Distinguish Unipolar and Bipolar Depression (MedScape)

<http://www.medscape.com/viewarticle/810111>

List of Current Research Interests

My long-term research goal is to use multimodal neuroimaging techniques, including functional Magnetic Resonance Imaging, structural neuroimaging, and diffusion tensor imaging (DTI), to identify specific functional, structural and white matter abnormalities in neural circuitry underlying the different processes important for emotion processing and emotion regulation that may be present as biomarkers of disorder in individuals with major psychiatric disorders, and biomarkers of risk for future development of major psychiatric disorders in youth.

Specifically, my key research interest include:

1. Identifying specific structural, white matter, and functional abnormalities in these neural circuitries that may distinguish different types of depressive illness, including bipolar and recurrent unipolar depression.
2. Identifying specific structural, white matter, and functional abnormalities in these neural circuitries that are associated with different symptom profiles and dimensions, including anhedonia and, more recently, sensation seeking, across individuals with different mood disorders.
3. Identifying structural and functional abnormalities in these neural circuitries in youth at future risk of major psychiatric disorders.
4. Identifying peripheral measures of lipid oxidative stress that are associated with brain white matter abnormalities in individuals across the mood disorder spectrum, and across the mood-psychotic disorders spectrum.
5. Using pattern recognition techniques to identify individual-level patterns of functioning and structure in larger-scale neural circuitry that may help classify individuals, case by case, into diagnostic groups, or along a dimension of pathology, that in turn can help predict future functional outcomes.
6. Examining the contribution of genetic variation to functional and structural abnormalities in the above neural circuitries in individuals with mood and psychotic disorders, and in youth at future risk of these disorders.
7. In collaboration with basic neuroscientists, to identify how animal models may inform understanding of pathophysiologic processes underlying major mood and psychotic disorders.

Service

University and Medical School Committee Membership

2000-2005	Academic Board, Institute of Psychiatry, UK.
2001-2005	Journal Club Committee, Institute of Psychiatry and the Maudsley Hospital
2004	Lambeth Clinical Governance Committee, South London and Maudsley NHS Trust
2003-2006	Chair, PhD subcommittee, Department of Psychological Medicine – Biological Topics (part of the PhD Committee, Institute of Psychiatry, UK)
2005-2007	MR Advisory Committee, University of Pittsburgh
2005-2008	BIRC (Brain Imaging Research Center) User Committee, University of Pittsburgh-CMU
2006-2009	Co-director BIRC, University of Pittsburgh-CMU
2007-Present	Associate Director for Clinical Neuroscience, MR Research Center, University of Pittsburgh
2009-2010	Radiology Chair Search Committee, University of Pittsburgh
2010-Present	Academic Promotions Committee, Department of Psychiatry, University of Pittsburgh

Community Clinical Activities

Between 1998-2006, I was an honorary consultant psychiatrist at the Maudsley Hospital, London, UK. I ran a Mood Disorders outpatient service at the Maudsley Hospital focusing on the long-term management of people with bipolar disorder and those with major depressive disorder. This was linked to the community mental health general adult services in Lambeth borough and also to the National Psychosis Unit at the Maudsley Hospital.