

CURRICULUM VITAE
University of Illinois at Chicago
School of Medicine

BIOGRAPHICAL

NAME: John Adrian Sweeney, Ph.D.

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EDUCATION AND TRAINING

UNDERGRADUATE:

1970 to 1974	University of Cincinnati Cincinnati, Ohio	B.S. (1974) Cum Laude	Psychology
1972 to 1973	Tel Aviv University Tel Aviv, Israel		

GRADUATE:

1974 to 1980	Syracuse University Syracuse, NY	M.S. (1978) Ph.D. (1980)	Clinical Psychology Clinical Psychology Mentor: John A. Cegalis, Ph.D.
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POST GRADUATE:

1979 to 1980	Payne Whitney Clinic New York Hospital	Internship Training Director - M. David Clayson, Ph.D.	Clinical Psychology
1980 to 1982	Cornell University Medical College New York, NY	Post-Doctoral Fellow of Psychology in Psychiatry Chief Clinical Fellow (1981-1982)	

APPOINTMENTS AND POSITIONS

ACADEMIC:

1982 to 1990	Cornell University Medical College New York, NY	Instructor (1982 - 1885) and Assistant Professor (1985 - 1990) of Psychology in Psychiatry
1990 to 2001	University of Pittsburgh Pittsburgh, PA	Assistant (1990) & Associate (1993) Professor of Psychiatry; Assistant (1991) and Associate Professor (1999) of Neurology; Tenure conferred 7/99
2001 to present	University of Illinois Chicago, IL	Professor of Psychiatry, Neurology and Psychology Director, Center for Cognitive Medicine (2001 -)

CERTIFICATION AND LICENSURE

MEDICAL OR OTHER PROFESSIONAL LICENSURE:

Certified in State of New York (006777-1)	1981
Licensed in State of Pennsylvania (PS-006476-L)	1992
Licensed in State of Illinois (071-006243)	2001

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

American Psychological Association - Division of Clinical Psychology - Division of Psychopharmacology	1977 --
Eastern Psychological Association	1981 to 2001
New York Neuropsychology Group	1983 to 1990
Association for the Advancement of Psychology	1985 to 1992
Society for Neuroscience (#000154107)	1991 --
Pennsylvania Psychological Association (Fellow #5652)	1994 -- 2001
American Psychiatric Electrophysiology Association	1995 to 1997
Cognitive Neuroscience Society	1995 --
Greater Pittsburgh Psychological Association - Education Committee	1995 to 1996 1995 to 1996
Society for Research in Psychopathology - Program Committee (1998)	1995 --
Society for Biological Psychiatry	1996 --
Society for the Neural Control of Movement	1997 --
International Society for Magnetic Resonance in Medicine (# 33623)	1997 -- 2003
American Physiological Society (#27667)	1997 -- 2003
International Early Psychosis Association	2002 --
Midwestern Psychological Association	2002 --

HONORS

Matthew Thoms High Scholarship Award	1972
Phi Beta Kappa	1974
US Public Health Service Fellowship	1974 to 1976
Syracuse University Graduate Research Fellowship	1978 to 1979
Graduating Psychiatry Residents' Teaching Award New York Hospital - Payne Whitney Clinic	1989
Chairman's Committee for Special Research Award New York Hospital - Department of Psychiatry	1989
NIMH Research Career Development Award (K02)	1997 to 2002
John M. Davis, M.D. Young Researcher Award The Alliance for the Mentally Ill of Greater Chicago	2002

PUBLICATIONS

I. REFEREED ARTICLES

1. Cegalis JA, Sweeney JA: Eye movements in schizophrenia: A quantitative analysis. *Biological Psychiatry* 1979 Feb;14(1):13-26
2. Cegalis JA, Sweeney JA: The effect of attention on smooth pursuit eye movements of schizophrenics. *Journal of Psychiatric Research* 1981 Sept;16(3):145-161
3. Abrams RA, Sweeney JA: A critique of the process-oriented approach to ward staff meetings. *American Journal of Psychiatry* 1982 Jun;139(3):769-773
4. Cegalis JA, Sweeney JA, Dellis EM: Refixation saccades and attention in schizophrenia. *Psychiatry Research* 1982 Oct;7(2):189-198
5. Brown RP, Sweeney JA, Frances AJ, Kocsis JH, Loutsch E: Age as a predictor of treatment response in endogenous depression. *Journal of Clinical Psychopharmacology* 1983 Jun;3(3):176-178
6. Rudden M, Sweeney JA, Frances AJ, Gilmore M: A comparison of delusional disorders in women and men. *American Journal of Psychiatry* 1983 Dec;140(12):1575-1578
7. Mann JJ, Stanley M, Kaplan RD, Sweeney JA, Neophytides A: Central catecholamine metabolism *in vivo* and the cognitive and motor deficits in Parkinson's disease. *Journal of Neurology, Neurosurgery and Psychiatry* 1983 Oct;46(10):905-910
8. Brown RP, Sweeney JA, Loutsch E, Kocsis JH, Frances AJ: Involutional melancholia revisited. *American Journal of Psychiatry* 1984 Jan;141(1):24-28

9. Sweeney JA, Von Bulow B, Shear MK, Friedman R, Plowe C: Compliance and outcome of patients accompanied by relatives to evaluations. *Hospital and Community Psychiatry* 1984 Oct;35(10):1037-1038
10. Halper JP, Mann JJ, Weksler ME, Bilezikian JP, Sweeney JA, Brown RP, Golbourne T: Beta adrenergic receptors and cyclic AMP levels in intact human lymphocytes: Effects of age and gender. *Life Sciences* 1984 Aug;35(8):855-863
11. Hymowitz PH, Sweeney JA: Focal diagnostic psychological testing. *Journal of Private Psychiatric Hospitals* 1985 Spr;16(2):91-94
12. Brizer D, Hartman N, Sweeney JA, Millman R: Effect of methadone plus neuroleptics on treatment-resistant chronic paranoid schizophrenia. *American Journal of Psychiatry* 1985 Sep;142(9):1106-1107
13. Mann JJ, Brown RP, Halper JP, Sweeney JA, Weksler ME, Kocsis JH, Stokes PE, Bilezikian JP: Reduced lymphocyte beta receptor sensitivity in drug-free patients with endogenous depression: Relationship to psychomotor status. *New England Journal of Medicine* 1985 Sep;313(12):715-719
14. Manley MR, Sweeney JA: Assessment of compliance in hemodialysis adaptation. *Journal of Psychosomatic Research* 1986 Apr;30(2):153-161
15. Frances AJ, Sweeney JA, Clarkin JF: Do psychotherapies have specific effects? *American Journal of Psychotherapy* 1985 Apr;39:159-174
16. Wetzler S, Sweeney JA: Childhood amnesia: A conceptualization in cognitive-psychological terms. *Journal of the American Psychoanalytic Association* 1986 Jul;34(3):663-685
17. Frazer A, Brown RP, Kocsis JH, Caroff S, Amsterdam J, Winokur A, Sweeney JA, Stokes PE: Patterns of melatonin rhythms in depression. *Journal of Neural Transmission* 1986 May;21(2):269-290
18. Sweeney JA, Clarkin JF, Fitzgibbon ML: Current practice of psychological assessment. *Professional Psychology: Research and Practice* 1987 Aug;18(4):377-380
19. Markowitz J, Brown RP, Sweeney JA, Mann JJ: Reduced length and cost of hospital stay for major depression in patients treated with ECT. *American Journal of Psychiatry* 1987 Aug;144(8):1025-1029
20. Urquhart B, Bulow B, Sweeney JA, Shear MK, Frances AJ: Increased specificity in measuring patient satisfaction. *Psychiatric Quarterly* 1987 Mar;58(1):128-134
21. McBride PA, Mann JJ, Polley M, Wiley A, Sweeney JA: Assessment of binding indices and physiological responsiveness of the 5-HT₂ receptor on human platelets. *Life Sciences* 1987 May;40(18):1799-1809
22. Bulow B, Sweeney JA, Shear MK, Friedman R: Family satisfaction with psychiatric evaluations. *Health and Social Work* 1987 Sep;12:290-295
23. Kocsis JH, Frances AJ, Voss C, Mann JJ, Mason B, Sweeney JA: Imipramine for treatment of chronic depression. *Archives of General Psychiatry* 1988 Mar;45(3):253-257

24. Keilp JG, Sweeney JA, Jacobson P, Solomon C, Saint-Louis L, Deck MDF, Frances AJ, Mann JJ: Cognitive impairment in schizophrenia: Specific relations to ventricular size and negative symptomatology. *Biological Psychiatry* 1988 Apr;24(2):47-55
25. Fitzgibbon ML, Cella DF, Sweeney JA: Redundancy in measures of depression. *Journal of Clinical Psychology* 1988 May;44(3):372-374
26. Halper JP, Sweeney JA, Mann JJ, Brown RP: Blunted beta-adrenergic responsivity of peripheral blood mononuclear cells in patients with endogenous depression: Isoproterenol dose response studies. *Archives of General Psychiatry* 1988 Mar;45(3):241-245
27. Kocsis JH, Frances AJ, Voss C, Mason B, Mann JJ, Sweeney JA: Imipramine and social-vocational adjustment in chronic depression. *American Journal of Psychiatry* 1988 Aug;145(8):997-999
28. Brown RP, Stoll P, Stokes PE, Frances AJ, Sweeney JA, Kocsis JH, Mann JJ: Adrenocortical hyperactivity in depression: Effects of agitation, delusions, melancholia and other illness variables. *Psychiatry Research* 1988 Feb;23(1):167-178
29. McBride PA, Andersen GM, Hertzog ME, Sweeney JA, Kream J, Cohen DJ: Serotonergic function in male young adults with autistic disorder. *Archives of General Psychiatry* 1989 Mar;46(3):213-221
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31. Sweeney JA, Meisel L, Walsh V, Castrovinci D: Assessment of cognitive functioning in poly-substance abuse. *Journal of Clinical Psychology* 1989 Mar;45(1):346-351
32. Golinkoff M, Sweeney JA: Cognitive impairments in depression. *Journal of Affective Disorders* 1989 Sep;17(2):105-112
33. Sweeney JA, Wetzler S, Stokes PE, Kocsis JH: Cognitive functioning in depression. *Journal of Clinical Psychology* 1989 Nov;45(6):836-842
34. Rea M, Sweeney JA, Solomon C, Walsh V, Frances AJ: Changes in eye tracking during clinical stabilization in schizophrenia. *Psychiatry Research* 1989 Apr;28(1):31-39
35. Clementz BA, Sweeney JA: In support of rational conceptualizations of schizophrenia. *American Psychologist* 1989 Jul;44(7):1078-1079
36. Dixon L, Weiden PJ, Frances AJ, Sweeney JA: Alprazolam intolerance in stable schizophrenic outpatients. *Psychopharmacology Bulletin* 1989 Nov;25(2):213-214
37. Kocsis JH, Mason B, Frances AJ, Sweeney JA, Mann JJ, Marin D: Prediction of response of chronic depression to imipramine. *Journal of Affective Disorders* 1989 Nov;17(3):255-260
38. Leon A, Friedman R, Sweeney JA, Brown RP, Mann JJ: Statistical issues in the identification of risk factors for suicidal behavior: The application of survival analysis. *Psychiatry Research* 1990 Jan;31(1):99-108

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40. Rudden M, Sweeney JA, Frances AJ: Diagnosis and clinical course of erotomanic and other delusional patients. *American Journal of Psychiatry* 1990 May;147(5):625-628
41. Clementz BA, Sweeney JA: Is eye movement dysfunction a biological marker for schizophrenia? A methodological review. *Psychological Bulletin* 1990 Jul;108(1):77-92
42. Clementz BA, Sweeney JA, Hirt M, Haas GL: Pursuit gain and saccadic intrusions in first-degree relatives of probands with schizophrenia. *Journal of Abnormal Psychology* 1990 Nov;99(4):327-335
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44. Sweeney JA, Keilp JG, Haas GL, Hill J, Weiden PJ: Relationships between medication treatments and neuropsychological test performance in schizophrenia. *Psychiatry Research* 1991 Jun;37(3):297-308
45. Sweeney JA, Brew BJ, Keilp JG, Sidtis JJ, Price RW: Pursuit eye movement dysfunction in HIV-1 seropositive individuals. *Journal of Psychiatry and Neuroscience* 1991 Dec;16(5):247-252
46. Sweeney JA, Haas GL, Keilp JG, Long M: Evaluation of the stability of neuropsychological functioning after acute episodes of schizophrenia: One year follow-up study. *Psychiatry Research* 1991 Jul;38(1):63-76
47. Clementz BA, Sweeney JA, Hirt M, Haas GL: Phenotypic correlations between oculomotor functioning and schizophrenia-related characteristics in relatives of schizophrenic probands. *Psychophysiology* 1991 Sep;28(5):570-578
48. Clementz BA, Grove WM, Iacono WG, Sweeney JA: Smooth pursuit eye movement dysfunction and liability for schizophrenia: Implications for genetic modeling. *Journal of Abnormal Psychology* 1992 Feb;101(1):117-129
49. Dixon L, Weiden PJ, Haas GL, Sweeney JA, Frances AJ: Increased tardive dyskinesia in alcohol-abusing schizophrenic patients. *Comprehensive Psychiatry* 1992 Mar;33(2):121-122
50. Goldman D, Hien DA, Sweeney JA, Frances AJ, Haas GL: Bizarre delusions and DSM-III-R schizophrenia. *American Journal of Psychiatry* 1992 Apr;149(4):494-499
51. McBride PA, DeMeo MD, Sweeney JA, Halper JP, Mann JJ, Shear MK: Neuroendocrine and behavioral responses to challenge with the indirect serotonin agonist dl-fenfluramine in adults with obsessive-compulsive disorder. *Biological Psychiatry* 1992 Jan;31(1):19-34
52. Klausner JD, Sweeney JA, Deck MDF, Haas GL, Kelly AB: Clinical correlates of cerebral ventricular enlargement in schizophrenia: Further evidence for frontal lobe disease. *Journal of Nervous and Mental Disease* 1992 Jul;180(7):407-412

53. Sweeney JA, Palumbo D, Halper JP, Shear MK: Pursuit eye movement dysfunction in obsessive compulsive disorder. *Psychiatry Research* 1992 Apr;42(1):1-11
54. Sweeney JA, Haas GL, Li S: Neuropsychological and eye movement abnormalities in first-episode and chronic schizophrenia. *Schizophrenia Bulletin* 1992 Jul;18(2):283-293
55. Haas GL, Sweeney JA: Premorbid and onset features of first-episode schizophrenia. *Schizophrenia Bulletin* 1992 Aug;18(3):373-385
56. Mieczkowski TA, Sweeney JA, Haas GL, Junker BW, Brown RP, Mann JJ: Factor composition of the Suicide Intent Scale. *Suicide and Life Threatening Behavior* 1993 Apr;23(1):37-45
57. Sweeney JA, Clementz BA, Escobar MD, Li S, Pauler DK, Haas GL: Mixture analysis of pursuit eye-tracking dysfunction in schizophrenia. *Biological Psychiatry* 1993 Sep;34(9):331-340
58. Sweeney JA, Clementz BA, Haas GL, Escobar MD, Drake K, Francis AJ: Eye tracking dysfunction in schizophrenia: Characterization of component eye movement abnormalities, diagnostic specificity and the role of attention. *Journal of Abnormal Psychology* 1994 May;103(2):222-230
59. Keshavan MS, Bagwell WW, Haas GL, Sweeney JA, Schooler NR, Pettegrew JW: Changes in caudate volume with neuroleptic treatment. *Lancet* 1994 Nov;344(8934):1434
60. Sweeney JA, Haas GL, Li S, Weiden PJ: Selective effects of antipsychotic medications on eye tracking performance in schizophrenia. *Psychiatry Research* 1994 Feb;54(2):185-198
61. Glanz M, Haas GL, Sweeney JA: Assessment of hopelessness in suicidal patients. *Clinical Psychology Review* 1995 Feb;15(1):49-64
62. Keshavan MS, Miewald J, Haas GL, Sweeney JA, Ganguli R, Reynolds CF: Slow-wave sleep and symptomatology in schizophrenia and related psychotic disorders. *Journal of Psychiatric Research* 1995 Jul;29(4):303-314
63. Malone KM, Haas GL, Sweeney JA, Mann JJ: Major depression and the risk of attempted suicide. *Journal of Affective Disorders* 1995 Jun;34(3):173-185
64. Sweeney JA, Mintun MA, Kwee S, Wiseman MB, Brown DL, Rosenberg DR, Carl JR: Positron emission tomography study of voluntary saccadic eye movements and spatial working memory. *Journal of Neurophysiology* 1996 Jan;75(1):454-468
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66. Pauler DK, Escobar MD, Sweeney JA, Greenhouse, JB: Mixture models for eye-tracking data: A case study. *Statistics in Medicine* 1996 Jul;15(13):1365-1376
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72. Rosenberg DR, Sweeney JA, Squires-Wheeler E, Keshavan MS, Cornblatt BA, Erlenmeyer-Kimling L: Eye tracking dysfunction in offspring from the New York High Risk Project: Diagnostic specificity and the role of attention. *Psychiatry Research* 1997 Feb;66(2-3):121-130
73. Rosenberg DR, Sweeney JA, Gillen J, Kim J, Varenelli M, O'Hearn K, Erb P, Davis D, Thulborn K: Magnetic resonance imaging of children without sedation: Preparation with simulation. *Journal of the American Academy of Child and Adolescent Psychiatry* 1997 Jun;36(6):853-859
74. Sweeney JA, Bauer KS, Keshavan MS, Haas GL, Schooler NR, Kroboth PD: Adverse effects of risperidone on eye movement activity: A comparison of risperidone and haloperidol in antipsychotic-naive schizophrenic patients. *Neuropsychopharmacology* 1997 Mar;16(3):217-228
75. Keshavan MS, Montrose DM, Pierri JN, Dick EL, Rosenberg D, Talagala L, Sweeney JA: Magnetic resonance imaging and spectroscopy in offspring at risk for schizophrenia: Preliminary studies. *Progress in Neuro-Psychopharmacology & Biological Psychiatry* 1997 Dec;21(8):1285-1295
76. Sweeney JA, Luna B, Srinivasagam NM, Keshavan MS, Schooler NR, Haas GL, Carl JR: Eye tracking abnormalities in schizophrenia: Evidence for dysfunction in the frontal eye fields. *Biological Psychiatry* 1998 Jan;44(8):698-708
77. Luna B, Thulborn KR, Strojwas MH, McCurtain BJ, Berman RA, Genovese CR. Sweeney JA: Dorsal cortical regions subserving visually-guided saccades in humans: An fMRI study. *Cerebral Cortex* 1998 Jan/Feb;8(1):40-47
78. Sweeney JA, Strojwas MH, Mann JJ, Thase ME: Prefrontal and cerebellar abnormalities in major depression: Evidence from oculomotor studies. *Biological Psychiatry* 1998 Apr;43(8):584-594
79. Keshavan MS, Reynolds CF, Miewald JM, Montrose DM, Sweeney JA, Vasco RC, Kupfer DJ: Delta sleep deficits may reflect thalamocortical dysfunction in schizophrenia: Evidence from automated analyses of sleep data. *Archives of General Psychiatry* 1998 May;55(5):443-448

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81. Kroboth PD, Folan MM, Bauer KS, Tullock W, Wright E, Sweeney JA: Do alprazolam-induced changes in saccadic eye movement and psychomotor function follow the same time course? *Journal of Clinical Pharmacology* 1998 Apr;38(4):337-346
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88. Luna B, Sweeney JA: Cognitive functional magnetic resonance imaging at very-high-field: Eye movement control. *Topics in Magnetic Resonance Imaging* 1999 Jun;10(1):3-15
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91. Radomsky ED, Haas GL, Mann JJ, Sweeney JA: Suicidal behavior in patients with schizophrenia and other psychotic disorders. *American Journal of Psychiatry* 1999 Oct;156(10):1590-1595
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94. Gilbert AR, Rosenberg DR, Harenski K, Spencer S, Sweeney JA, Keshavan MS: Thalamic volumes in first-episode schizophrenic patients. *American Journal of Psychiatry* 2001 158:618-624
95. Merriam, EP, Colby CL, Thulborn KR, Luna B, Olson CR, Sweeney JA: Stimulus-response incompatibility activates cortex proximate to three eye fields. *NeuroImage* 2001 13:794-800
96. Luna B, Thulborn KR, Munoz DP, Merriam EP, Garver KE, Minshew NJ, Keshavan MS, Genovese CR, Eddy WF, Sweeney JA: Maturation of widely distributed brain functions subserves cognitive development. *Neuroimage* 2001 13(5):786-793
97. Grant M, Thase ME, Sweeney JA: Cognitive disturbance in outpatient depressed young adults: Evidence of modest impairment. *Biological Psychiatry* 2001 Jul;50(1):35-43
98. Luna B, Sweeney JA: Studies of brain and cognitive maturation through childhood and adolescence: A strategy for testing neurodevelopmental hypotheses. *Schizophrenia Bulletin* 2001 27(3):443-455
99. Rosano C, Krisky CM, Welling JS, Eddy WF, Luna B, Thulborn KR, Sweeney JA: Pursuit and saccadic eye movement subregions in the human frontal eye field: A high resolution fMRI investigation. *Cerebral Cortex* 2002 Feb;12:107-115
100. Schuepbach D, Keshavan MS, Kmiec JA, Sweeney JA: Negative symptom resolution and improvements in specific cognitive deficits after acute treatment in first-episode schizophrenia. *Schizophrenia Research* 2002 Jan;53(3):249-261
101. Lazar NA, Luna B, Sweeney JA, Eddy, WF: Combining brains: A survey of methods for statistical pooling of information. *NeuroImage* 2002 16:538-550
102. Keshavan MS, Diwadkar VA, DeBellis M, Dick E, Kotwal R, Rosenberg DR, Sweeney JA, Minshew N, Pettegrew JW: Development of the corpus callosum in childhood, adolescence and early adulthood. *Life Sciences* 2002 March;70(16):1909-1922
103. Luna B, Minshew NJ, Garver BA, Lazar NA, Thulborn KR, Eddy WF, Sweeney JA: Neocortical system abnormalities in autism: An fMRI study of spatial working memory. *Neurology* 2002 May;59:834-840
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108. Keshavan MS, Sujata M, Mehra A, Montrose DM, Sweeney JA: Psychosis proneness and ADHD in young relatives at risk for schizophrenia. *Schizophrenia Research* 2003 Jan;59(1):85-92
109. Shaffer D, Krisky CM, Sweeney JA: Frequency and metrics of square waves jerks: Influences of task demand characteristics. *Investigative Ophthalmology & Visual Science* 2003 March;44(3):1082-1087
110. Kraus MF, Pavuluri M, Sweeney JA: Functional MRI: Research and clinical applications in neuropsychiatry. *Contemporary Psychiatry* 2003 May;2(2):1-8
111. Rosano C, Sweeney JA, Melchitzky DS, Lewis DA: The human precentral sulcus: chemoarchitecture of a region corresponding to the frontal eye fields. *Brain Research* 972 2003; 16-30
112. Pavuluri MN, Janicak PG, Naylor MW, Sweeney JA: Early recognition and differentiation of pediatric schizophrenia and bipolar disorder. *Adolescent Psychiatry* 2003; 27: 117-134

II. BOOK CHAPTERS

1. Clarkin JF, Sweeney JA: Psychological assessment, in Cavenar JO (ed.) *Psychiatry*, Philadelphia, PA, Basic Books, 1985, pp 1-11
2. Wetzler SE, Sweeney JA: Childhood amnesia: An empirical demonstration, in Rubin D (ed.) *Autobiographical Memory*, New York, N.Y.; Cambridge University Press, 1986, pp 191-201
3. Mann JJ, Brown RP, Mason B, Halper JP, Sweeney JA, Kocsis JH, Manevitz A: Alteration of adrenergic receptor responsivity by ECT, in *Proceedings of the IV World Congress of Biological Psychiatry*, New York, N.Y.; Elsevier Science Publishing Co., 1986
4. Sweeney JA, Haas GL, Weiden PJ: Clinical assessment in schizophrenia, in Wetzler S (ed.) *Measuring Mental Illness: Psychometric Assessment for Clinicians*, American Psychiatric Association Press, 1989, pp 89-112
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8. Sweeney JA, Malone KM: Novel approaches to diagnostic assessment in neuropsychiatry, in Sacks MH, Sledge W, Warren C (eds.) *Core Readings in Psychiatry: An Annotated Guide to the Literature*, 2nd Edition, American Psychiatric Press Inc., 1995, pp 449-457
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92. Schuepbach D, Keshavan MS, Kmiec JA, Sweeney JA: Early, treatment-induced improvement of negative symptoms predicts cognitive performance in first-episode schizophrenia. *Schizophrenia Research* 2001 April; 49 (1-2):120
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94. Diwadkar VA, Keshavan MS, Montrose DM, Boarts DA, Sweeney JA: Memory-guided saccade abnormalities in young relatives at-risk for schizophrenia. *Schizophrenia Research* 2001 April; 49 (1-2):214

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96. Schuepbach D, Keshavan MS, Kmiec JA, Sweeney JA: Early improvement of negative symptoms predicts long-term cognitive performance in first-episode schizophrenia. *Biological Psychiatry* 2001; 49: 62S (218).
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100. Harenski KA, Sivamony S, Peters B, Spencer SM, Montrose DM, Sweeney JA, Keshavan MS: MRI abnormalities in first-episode schizophrenia patients through image averaging. *Biological Psychiatry* 2001;49:95S(328).
101. Diwadkar VA, Spencer SM, Harenski KA, Luna B, Sweeney JA, Keshavan MS: A preliminary functional magnetic resonance imaging study in offspring of schizophrenic parents. *Biological Psychiatry* 2002 April;51:113S(331)
102. Schuepbach D, Keshavan MS, Sweeney JA: Selective attention in neuroleptic-naïve first-episode schizophrenia: A two year follow-up. *Biological Psychiatry* 2002 April:118S(347)
103. Hill S, Keshavan M, Sweeney JA: Neuropsychological profiles of psychotic and unipolar depression, schizophrenia, and healthy volunteers. *Journal of the International Neuropsychological Society* 2003 February;9:2(170-171)
104. Montrose DM, Miewald JM, Sweeney JA, Keshavan MS: Does early onset of parental schizophrenia increase psychopathy in at-risk offspring. *Schizophrenia Research* 2003 March;60:1S(86)
105. Haas GL, Radomsky D, Montrose DM, Miewald J, Keshavan JA, Sweeney JA: Short- and long-term recovery of cognitive functioning following the first episode of schizophrenia. *Schizophrenia Research*, 2003 March;60:1S(137)
106. Hill SK, Keshavan MS, Sweeney JA: The relationship of psychosis to neuropsychological dysfunction in unmedicated first-episode schizophrenia, psychotic and non-psychotic unipolar depression, and healthy volunteers. *Schizophrenia Research* 2003 March;60:1S(138)
107. Diwadkar VA, Chaluvadi, S, Sahni SD, Sweeney JA: Gray matter changes in the early course of schizophrenia. *Schizophrenia Research* 2003 March;60:1S(138)

108. Schuepbach D, Keshavan MS, Sweeney JA: Profile analysis of cognitive function in first-episode schizophrenia: A longitudinal study. *Biological Psychiatry* 2003 April:53:8S(15)
109. Herbener ES, Hill SK, Harris MS, Kleinlein P, Sweeney J: Deficits in processing of emotional expressions in first episode schizophrenia patients: Medication effects on performance. *Biological Psychiatry* 2003 April:53:8S(124-125)
110. Diwadkar VA, Sweeney JA, Montrose DM, Luna B, Keshavan MS: Cognitive impairments and structural MRI abnormalities in schizotypal first-degree relatives of schizophrenia patients. *Biological Psychiatry* 2003 April:53:8S(177)
111. Stanley JA, Sahni SD, Montrose DM, Sweeney JA, Pettegrew JW, Keshavan MS. Age and comorbidity effects in first-episode never-medicated schizophrenia subjects: An in vivo ¹H spectroscopy study. *Biological Psychiatry* 2003 April:53:8S(178)

V. OTHER PUBLICATIONS

Manuscripts Under Review:

1. Shaffer DM, Krisky CM, Kmiec JA, Luna B, Sweeney JA: The effects of predictive extraretinal input on sustained visual tracking performance. *Experimental Brain Research*
2. Keshevan MS, Miewald JM, Montrose DM, Sweeney JA: REM slow wave sleep may be related to distinct memory processes in psychoses. *Biological Psychiatry (revised and resubmitted)*
3. Ni Y, Ding L, Cheng J, Christine K, Lian J, Zhang X, Grusazuskas J, Sweeney JA, He B: EEG source analysis of motor potentials induced by fast repetitive unilateral finger movement. *IEEE, Neural Engineering*
4. Takarae Y, Minshew NJ, Luna B, Sweeney, JA: Oculomotor abnormalities parallel cerebellar histopathology in autism. *J Neurology, Neurosurgery and Psychiatry (revised and resubmitted)*
5. Luna B, Garver K, Urban T, Lazar N, Sweeney JA: Maturation of cognitive processes from late childhood to adulthood. *Child Development (revised and resubmitted)*
6. Gibbons RD, Lazar NA, Bhaumik DK, Sclove SL, Chen HY, Sweeney JA, Thulborn KR, Hur K, Patterson D: Estimation and Classification of fMRI Hemodynamic Response Patterns. *Neuroimage*
7. Sweeney JA, Takarae Y, Macmillan C, Luna B, Minshew NJ: Eye movements in neurodevelopmental disorders. *Current Opinion in Neurology*
8. Babiloni F, Babiloni C, Carducci F, Cincotti F, Astolfi L, Basilisco A, Vecchio F, Rossini PM, Ding L, Ni Y, Cheng J, Christine K, Sweeney J, He B: Using advanced EEG techniques to estimate cortical connectivity and neural sources in humans. *Cephalalgia*
9. Steele S, Minshew N, Luna B, Sweeney, J: Spatial working memory deficits in autism. *Psychological Medicine*

Articles in Press:

1. Diwadkar VA, Sweeney JA, Boarts D, Keshavan MS. Memory guided saccade abnormalities in young relatives at risk for schizophrenia. *CNS Spectrums*
2. Schuepbach D, Sanders RD, Sweeney JA, Keshavan MS: Neurological soft signs are associated with specific cognitive functions in first- episode schizophrenia. *Journal of Neuropsychiatry and Clinical Neuroscience*
3. Escalante-Mead PR, Minshew NJ, Sweeney JA: Abnormal brain lateralization in high functioning autism. *Journal of Autism and Developmental Disorder*
4. Sanders RD, Schuepbach MD, Goldstein G, Haas GL, Sweeney JA, Keshavan MS: Relationship between cognitive and neurologic performance in neuroleptic-naïve psychosis. *Journal of Neuropsychiatry and Clinical Neurosciences*

5. Pavuluri M, Herbener E, Sweeney JA: Psychotic symptoms in pediatric bipolar disorder. *Journal of Affective Disorders*
6. Keshavan MS, Sanders RD, Sweeney JA, Diwadkar V, Goldstein G, Pettegrew JW, Schooler NR: Diagnostic specificity and neuroanatomical validity of neurologic abnormalities in first episode psychoses. *American Journal of Psychiatry*
7. Hill SK, Beers SR, Kmiec JA, Keshavan MS, Sweeney JA: Impairment of verbal memory and learning in antipsychotic-naïve patients with first-episode schizophrenia. *Schizophrenia Research*
8. Schuepbach D, Hill SK, Sanders RD, Hell, Keshavan MS, Sweeney JA: Early treatment-induced improvement of negative symptoms predicts cognitive functioning in treatment-naive first-episode schizophrenia: A 2-year follow-up. *Schizophrenia Bulletin*
9. Hill SK, Herbener ES, Keshavan MS, Sweeney J.: Pretreatment and longitudinal studies of neuropsychological deficits in antipsychotic-naïve patients with schizophrenia. *Schizophrenia Research*
10. Prasad KMR, Patel AR, Sweeney JA, Keshavan MS: Entorhinal cortex in first-episode psychotic disorders. A structural magnetic resonance study. *American Journal of Psychiatry*
11. Keshavan MS, Haas G, Miewald J, Montrose DM, Reddy R, Schooler NR, Sweeney JA: Prolonged untreated illness duration from prodromal onset predicts outcome in first episode psychoses. *Schizophrenia Bulletin*
12. Hill SK, Keshavan MS, Thase ME, Sweeney JA: Neuropsychological dysfunction in antipsychotic naïve first-episode psychotic depression compared with first-episode schizophrenia and nonpsychotic unipolar depression. *American Journal of Psychiatry*

PROFESSIONAL ACTIVITIES

TEACHING:

I. Seminars:

Cornell University:

Psychological Assessment (1983 - 1990) Psychology Interns (Weekly Seminar, calendar year)
Psychoanalytic Psychotherapy (1983 - 1985) PGY III Residents, Psychology Interns
(weekly, 4 months)
Clinical Interviewing (1987 - 1990) Medical Students I (8 weeks, 2X/week)
Clinical Research Methods (1987 - 1990) PGY III Residents (weekly, 12 weeks)
Graduation Paper Seminar (1987 - 1990) PGY IV Residents (weekly, 12 weeks)
Neuropsychological Assessment (1985 - 1990) Psychology Interns (weekly, 6 weeks)

University of Pittsburgh:

Depression and Suicide in Schizophrenia (1993 - 1995) (annual lecture) PG II and MS III
Patient/Doctor Relationship Course (1993 to 1998) (PBL facilitator) MS I
Neuroscience/The Mind (1994 to 1999) (PBL facilitator) MS II
Psychological and Neuropsychological Assessment (1993 to 1995) (annual lecture) PG I
Neuropsychology of Schizophrenia (1995 - 1999) (annual lecture) PG II
Neuropsychological Assessment, Neuropsychiatry Course (1995 to 1999) (annual lecture) PG II
Neuropsychological Assessment (1995 to 1998) bimonthly case conferences
Departmental Continuing Education on Neuropsychological Assessment (1996 to 2001)
Departmental Continuing Education on Electroconvulsive Therapy (1994 to 2001)

University of Illinois -- Chicago:

Cognitive and Behavioral Assessment, Psych 573 (course director) (2001 -)
Functional Brain Imaging Methodologies, Psych 594 (course director) (2002)
Brain and Behavior course, MS1, occasional lectures (2002 -)
Clinical Research Methodologies, PGY II Psychiatry Residents, (course director) (2003 -)

II. Clinical Supervision:

Psychotherapy Case Supervision (1982 - 1990) Psychology Interns
Psychological/Neuropsychological Testing (1982 - 1990) Psychology Interns

III. Research Education:

Undergraduate Education

Sponsor for RK Mellon Fellow (undergraduate)

1991 - Andrew Oh

Mentor, Carnegie Mellon University Summer Program for Undergraduates in Clinical Psychology
Research (1994 - 1995)

Mentor, NIMH Research Fellowship Program for Undergraduates

Magda Strojwas (1994 - 1995)

Irene Fishman (1997 - 1998)

Ayodope Arise (2000)

Multiple UIC undergraduates doing semester long training or longer periods in the lab

Medical Students

- Sponsor for NIH Medical Student Summer Research Fellowships (Cornell)
1988 & 1989 - Jeffrey Klausner, Medical Epidemiology and HIV research
- Sponsor for medical student summer research (Pittsburgh)
1993 Sandi Kwee (Medical Student Research Excellence Award)
1994 Devon Brown
- Sponsor for medical student research (Chicago)
2002 Mike Odnick
2002 - Caralynn Nowinski; James Scholar Program for Independent Study
2002 - Christen Ebens, James Scholar Program for Independent Study

Doctoral Students

Cornell University Medical College

Principal (off-site) Dissertation Advisor

- Marion Fitzgibbon (NIH funded, Psychiatry, Northwestern)
- Brett Clementz (NIMH funded, Psychology and Psychiatry, U Georgia)
- Donna Palumbo (NIH funded, Neurology, U. of Rochester)
- James Hill (University of New Jersey School of Dentistry and Medicine,
Neuropsychology, Psychiatry)
- Risa Ryger (private practice, NYC)
- John Keilp (NIMH funded, Psychiatry, Columbia University)
- William Waked (private practice, NYC)

University of Pittsburgh

Principal (off-site) Dissertation Advisor

- Yukari Takarae (post-doc, NAAR funded, UIC)

Department of Neuroscience

- Doctoral student evaluation committee (2)
- Dissertation committee member (1)

School of Pharmacy

- Dissertation committee member (2)

University of Illinois at Chicago

Department of Psychology, Clinical Division

Primary Mentor for Ph.D. Students:

- Shelly Steele, Clinical, NAAR funded predoctoral fellow (2001 -)
- Margret Harris, Clinical (2003 -)

Psychiatry Residents, and Psychology and Psychiatry Post-doctoral Fellows, Junior Faculty

Director, Psychiatry Research Education for New York Hospital/Cornell Medical Center
(1987-1990)

Mentor, Faculty Psychiatrists and Psychologists:

- David Rosenberg, M.D. (1995) Primary mentor of NIMH K award
- Beatriz Luna, Ph.D. (1998 -) Primary mentor of NIMH K award from 1999 - 2004
- Brian Martis, M.D. (2001 - 2003)
- Ellen Herbener, Ph.D. (2002 -) Primary mentor of her NIMH K award from 2004 - 2009
- Scot Hill, Ph.D. (2001 -)
- Marilyn Kraus, M.D. (2002 -) Primary mentor of her NIMH K award application
- Mani Pavuluri, M.D. (2002 -) Co-primary mentor of NICCR K award from 2003 - 2008
- Pauline Maki, PhD (2002 -) Primary mentor of her NCAM K award application

Mentor, Post-Doctoral Fellows:

Margaret Rea, Ph.D. (fellow, 1988-1990)

Now doing NIH funded treatment research, Psychiatry, UCLA

David R. Rosenberg, M.D. (1993 - 1994)

Director of OCD Program, Wayne State University

Beatriz Luna, Ph.D. (1995 - 1997)

Director of Neurocognitive Development Laboratory, U of Pittsburgh

Dennis Shaffer, Ph.D. (fellow, 1997 - 1999), Asst. Prof., Ohio State University, Psychology

Caterina Rosano, M.D. (fellow, 1999 - 2001), University of Pittsburgh, MPH program

Daniel Schuepbach, M.D. (fellow, 1999 - 2001), University of Zurich, Psychiatry faculty

Yukari Takarae, Ph.D., NAAR funded, (current)

Lucia Simo, M.D., Ph.D. (2002 – 2003), post-doc with James Houk, Northwestern Univ.

Training Faculty, NIH-supported Fellowship Programs

Clinical Research Training in Child Psychiatry (1995 - 2001)

Clinical Research Training in Psychiatry T32 MH16804 (1995 - 2001)

Training in Psychiatric Research for Undergraduates (1997 - 2001)

RESEARCH:

I. Grants Received:

1. Discriminating Features of DSM-III Personality Disorders (P.I. Stephen Hurt). Coinvestigator, 9/83 to 8/84, New York Hospital - Westchester Division, \$4000
2. MH37907, Monoamine Receptors: Effects of Depression and Treatment (P.I. J. John Mann). Coinvestigator, 5% effort, 3/84 to 2/88, renewed 3/88 to 2/90, NIMH
3. Psychophysiologic Measures of Attention Deficit in Schizophrenia. Principal Investigator, 6/84 to 5/85, New York Hospital - Westchester Division, \$15,000
4. Eye Tracking and Nuclear Schizophrenia. Coprincipal Investigator, 15% effort, 7/84 to 1/86, Scottish Rite Schizophrenia Research Fund, \$25,000
5. MH40210, Postmortem Neurochemical Studies in Suicide (P.I. J. John Mann). Coinvestigator, 5% effort, 5/84 to 4/87, RENEWED 5/87 to 4/92, and RENEWED 9/92 to 8/96, NIMH
6. Eye Tracking and Blink Rate in Schizophrenia. Principal Investigator, 10% effort, 7/85 to 6/86 NIMH Biomedical Sciences Research Grant (BRSG)
7. MH37103, Imipramine for Treatment of Chronic Depression (P.I. James H. Kocsis). Coinvestigator, 10% effort, 9/85 to 8/88, RENEWED 9/88 to 8/93, NIMH
8. MH40695, Neurobiological Studies of ECT in Depression (P.I. J. John Mann). Coinvestigator, 10% effort, 2/86 to 1/89, NIMH
9. Eye Movements in Schizophrenia: Relation to Type II Syndrome and Trait Status. Principal Investigator, 20% effort, 8/86 to 8/88, Scottish Rite Schizophrenia Research Program, \$50,000

10. MH42305, Computed Tomographic Study of Schizophrenia. Principal Investigator, 5% effort, 1/87 to 1/90, NIMH
11. Neuroleptic Noncompliance in Schizophrenia (P.I. Peter J. Weiden). Coinvestigator, 5% effort, 8/88 to 7/93, NIMH, Total Direct Costs \$350,000
12. MH43613, Sex Differences in Schizophrenia (P.I. Gretchen L. Haas). Coinvestigator, 10% effort, 8/87 to 8/93, NIMH, Total Direct Costs \$349,987
13. MH41884, Psychobiological Correlates of Recovery in Depression II (P.I. Michael D. Thase). Coinvestigator, 5% effort, 9/91 to 8/93, NIMH, Total Direct Costs \$243,645. RENEWED from 9/94 to 4/99, Co-Principal Investigator, Total Direct Costs \$625,034
14. MH42969, Eye Tracking Abnormalities in Schizophrenia. Principal Investigator, 35% effort, 8/88 to 7/92. RENEWED as: Oculomotor Studies in Schizophrenia. Principal Investigator, 30% effort, 9/92 to 8/99, NIMH, Total Direct Costs \$629,258
15. Serotonergic Function in Autistic Disorder (P.I. P. Anne McBride). Coinvestigator, 10% effort, 9/89 to 8/94, NIMH, Total Direct Costs \$350,000
16. P50 MH45156, Center for Neuroscience of Mental Disorders: Behavioral Neuroscience and Schizophrenia (P.I. Edward M. Stricker). Coinvestigator, 5% effort, 4/90 to 3/93, NIMH, Total Direct Costs \$1,982,691. RENEWED as Behavioral Neuroscience and Schizophrenia: Center for Neuroscience (P.I. David A. Lewis). Associate Director of Clinical Core, and Coinvestigator Project 4: The Role of Prefrontal Cortex in the Cognitive Dysfunctions of Schizophrenia, 15% effort, 7/93 to 6/98, NIMH, Total Direct Costs \$4,018,736. RENEWED as Cortical Circuitry and Cognition in Schizophrenia (P.I. David A. Lewis). Associate Director of Statistics and Data Management Core, and Director of Project 8: Neurobiology of Oculomotor and Working Memory Disturbances in Schizophrenia: Behavioral, Neuroimaging and Histologic Studies of Frontal Cortex, 20% effort, 7/98 to 6/03, NIMH, Total Direct Costs \$7,139,597
17. MH46745, MHCRC for the Study of Suicidal Behavior (P.I. J. John Mann). Director, Data Management and Statistics Core; Project Director - Psychobiology of Suicidal Behavior in Schizophrenia, 35% effort, 5/90 to 4/93. RENEWED 8/93 to 4/98, NIMH, Total Direct Costs \$3,021,290. Participation in this Center continued from initial funding until 9/94 when it moved to Columbia University
18. MH48492, Suicidal Behavior in Schizophrenia (P.I. Gretchen L. Haas). Coinvestigator, 5% effort, 9/91 to 8/96, NIMH, Total Direct Costs \$749,356
19. Eye Movement Studies in Alzheimer's Disease. Principal Investigator, 6/92 to 5/93, Funded by Alzheimer's Disease Research Center Seed Monies Program, Total Direct Costs \$10,000
20. MH48514, Psychobiological Predictors of Suicidal Behavior in MDE (P.I. J. John Mann). Coinvestigator, 5% effort, 5/92 to 4/97, NIMH, Total Direct Costs \$511,094
21. MH49815, Center for Functional Brain Imaging (P.I. J. John Mann and then Robert Y. Moore). Director, Neurocognitive Core, 10% effort, 9/92 to 8/97, NIMH, Total Direct Costs \$1,218,677

22. MH48152, Continuation Pharmacotherapy Following ECT (P.I. J. John Mann). Coinvestigator, 4/92 to 3/97, NIMH, Total Direct Costs \$749,693
23. An fMRI Study of Widely Distributed Neural Circuitry in Alzheimer's Disease. (P.I. Keith Thulborn). Coinvestigator, 10/94 to 9/95, Funded by Alzheimer's Disease Research Center Seed Monies Program, Total Direct Costs \$15,000
24. Use of Saccadic Eye Movements to Model the Rate of Input on Alprazolam Response. (P.I. Patricia D. Kroboth). Coinvestigator, 12/93 to 12/95, The UpJohn Company, Total Costs \$60,000
25. AG05133, Alzheimer Disease Research Center. (P.I. Steven DeKosky). Imaging Core Investigator, fMRI Studies of Alzheimer's Disease, 5% effort, 5/95 to 4/00, NIA, Total Direct Costs \$4,599,388
26. DAODEAFDW/FS49620-93-1-0261, Air Force Office of Scientific Research. Visuo-ocular performance during vestibular stimulation. (P.I. Joseph Furman). Coinvestigator, 5% effort, 7/92 to 9/95, Total Direct Costs \$413,266
27. MH30915, MHCRC for the Study of Affective Disorders. (P.I. David J. Kupfer). Methods Development Core Investigator, 5% effort, 9/95 to 8/00, NIMH, Total Direct Costs \$6,662,136
28. NS33355, Cortex and Complex Information Processing in Autism (P.I. Nancy Minshew). Coinvestigator, 10% effort, 12/95 to 4/01, NINDS, Total Direct Costs \$2,346,729
29. AG10009, Vestibulo-Ocular Function in the Elderly (P.I. Joseph Furman). Coinvestigator, 10% effort, 8/91 to 7/97, NIA, Total Direct Costs \$350,000
30. MH55756, DHEA & GABA-Receptor Mediated Responses in Aged Adults (P.I. Patricia Kroboth). Co-Principal Investigator, 20% effort, 1/97 to 12/99, NIMH, Total Direct Costs \$685,528
31. Toward Improved Understanding of Major Psychotic Illness (P.I. David J. Kupfer). Collaborating Investigator, 5% effort, 5/96 to 4/98, Pittsburgh Foundation, Year 01 Costs \$126,275
32. MH01433; fMRI & PET Studies of Oculomotor Neurophysiology (Principal Investigator, K02 Research Scientist Development Award), 75% effort, 7/97 to 6/02, Total Direct Costs \$443,612
33. P01 NS35949; Functional and Physiological MR Imaging of the Brain (P.I. Keith R. Thulborn). Program Project, Co-Director of Administrative Core and Director of Project 3 "fMRI Studies of Eye Movement Control," 20% effort, 9/97 to 8/02, NINDS, Total Direct Costs \$4,348,754
34. P01 HD35469; Neurobiologic and Cognitive Mechanisms of Autism (P.I. Nancy Minshew). Program Project, Director of Project 3 "Neural Circuitry of Cortical and Subcortical Systems", 15% effort, 6/97 to 5/02, NICHD, Total Direct Costs. \$3,831,990. Administrative supplement in year 01 to conduct quantitative MR perfusion studies (Principal Investigator), Total Direct Costs \$50,000. Administrative supplement in year 02 to develop simulation scanner procedures for MRI studies, \$70,000. To be renewed via the U19 mechanisms from 6/02 – 5/07. Dr. Sweeney is Co-Director of the Center, Director of the Chicago site, and Director of Project 3 "Sensory, Motor, Executive Deficits in Autism: Oculomotor, Psychophysical & fMRI Studies", 15% effort

35. NARSAD Independent Investigator Award, Delineating the Neurophysiological Basis of Pursuit Eye Movement Deficits in Schizophrenia. Principal Investigator, 20% effort. 9/97 to 9/00, Total Direct Costs \$100,000
36. Vestibular Processing (P.I. Joseph Furman). Program Project, Coinvestigator on Project 4 "Human Otolith-Ocular Responses," 5% effort, 8/98 to 7/03, NIDCD, Total direct Project costs \$477,029. Collaboration on this project ended with move from Pittsburgh to Chicago 3/01.
37. On the Relationships Between Overt Orienting and Covert Shifts of Visual Attention. McDonnell-Pew Program in Cognitive Neuroscience. Multi-site collaboration with Raymond Klein at Dalhousie University and Douglas Munoz at Queens University, Pittsburgh Principal Investigator is J. Sweeney, 5% effort, 1998-2001, Total Direct Costs \$150,000
38. Cognitive-Psychosocial Interactions and Alcoholism Risk (P.I. Ralph Tarter). Co-Principal Investigator, 10% effort, 4/99 to 3/04, NIAAA, Total Direct Costs in Year 01 \$350,000. Changed from co-PI to consultant on move from Chicago, 3/01.
39. MH62134, Oculomotor & Spatial Cognition Deficits in Schizophrenia. Principal Investigator, 25% effort, 7/00 to 6/05, NIMH, Total Direct Costs \$1,200,000
40. High-Resolution Spatio-temporal Functional Neuroimaging of Cognitive Processes. (P.I. Bin He). 5% effort, 3/02 to 3/05, University of Illinois Intercampus Research Initiative in Biotechnology, Total Direct Costs \$450,000.
41. Endophenotypes for Autism. Principal Investigator, 7/02 to 6/04, National Alliance for Autism Research, Total Direct Cost \$50,000.
42. Sensory and Sensorimotor Brain Circuitry in Autism, Principal Investigator, 7/02 to 6/04, National Alliance for Autism Research, Total Direct Cost, \$100,000.
43. High-Resolution Cortical Imaging of Brain Electrical Activity (P.I. Bin He). 5% effort, 10/02 - 9/06, NSF, Total Direct Costs \$500,000.
44. Efficacy and Tolerability of Olanzapine, Quetiapine and Risperidone in the Treatment of First Episode Psychosis: A Randomized Double Blind 52-week Comparison (Site Principal Investigator). 1/03 – 1/05, AstraZeneca Pharmaceuticals LP; Trial 5077IL/0114.

II. Invited Lectureships (1995 -)

Eye movement studies as a pharmacodynamic response measure. Presented to the School of Pharmacy, University of Pittsburgh, 1995

Neurobehavioral studies of obsessive compulsive disorder. Invited presentation at the American Psychiatric Electrophysiology Association, 1995

Eye movement studies in schizophrenia. Invited presentation at the American Psychiatric Electrophysiology Association, 1995

Oculomotor abnormalities in schizophrenia -- familial marker and neurophysiologic probe. Invited presentation at the Maryland Psychiatric Research Center, University of Maryland, 1995

Neurocognitive aspects of neuropsychiatric disorders. Invited presentation at the Department of Psychology, Vanderbilt University, 1996

fMRI studies of cognition. Invited presentation at the Department of Psychiatry, University of North Carolina, 1996

fMRI studies of cognition: Pediatric application. Invited presentation at the Kennedy Center, Vanderbilt University, 1997

Eye movement studies of neuropsychiatric disorders. Invited presentation at the Department of Psychiatry, University of Colorado, 1997

Are there neuropsychological abnormalities in schizophrenia early in its course. Invited presentation at the annual meeting "Progress in Assessment and Care of Early Schizophrenia", Pittsburgh, PA

Functional connectivity in the cortical circuits subserving eye movements. Invited presentation with Dr. Chris Genovese at Carnegie Mellon University, biannual meeting of Bayesian statisticians, 1997

ABC's of psychological testing, to Community Care Behavioral Health Organization, Pittsburgh PA, 1999

Eye Movements in Psychiatry: Clinical, fMRI, and Developmental Paradigms, Grand Rounds, Department of Psychiatry, Dalhousie University - Nova Scotia Hospital, 1999

Eye Movement Abnormalities in Schizophrenia, Presented at the International Symposium on Schizophrenia, Columbia University, 6/99

Early Cognitive Deficits in Schizophrenia, Presented at the Second Biennial Conference on the Search for Treatments in Early Psychoses, Pittsburgh, PA, 9/99

Cortical Control of Eye Movements in Humans: Basic and Clinical fMRI Studies, Presented at the Yale University Interdepartmental Neuroscience Program, New Haven, CT, 1/00

Cortical Control of Eye Movements in Humans: Basic and Clinical fMRI Studies, Presented at the Northwestern University Department of Physiology, Chicago, IL, 1/00

fMRI: How it Works, its Value for Cognitive Neuroscience, and its Potential for Delineating Phenotypes of Brain Disorders, Presented at the Department of Neuroscience, University of Oregon Medical School, Portland, OR, 9/00

Basic and Clinical fMRI Research: Studies with Oculomotor Paradigms. Presented at McLean Hospital Neuroscience Seminar, Boston MA, 10/00

Behavioral, fMRI and Brain Perfusion Abnormalities in Autism. Presented at the Annual Meeting of the Center Programs for Excellence in Autism, Denver, CO, 10/00.

fMRI Studies of Eye Movement Control: Basic and Neuropsychiatric Studies. Presented at the MGH Brain Imaging Center, Boston MA, 11/00

Behavioral and fMRI Studies of Spatial Cognitive Systems: Basic, Clinical and Developmental Studies. Presented at the Biomedical Sciences-Psychological Sciences Colloquium Series at the Eunice Kennedy Shriver Center, Boston, MA, 11/00.

Developmental disturbances during adolescence in schizophrenia and mood disorders. Presented at Chicago NAMI meeting, 11/01.

Functional Brain Imaging in Psychiatry. Grand Rounds Presentation at the Department of Psychiatry of Northwestern University, IL, 12/01.

fMRI for Basis and Clinical Cognitive Neuroscience. Presented at a Symposium on Biomedical Imaging, Beckman Institute, UIUC, IL, 3/02.

fMRI Studies of Visual Systems. Presented at UIC Workshop on Extraction of Visual Information by Biological and Non-biological Systems, UIC, IL, 2002.

fMRI Studies of the Cortical Control of Eye Movements. Grand Rounds, Ophthalmology Department, UIC, IL, 2002.

Applications of fMRI for Investigating Brain Disorders in Adolescence. Presented at the Annual meeting of the Society for Adolescent Psychiatry, Chicago, IL, 2002.

Cognitive Neuroscience of Psychotic Disorders. Presented at Industry Sponsored CME Program - Treatment of Psychotic Disorders: What is the State of the Art? New York, NY, 7/02.

FMRI in Basic and Clinical Neuroscience. Special Seminar Presented to the UIC Department of Bioengineering. University of Illinois at Chicago, 10/02.

Modulation of fMRI Activation Patterns by Incongruent Gaze and Spatial Attention. Presented at Society for Neuroscience Meeting, Orlando, FL, 11/02.

Investigations of Functional Brain Systems in Psychiatry: Defining Pathophysiology and Endophenotypes. Presented at Grand Rounds, Psychiatry, University of Chicago, 12/02.

Neuropsychological and fMRI Studies in First Episode Schizophrenia. Presented at Tinley Park Mental Health Center, Tinley Park, IL 1/03.

Sensory, Cognitive and Motor Abnormalities in Psychiatric Disorders. Invited 3 hour CME presentation at the International Neuropsychological Society 31st Annual Meeting. Honolulu, Hawaii, 2/03.

Autism and Brain Imaging. Presented at the Department of Neuroscience, Loyola University Medical Center, Maywood, IL, 2/03.

Autism Research: Anatomy, Neurophysiology and the Search for Phenotypes. Presented at Neurology Grand Rounds. University of Illinois at Chicago, Chicago, IL 2/03.

Sensorimotor and Cognitive Deficits in Autism. Presented at the ADRC/Center for Human Brain Mapping, Northwestern University. Chicago, IL 4/03.

Cognitive Deficits in First Episode Schizophrenia. Presented at Psychiatry Grand Rounds, Lutheran General Hospital, Chicago IL, 9/03.

Brain Abnormalities in Autism. UIC/Illinois Disabilities Institute, 10/03.

Evaluating Neurocognitive Deficits in Schizophrenia. Grand Rounds, Maryland Psychiatric Research Center, Baltimore, MD, 10/03.

fMRI in Vision Research. Presented at the Annual Frontiers in Vision Science meeting.. University of Illinois at Chicago, Chicago, IL, 10/03.

III. Other Research Activities:

1. Ad-hoc Journal Reviewer:

Schizophrenia Bulletin (1986 -); Psychiatric Services [formerly Hospital and Community Psychiatry] (1987 -); Journal of Abnormal Psychology (1988 -); Psychiatry Research (1988 -); Journal of Psychiatry and Neuroscience (1990 -); Biological Psychiatry (1991 -); Clinical Psychology Reviews (1991 -); Archives of General Psychiatry (1991 -); Journal of Nervous and Mental Disease (1992 -); Journal of Gerontology: Medical Sciences (1993 -); Journal of Psychiatric Research; (1994 -); Neuropsychopharmacology (1995 -); American Journal of Psychiatry (1995 -); European Journal of Neurology (1995 -); Psychophysiology (1995 -); IEEE Transactions on Rehabilitation Engineering (1997 -); European Journal of Neuroscience (1997 -); Journal of Neurology, Neurosurgery, and Psychiatry (1997 -); Cerebral Cortex (1997 -); Journal of Neurophysiology; (1997 -); Trends in Cognitive Sciences (1997 -); Schizophrenia Research (1997 -); Progress in Neuropsychopharmacology and Biological Psychiatry (1998 -); Perceptual and Motor Skills (1999 -); Neuropsychiatric Genetics (1999 -); Psychological Medicine (1999 -); Proceedings of the National Academy of Sciences (1999 -); Journal of Neuroscience (2000 -); Journal of Cognitive Neuroscience (2000 -); Psychiatry Research: Neuroimaging (2000 -); Neuroimage (2000 -); Neuropsychologia (2000 -); Neuropsychology (2001 -); Pharmacology Biochemistry and Behavior (2001 -); Brain (2002 -); Psychopharmacology (2003 -)

2. Editorial Boards:

Psychiatry Research (1996 -)

3. NIH Activities:

Member, NIH Study Section "Brain Disorders and Clinical Neuroscience-6" (BDCN6, 5/98 - 2001)

Member, NIH Study Section "Neural Basis of Psychopathology, Addictions and Sleep Disorders" (2001 -)

ADAMHA Reviewer's Reserve: 1992 - 1994

Special Review Committees: 7/87, 5/88, 4/89, 7/89, 8/94, 8/96, 7/01

Ad Hoc Reviewer:

Psychopathology and Clinical Biology II - 2/90, 6/90, 10/90
Psychopathology and Clinical Biology I - 5/92
Clinical Psychopathology - 6/94
Clinical Neuroscience - 11/92, 6/94, 2/95, 6/95, 10/96, 10/97, 2/98
Small Business Innovation Research - 5/93
Clinical Center and Special Projects - 2/96, 10/99
Child Psychopathology and Treatment - 6/96, 2/97
Cognitive Functional Neuroscience - 2/98
Perception and Cognition – 10/98
B-Starts - 12/98
Prevention Research Centers – 10/99
Conte Clinical Neuroscience Centers – 3/00, 3/01, 3/02
Member of Ad Hoc Site Visit Teams for R01, PPG, and Center applications to NIMH
NIMH meeting on pediatric bipolar disorders, neuroimaging forum leader, 3/03
NIMH panel on Neuropsychological Assessment of Treatment Outcomes, 4/03

4. Other Grant Reviews:

VA Merit Review: ad hoc Reviewer (1988 -)
Wellcome Trust: ad hoc Reviewer (1993 -)
DoD Intramural Women's Health Program: ad hoc Reviewer (1995)
National Science Foundation: ad hoc Reviewer (1996 -)
VA/DoD Collaborative Research Program (1997)
Study Section Member for Special Initiative on PTSD and Stress Related Disorders for VA (1998)
NSERC/MRC of Canada (2001)
Canada Foundation for Innovation – Neuroscience Review Panel (2003)

5. Scientific Advisory Boards:

NIMH Schizophrenia MHCRC at Hillside Hospital (J. Kane, PI) (1995 - 2000)
NIMH Schizophrenia MHCRC at U. of Maryland, Conte Center (W. Carpenter, PI) (1997 -)
Institute for Living, (G. Pearlson, Director) (2003 -)

LIST OF CURRENT RESEARCH INTERESTS:

fMRI studies of human cortical oculomotor neurophysiology and spatial cognitive functions
Studies of neurocognitive abnormalities in schizophrenia, mood disorders and autism
Delineating neural mechanisms of executive functions and working memory with fMRI
Studies of the effects of psychiatric treatments on cognitive functioning

SERVICE:

I. University and Medical School:

1. New York Hospital - Westchester Division (1982 - 1985)
 - a. Psychology Coordinator for Acute Treatment Inpatient Division (100 beds)
 - b. Assistant Director for Training in Psychology
 - c. Committee Memberships:
 - Acute Treatment Division Council (1982 - 1985)
 - Psychology Education and Coordinating Committee (1982 - 1985)
 - Residency Education Committee (1983 - 1985)
 - d. Patient Care
 - Psychological and Neuropsychological Assessments (1982 - 1985)

2. New York Hospital - Payne Whitney Clinic (1985 - 1990)
 - a. Director, Laboratory of Clinical Psychophysiology
 - b. Committee Memberships:
 - Quality Assurance (1985 - 1987)
 - Psychiatry Computer Utilization Committee (1987 - 1990)
 - Residency Education Committee (1987 - 1990)
 - Psychiatry Research Committee (1987 - 1990)
 - Psychology Curriculum Committee (Chair) (1988 - 1990)
 - c. Patient Care
 - Psychological and Neuropsychological Assessments (1985 - 1990)

3. University of Pittsburgh Medical Center / Western Psychiatric Institute & Clinic (1990 – 2001)
 - a. Director, Neurobehavioral Studies Program (1990 - 2001)
 - b. Director, Data Management and Statistical Core
 - NIMH Clinical Research Center for the Study of Suicidal Behavior (1990 - 1994)
 - c. Director, Neurocognitive Studies Core
 - NIMH Center for Functional Brain Imaging (1993 - 1998)
 - d. Co-Director, Clinical Core (1993 - 1998), and Co-Director, Data Management and Statistics Core (1998 - 2001) NIMH Center for the Neuroscience of Schizophrenia
 - e. Committee Memberships:
 - Research WPIC Seed Monies Review Committee (1990 - 1997)
 - Reviewer for WPIC Research Committee (1990 - 2001)
 - Scientific Advisory Committee, Functional Imaging Research Program (1994 - 2001)
 - Education Curriculum Review Committee (1994 - 1995)
 - Clinical Outcomes Evaluation Committee (1994)
 - Mood and Anxiety Disorder Research Cluster Committee (1995 - 2001)
 - Schizophrenia Research Cluster Committee (1995 - 2001)
 - Grants Process Advisory Committee (1996)
 - Research and Development Committee, Behavioral Science Study Section, Pittsburgh VA Healthcare System, Highland Drive (1998)
 - Allied Health Care Certification Committee (1999 - 2001)
 - Coordinator of Imaging Component of VA MIRECC, Pittsburgh (2000 – 2001)
 - f. Co-Director of Educational Programming, MR Research Center (1995 - 1997)
 - g. Director, Psychological and Neuropsychological Assessment Program (1994 - 1999), then Co-Director of the Clinical Neuropsychology Service (1999 - 2001)
 - h. Discipline Chief, Psychology Service, University of Pittsburgh Medical Center (1999 - 2001)
 - i. Bi-monthly talks on Cognitive Effects of ECT in Departmental Continuing Medical Education Program (1997 – 2001)

4. University of Illinois – Chicago, Neuropsychiatric Institute (2001 -)
 - a. Director, Center for Cognitive Medicine
 - b. Member of medical staff, University of Illinois Hospital
 - c. Member, Scientific Advisory Committee, General Clinical Research Center (2001 – 2003)
 - d. Member, Management Advisory Committee, Center for Magnetic Resonance Research
 - e. Member, UIC-UIUC organizing committee for Intercampus Biomedical Imaging Symposium (2003)
 - f. Director, Psychosis Program, Department of Psychiatry (2003 -)

g. Member, Departmental Management Committee, Department of Psychiatry (2002 -)

II. Community Activities:

1976 to 1977	St. Joseph's Hospital Syracuse, NY	Clinical Psychology Trainee
1977 to 1978	V.A. Medical Center Syracuse, NY	Clinical Psychology Trainee
1979	Yale Psychiatric Institute New Haven, CT	Research Assistant
1979 to 1980	New York Hospital Payne Whitney Clinic, NY, NY	Clinical Psychology Intern
1980 to 1982	New York Hospital Payne Whitney Clinic, NY, NY	Post-Doctoral Fellow in Psychology (neuropsychology emphasis)
1982 to 1985	The New York Hospital Westchester Division White Plains, NY	Professional Associate in Psychology
1985 to 1990	The New York Hospital Payne Whitney Clinic, NY, NY	Assistant Attending Psychologist
1990 to 2001	Western Psychiatric Institute and Clinic, Pittsburgh, PA UPMC Medical Associate Staff	Staff Psychologist Program Director
1997 to 2001	McKeesport Hospital UPMC affiliate hospital Pittsburgh, PA	Staff Psychologist
2001 to present	University of Illinois Hospital Neuropsychiatric Institute Medical Staff	Staff Psychologist Director, Psychosis Program