

CURRICULUM VITAE

Henry David Abraham, M.D.

Date of Birth: August 25, 1942

Place of Birth: Philadelphia, PA

Education:

1963-1967 M.D. Johns Hopkins University School of Medicine
1960-1963 B.Sc. Muhlenberg College

Postgraduate Training:

1971-1974 Resident in Psychiatry, Massachusetts General
Hospital, Boston, MA
1967-1968 Intern in Pediatrics, Harriet Lane Service
Johns Hopkins Hospital, Baltimore, MD

Postgraduate Honors and Awards:

2017 Distinguished Alumnus Award, Johns Hopkins
University
2014 Doctorate of Humane Letters, Muhlenberg College
2007 Distinguished Life Fellow of the American Psychiatric
Association
2007 Sandy Writing Contest, Honorable Mention
1997 Shankweiler Fellow for Contributions to Medicine,
Muhlenberg College, Allentown, PA
1990 Alumni Achievement Award, Muhlenberg College
Allentown, PA
1988 Inductee to the Hall of Fame, Central High School,
Philadelphia, PA
1988 Recipient, the Leon J. Obermayer Award, School
District of Philadelphia, PA
1985 Co-Author, Constitution for the International
Physicians for the Prevention of Nuclear War,
recipient of the Nobel Peace Prize
1982 Consultant, Narrator for "Ground Zero: Victory
Road," 30 minute TV drama for WCVB-TV Boston,
Winner of Peabody Award for Best Public
Information Program

1979	Recipient, Grant from the William R. Milton Fund, Harvard University for Research in Medicine
1978-1979	Writer for "The Baxters", given the IRIS Award for Best Series in Public Information by the National Association of Television Program Executives, 1978
1978	Writer for the EMMY Award Winning Series, "The Baxters," WCVB-TV, Boston, Best Series in Informational Programming in New England
1978-1979	Writer of "Time Bomb" Episode of "The Baxters", nominated for the Peabody Award Best Program in Public Information in New England
1977	New England Playwrights Guild Selection for production of the comedy "Silent Partners", Brattleboro, VT
1976	Second Prize, Conjoint Media Festival of the Health and Science Communications Association, the Biological Photography Association, and the Association of Medical Illustrators in the Public Information Category for the film "Pain Unit"
1975	Third Prize, Health and Science Communications Association Media Festival, Atlanta, GA, for Television Production "I Want to Die"
1975	Second Prize, Health and Science Communications Association Media Festival, for Television Production "Drinkers in Crisis" Atlanta, GA
1967	Student Research Award, Honorable Mention, Johns Hopkins University School of Medicine
1963-1967	Pennsylvania Medical Society Scholarship Johns Hopkins University School of Medicine
1963-1967	Johns Hopkins University School of Medicine Scholarship
1963	Valedictorian, Summa cum Laude, Muhlenberg College
1960-1963	Competitive Tuition Scholarship, Muhlenberg College

Academic Appointments

1993-2007	Lecturer in Psychiatry Massachusetts General Hospital, Boston, MA
1993-1995	Clinical Professor of Psychiatry Tufts University School of Medicine
1993-2007	Lecturer in Psychiatry Harvard Medical School

1987-1993 Assistant Clinical Professor of Psychiatry
Harvard Medical School, Boston, MA

1974-1987 Clinical Instructor in Psychiatry
Harvard Medical School, Boston, MA

1971-1974 Clinical Fellow in Psychiatry
Harvard Medical School, Boston, MA

1970-1971 Assistant Professor, Department of Community
Medicine, University of Arizona College of
Medicine, Tucson, AZ

1968-1969 Clinical Fellow, Department of Medicine,
Grady Memorial Hospital, Atlanta, GA

1968-1970 Associate in Medicine and Pediatrics,
Emory University School of Medicine, Atlanta, GA

1965 Clerk, Cardiology and Clinical Medicine,
Faculty of Medicine, University of Edinburgh,
Scotland

Hospital Appointments

1998-2001 Staff Psychiatrist, Department of Psychiatry,
Mt. Auburn Hospital, Cambridge, MA

1995-1998 Director, Alcohol and Drug Treatment Services,
Butler Hospital, Providence, RI

1993-2007 Consultant in Psychiatry, Massachusetts General
Hospital, Boston, MA

1993-1995 Director of Alcohol and Drug Treatment Services,
Tufts New England Medical Center

1981-1993 Director of Psychiatric Research
St. Elizabeth's Hospital, Brighton, MA

1974-1993 Clinical Associate in Psychiatry,
Massachusetts General Hospital, Boston, MA

1974-1975 Director, Marlboro-Westboro Unit
Westboro State Hospital, Westboro, MA

1970-1971 Pediatrician, Tucson Medical Center, Tucson, AZ

1970-1971 Pediatrician, St. Joseph's Hospital, Tucson, AZ

1970-1971 Pediatrician, St. Mary's Hospital, Tucson, AZ

Other Appointments

2007- Consultant, Medical Research Council, Great Britain

1995 Chairman, Metropolitan Taskforce on the
Emergency Treatment of Substance Abusers,
Boston, MA

- 1970-1971 Pediatrician, Chicano Health Project
El Rio Santa Cruz Neighborhood Health Center,
Tucson, AZ
- 1968-1970 Associate in Biomedical Communications, National
Medical Audiovisual Center, National Library
of Medicine, Atlanta, GA

Hospital Committees

- 1995 Infection Control Committee, Butler Hospital,
Providence, RI
- 1995 Pharmacy and Therapeutics Committee, Butler
Hospital, Providence, RI
- 1995 Taskforce to Revise the Addiction Medicine Program
Tufts University School of Medicine
- 1993-1994 Substance Abuse Resource Team, New England
Medical Center
- 1990 Computer Committee, St. Elizabeth's Hospital of
Boston
- 1983 Chairperson, Research and Human Studies
Committee, St. Elizabeth's Hospital of Boston
- 1982 Library Committee, St. Elizabeth's Hospital of
Boston

University Committees

- International:
- 1998 Board of Directors, EEG and Clinical Neuroscience
Society
- 1985 Co-Chair, Core Curriculum, Fifth World Congress,
International Physicians for the Prevention of
Nuclear War, Budapest, Hungary
- 1984 Advisory Board, International Physicians for the
Prevention of Nuclear War
- 1984 Co-Chair, Medical Consequences of Nuclear War,
sponsored by the International Physicians for
the Prevention of Nuclear War, Helsinki, Finland
- 1982 Physicians for the Prevention of Nuclear War, The
Hague, Netherlands

- National:
- 1998- Special Consultant, National Institute on Drug Abuse
1996-98 Chairman, Training Committee, American Psychiatric

1994-	Electrophysiology Association
1992-	Consultant to US Department of Justice
	Consultant, National Institutes of Health and the Alcohol, Drug Abuse, and Mental Health Administration
1988	Advisory Board, DSM Work Group on Alcohol and Substance Abuse, Committee to Revise Diagnostic and Statistical Manual, Fourth Edition, American Psychiatric Association
1986	Committee to Revise Diagnostic and Statistical Manual, Third Edition, American Psychiatric Association
1982	Chairperson, Search Committee for Chief Executive Officer Physicians for Social Responsibility
1981	Consultant, National Academy of Sciences, Committee on Marijuana and Health Institute of Medicine, Washington, D.C.
1979-1983	Secretary, Executive Committee, Physicians for Social Responsibility
1979-1983	Secretary, Board of Directors, Physicians for Social Responsibility
1979	Co-Chair, By-Laws Committee, Physicians for Social Responsibility

Membership in Organizations

2018-19	President, Toronto City Opera, Toronto, Canada
1996	The Serotonin Club
1995	International Society for Neuroimaging in Psychiatry
1995	Society of Biological Psychiatry
1995	Society for Neuroscience
1995	American Psychiatric Electrophysiology Association
1994	American Academy of Psychiatrists in Alcoholism and the Addictions
1983	American Association for the Advancement of Science
1974	The Harvard Medical Society
1974	The American Psychiatric Association
1967	The Johns Hopkins Medical Society
1963	Physicians for Social Responsibility
1963	Omicron Delta Kappa Honor Society

Publications

1. Abraham HD, Salzman C. Hallucinogen persisting perception disorder following therapeutic ketamine: a case report. *J Alc Drug Dependence*, 5, 5, 1-2, 2017.
2. Abraham HD. When the trip doesn't end. *The Psychologist*, 670-673, vol. 27, no. 9, September 2014.
3. El-Mallakh RS, Halpern JH, Abraham HD. Substance Abuse: Hallucinogen- and MDMA-Related Disorders (Chapter 60). In: Tasman A, Maj M, First MB, Kay J, Lieberman JA, editors. *Psychiatry*. 3rd edition. London: John Wiley & Sons, pp. 1100-1126, 2008.
4. El-Mallakh R, and Abraham HD. MDMA (Ecstasy). *Ann Clin Psych*, 19(1):45-52, 2007.
5. Abraham HD, Duffy, FH. EEG coherence in post-LSD visual hallucinations. *Psychiatry Research:Neuroimaging*, 107:151-163, 2001.
6. Abraham HD. New hope for hallucinogen persisting perception disorder? *Journal of Clinical Psychopharmacology* 21:343, 2001.
7. Gilman S, Abraham HD. A longitudinal study of the order of onset of alcohol dependence and major depression. *Drug and Alcohol Dependence* 63:277-286, 2001.
8. Abraham HD, Degli-Esposti S, Marino L. Seroprevalence of Hepatitis C in a sample of middle class substance abusers. *Journal of Addictive Diseases*, 18(4):77-87, 1999.
9. Abraham HD, Fava M. Order of onset of substance abuse and depression in a sample of depressed outpatients. *Comprehensive Psychiatry*, 40(1):44-50, 1999.
10. Abraham HD, Anderson C, Lee D. Somatization disorder in Sphincter of Oddi dysfunction. *Psychosomatic Medicine*, 59(5):553-557, 1997.
11. Abraham HD, Duffy FH. Stable qEEG differences in post-LSD visual disorder by split half analyses: Evidence for disinhibition. *Psychiatry Research:Neuroimaging*, 67:173-187, 1996.
12. Abraham HD, Mamen A. LSD-like panic from risperidone in post-LSD visual disorder. *J Clin Psychopharmacol*, 16:238-241, 1996.
13. Abraham HD, Aldridge A, Gogia P. Psychopharmacology of the hallucinogens. *Neuropsychopharmacology*, 14:285-298, 1996.
14. Leipsic J, Abraham HD, Halperin P. Neuroleptic malignant syndrome in a general hospital. *J Geriat Psych Neurol*, 8:28-31, 1995.
15. Abraham HD, Aldridge A. LSD: A point well taken. *Addiction*, 89, 763, 1994.
16. Abraham HD. Visual hallucinations in macular degeneration. *American Journal of Psychiatry*, 150:11, 1758, 1993.
17. Abraham HD, Aldridge A. Adverse consequences of lysergic acid

- diethylamide. *Addiction*, 88:1327-1334, 1993.
18. Abraham HD, Duffy FH. Computed EEG abnormalities in panic disorder with and without premorbid drug abuse. *Biological Psychiatry* 29:687-690, 1991.
 19. Herr B, Abraham HD, Anderson W. Length of psychiatric admissions in a general hospital: a controlled study. *General Hospital Psychiatry*, 13:68-70, 1991.
 20. Abraham HD. Stimulants, panic and BEAM EEG abnormalities. *Am J Psychiatry (letter)* 147:847-848, 1989
 21. Abraham HD, Wolf E. Visual function in past users of LSD: psychophysical findings. *J Abnormal Psychology* 97(4):443-447, 1988
 22. Abraham HD, Joseph AB. Bulimic vomiting alters pain tolerance and mood. *Intl J Psych Med* 16:311-316, 1987.
 23. Abraham HD. Do psychostimulants kindle panic disorder? *American J Psychiatry (letter)* 143:1627, 1986.
 24. Abraham HD. Inching towards Armageddon. *Yale J Biology and Medicine*, 56: 67-78, 1983.
 25. Abraham HD. Visual phenomenology of the LSD flashback. *Arch Gen Psychiatry*; 40: 884-889, 1983.
 26. Abraham HD. L-5-hydroxytryptophan for LSD-induced psychosis. *Am J Psychiatry*. 140:456-458, 1983.
 27. Executive Committee*, Physicians for Social Responsibility. Medical care in modern warfare- a look at the Pentagon plan for the civilian sector. *N England Journal of Medicine* 306:741-743, 1982. *HDA, first author.
 28. Abraham HD. A chronic impairment of colour vision in users of LSD. *Brit J Psychiatry*. 140: 518-520, 1981
 29. Abraham HD. Psychiatric illness in drug abusers. *N England Journal of Medicine* 302: 868-869, 1980
 30. Abraham HD, Howell, RR. Human hepatic uridinediphosphategalactose pyrophosphorylase: its characterization and activity during development. *J Biological Chemistry* 244: 545-550, 1969

Other Publications

1. Abraham HD. *Dodging Bullets with My Friend Akela*, memoir with publication pending.
2. Abraham HD. *Nanokill*. Thriller with publication pending.
3. Abraham, HD. *The No Nonsense Guide to Drugs and Alcohol*. Ebook, Amazon.com, 2014.
4. Abraham HD. Catechol-O-methyl transferase inhibition reduces symptoms of hallucinogen persisting perception disorder. Poster presentation at the Annual Meeting of the Society of Biological

- Psychiatry, 2012.
5. El-Mallakh R, Halpern J, and Abraham HD. Hallucinogen and MDMA Related Disorders. In Tasman A, and First, M (eds.), *A Clinical Guide to the Diagnosis and Treatment of DSM-IV-TS Mental Disorders*, 3rd Ed., John Wiley, in press.
 6. Abraham HD. *What's A Parent to Do?* New Horizon Press, East Rutherford NJ, 2004.
 7. Abraham HD. Drug Education for Teens, Film series, Schlessinger Media, Wynnewood PA, 2004
 8. El-Mallakh R, Halpern J, and Abraham HD. Hallucinogen and MDMA Related Disorders. In Tasman A, Kay J, and Lieberman JA (eds.), *Psychiatry*, 2nd Edition, 2003.
 9. Abraham HD, Ricaurte G, and McCann U. Chapter 108, Psychedelic drugs. In Davis KL, Charney D, Coyle JT, Nemeroff C (eds). *Neuropsychopharmacology, The Fifth Generation of Progress*. Lippincott Williams and Wilkins, Philadelphia, 2002.
 10. Abraham HD. Disorders relating to the use of phencyclidine and hallucinogens. In Gelder MG, Lopez-Ibor JJ, and Andreasen N. *Oxford Textbook of Psychiatry*, Chapter 4.2.3.4, Oxford University Press, Oxford, 2000.
 11. Abraham HD. Book review, *General Hospital Psychiatry*, 22:57-58,2000. *Clinical Textbook of Addictive Disorders*, 2nd Edition, Frances RJ and Miller SI (eds.) Guilford Press, NY, 1998.
 12. Abraham HD. Hallucinogen-Related disorders. In Kaplan HI and Sadock BJ (eds.) *Comprehensive Textbook of Psychiatry*, Seventh Edition, Chapter 11.7, pp. 1015-1024. Lippincott, Williams and Wilkins, Philadelphia, 2000.
 13. Abraham HD. The anxious substance abuser and the anxious clinician. In Ellison J. (ed.) *Integrative Treatment of Anxiety Disorders*. American Psychiatric Press, Washington DC, 1996.
 14. Abraham HD. Hallucinogens, Inhalants, and Designer Drugs, Chp. 114, p. 1-8. In Michels R et al. (eds.) *Textbook of Psychiatry*, Lippincott, Philadelphia, 1995.
 15. Abraham HD, Aldridge A. Lysergic Acid Diethylamide: clinical, therapeutic and scientific considerations. Presented to NIDA Technical Review Meeting on Hallucinogens, July 14, 1992.
 16. Abraham HD. A man who saw the air. In Spitzer RL, Gibbon M, Skodol AE et al. *DSM-III-R Case Book*, pp. 167-168, Washington DC, American Psychiatric Press, 1989.
 17. Abraham HD. The social responsibility of the modern university: avoiding nuclear war. *Pro Veritate* 1985; 6: 15-20.
 18. Abraham HD. LSD flashbacks. *Arch Gen Psychiatry* (letter), 1984;41:632-633.

19. Cassel C, McCally M, Abraham HD, eds. *Nuclear weapons and Nuclear War -a sourcebook for health professionals*. Philadelphia, Praeger, 1984.
20. Abraham HD. Psychiatric aspects of marijuana use. In: Manschreck T, Murry G, eds. *Psychiatric Medicine Update: Massachusetts General Hospital Reviews for Physicians, Vol. 3*, New York, Elsevier North Holland, NY 1984.
21. Committee of the Institute of Medicine: *Marijuana and Health*, National Academy Press, Washington, DC 1982.

Abstracts

1. Abraham HD, Duffy FH. Poster. Spectral EEG Coherence in Visual Hallucinations: Possible 'Binding' of Visual Information. Toward a Science of Consciousness, "Tucson III", Tucson AZ, April 27-May 2, 1998.
2. Toi VV, Abraham HD, Bursac N. Post-LSD hallucinosis is associated with decrease in flicker-fusion sensitivities. Association for Research in Vision and Ophthalmology, 1996.
3. Abraham HD, Duffy FH. EEG coherence in post-LSD persisting perception disorder. Society of Neuroscience Annual Meeting, San Diego, 1995.
4. Abraham HD, Duffy FH, Crayton J, Yeoh H. Poster. The diagnosis and treatment of chronic visual disturbances following LSD. 148th Annual Meeting of the American Psychiatric Association, Miami, May 25, 1995.
5. Abraham HD, Duffy FH, Crayton J, Arora R, Yeoh H. Poster. Visual disturbances following the use of lysergic acid diethylamide. American Academy of Psychiatrists in Alcoholism and Addictions, San Diego, December 2, 1994.
6. Abraham HD, Fava M. Poster. Order of onset of major depression and drug abuse. 147th Annual Meeting of the American Psychiatric Association, Philadelphia May 24, 1994.
7. Abraham HD. BEAM Studies in Panic Disorder: An exploration. Presented at the 141st Annual Meeting of the American Psychiatric Association, Montreal, Canada, May 10, 1988.
8. Abraham HD. Visual Disturbances in a Population of LSD Users, presented at the 134th Annual Meeting of the American Psychiatric Association, New Orleans, LA May 14, 1981.

Invited Presentations

- 2018 Hallucinogen Persisting Perception Disorder (HPPD):
Clinical and Neurophysiological Perspectives.

Presented at the Vereniging voor Verslavingsgeneeskunde (VVG) Conference, NBC Congrescentrum, Nieuwegein Utrecht, Netherlands June 14, 2018

- 2008 Seminar on Hallucinogenic Drugs, Department of Psychiatry, Massachusetts General Hospital, Boston MA
- 2004 Primary Prevention in Substance Use Disorders: a Review of the Evidence. Grand Rounds at the Massachusetts General Hospital Department of Psychiatry, Boston MA
- 2003 The Neurobiology of Chronic Visual Hallucinations from LSD, Departments of Neuroscience and Anatomy, Boston University School of Medicine.
- 2001 Primary Care Program, Mt. Auburn Hospital, Cambridge MA, The medical effects of MDMA ("Ecstasy")
- 2001 Primary Care Program, Mt. Auburn Hospital, Cambridge MA, The medical effects of marijuana
- 1999 Colloquium, Department of Psychology, Brown University, An hypothesis for the mechanism of some visual hallucinations.
- 1998 Psychosomatic Conference, Where and how do hallucinations occur in the brain? Dept. of Psychiatry, Massachusetts General Hospital, Boston

American Society of Addiction Medicine, Seroprevalence of Hepatitis C in Sample of Middle Class Substance Abusers, 29th. Annual Medical-Scientific Conference, New Orleans.
- 1997 Psychosomatic Conference, Hallucinogen Persistent Perceptual Disorder. Dept. of Psychiatry, Massachusetts General Hospital, Boston.

American Psychological Association, NIDA Symposium, Neurobiological Consequences of Drug Abuse: Abnormal EEG Coherence in Post-LSD Hallucinations, Annual Meeting, Chicago.
- 1996 American Psychological Association, NIDA Symposium, Neurobiological Consequences of Drug Abuse: Electrophysiological Predictors of Relapse in Substance Abusers,

Annual Meeting, Toronto.

- 1992 Laboratory of Molecular Biology, St. Elizabeth's Hospital,
Towards a Molecular Mechanism for the Neuropathology of
Hallucinogens in Human Beings.
- 1991 University of South Florida Psychiatry Center, Tampa, FL, Grand
Rounds and Case Presentation, Drug Abuse and Organic Anxiety

St. Elizabeth's Hospital of Boston, Medical Grand Rounds,
Substance Abuse in the Medical Patient.
- 1990 Massachusetts General Hospital, Boston, MA, Grand Rounds,
Drug Abuse and Panic Disorder: New Evidence for an
association.
- 1989 Seminar, "Occupational Stress in Law Enforcement," Norwood
Hospital, Norwood, MA.

Cocaine Abuse and Panic Disorder: Physiological Findings.
Veterans Administration Court Street Clinic, Boston, MA.

Grand Rounds, New Findings in Physiology of Panic Disorder,
Beth Israel Hospital, Boston, MA.
- 1987 Seminar at the Epilepsy Unit, Chronic effects of psychostimulants
in CNS function. Mt. Auburn Hospital, Cambridge, MA.

Grand Rounds, Long-term effects of LSD in humans.
Massachusetts Institute of Technology, Medical Department.

Long-term psychotoxins in humans. Harvard University
Extension School.

Do drugs make people crazy? Freedom from Clinical
Dependence. Needham, MA.
- 1986 Psychopharmacology Seminar, Long-Term Effects of
Hallucinogens in Man, McLean Hospital, Belmont MA
- 1985 Resident's Seminar, Long-Term Effects of Hallucinogenic Drugs
in Humans. Detroit Psychiatric Institute.

Grand Rounds, Differential Diagnosis of Toxic Psychoses. Detroit Psychiatric Institute.

Psychiatric Aspects of the Nuclear Arms Race, Royal Hobart Hospital Grand Rounds, Hobart, Tasmania.

The Planet as Patient: The Physician's Role in the Prevention of Nuclear War, Wellington Clinical School of Medicine, Wellington, New Zealand

Clinical Meeting, Glenside Hospital, Adelaide, Australia.

The Physician and Nuclear War, Auckland School of Medicine, Auckland, New Zealand

1984 Panelist from the United States, "What is the Path Towards Our Common Security?", Conjoint Meeting of the International Peace Communications Center, the International Peace Bureau, and the Swedish Ecumenical Council, Stockholm, Sweden.

Psychiatric Grand Rounds Long-term Effects of Hallucinogenic Drugs in Humans. Yale University School of Medicine.

Trends in American psychiatric research. All Union Centre for Research in Mental Health, Soviet Academy of Sciences, United Soviet Socialist Republic.

1982 *The Medical Consequences of Nuclear War*. Symposium with Cyrus Vance, Flora Lewis, et al. Mount Holyoke College.

Grants

1. 1994-95 New England Shelter for Homeless Veterans, Psychopathology in Homeless Veterans, \$30,000 Principal Investigator.
2. 1992, Serotonin-2 Receptors in Platelets in Post-Hallucinogen Sensory Disorder, National Institutes of Health Biological Science Research Grant, \$1,500, Principal Investigator.
3. 1992-96, Electrophysiology of Panic Disorder Among Drug Abusers, National Institute on Drug Abuse, RO1 DA07120-01A2, \$697,416, Principal Investigator.

4. Electrophysiology of Panic Disorder Among Marijuana Users, National Institute on Drug Abuse, 3 RO1 DA07120-0451, \$49,346, Principal Investigator.

University Teaching Roles

- 2003 Hallucinogens and the Amphetamines, annual seminar for the Addictions Fellowship program in the Department of Psychiatry, Massachusetts General Hospital, Boston
- 1999-2000 Harvard Medical School, Site Director, Mt Auburn Hospital, Year I Course, Psychopathology and Introduction to Clinical Psychiatry
- 1997-1998 Brown University School of Medicine, Course Director, Self Awareness as a Tool in Clinical Medicine.
- 1996 Pathophysiology of Long Term Effects of Hallucinogenic Drugs in Humans, May 4, New York, NY. 4th Annual Meeting of the American Psychiatric Electrophysiology Association.
- 1995 Symposium: Substance Abuse in People with Mental Illness, Tufts/New England Medical Center and Baycove Mental Health Center, February 27, Jamaica Plain, MA. Order of onset of substance abuse and depression.
- 1993 Harvard Medical School Course, Patient-Physician I, Boston, MA.
- 1993-1995 Tufts University School of Medicine, Course Director, Introduction to Psychopathology. Lectures delivered: Introduction to Psychopathology; Drugs of Abuse; Anxiety Disorders; Sexual Disorders; Lectures coordinated: Psychodynamic Aspects of the Clinical Interview; Schizophrenia; Affective Disorders; Delirium and Dementia; Sleep Disorders; Somatoform Disorders; Personality Disorders; and Psychological and Neuropsychological Testing.
- 1992 Harvard Medical School Course, Patient-Physician I, Boston, MA Seminar, Physiological correlates of panic disorder.
- 1991 St. Elizabeth's Hospital of Boston, Department of Anesthesiology, Staff Conference, Substance Abuse Among Health Professionals.

Harvard Medical School Course, Patient-Physician I, Boston, MA, directed at first year medical students, dealing with: Patient Interviewing; the Patient's Experience of Illness; the Life Cycle; the Biopsychosocial Model; the Adolescent; Cigarette Smoking; Addiction and Substance Abuse; Cultural and Ethnic Issues in Medicine; Urban Health; the Sexual History; Death, Dying, and Loss; Domestic Violence; Caring for People with HIV Infection; Geriatrics; and Caring for Patients with Disabilities.

1989 McLean Hospital, Belmont MA, Psychopharmacology.

Brookside Hospital, Nashua, NH, Can Stress Lead to Addictive Behavior? Seminar, "Occupational Stress in Law Enforcement."

1988 Tufts New England Medical Center, Grands Rounds, The Long-Term Effects of Hallucinogens in Human Beings.

Norwood Hospital, Norwood, MA, Grand Rounds, Drug Abuse and Psychopathology: How Are They Related?

Cambridge Hospital, Cambridge, MA, Cocaine Abuse and Panic Disorder: Physiological Findings.

Veterans Administration Court Street Clinic, Boston, MA, Grand Rounds, New Findings in the Physiology of Panic Disorder.

Montreal, Canada, Presented at the American Psychiatric Association, BEAM Studies in Panic Disorder: an exploration.

1987 St. Elizabeth's Hospital of Boston, Research Seminar, Laboratory of Molecular Biology, Continuous Hallucinoses in Man- Recent Findings.

Beth Israel Hospital, Boston, MA, Seminar at the Epilepsy Unit, Chronic effects of psychostimulants in CNS function.

Mt. Auburn Hospital, Cambridge, MA, Grand Rounds, Long term effects of LSD in Humans.

Harvard School of Public Health, Boston, MA, International House, When Sane People Do Insane Things: a Psychiatric Look at the International Race in Nuclear Weapons.

St. Elizabeth's Hospital of Boston, Medical Grand Rounds,
Post-Hallucinogen Sensory Disorder: Interface between
Psychiatry and Neurology.

1986 Massachusetts General Hospital, Grand Rounds.

Laboratory of Molecular Biology, St. Elizabeth's Hospital,
Towards a Molecular Mechanism for the Neuropathology of
Hallucinogens in Human Beings.

St. Elizabeth's Hospital, Department of Psychiatry, The
Psychiatry of Ecstasy and Other Hallucinogens.

McLean Hospital, Psychopharmacology Seminar, Long Term
Effects of Hallucinogens in Man.

1985 Massachusetts General Hospital, Drugs of Abuse in the
Psychiatric Emergency Room.

St. Elizabeth's Hospital, Differential Diagnosis of Drug Abuse.

Massachusetts General Hospital, Differential Diagnosis of Toxic
Psychoses, Psychiatric Residents' Seminar.

Massachusetts General Hospital, Department of Neurology,
Neuro-ophthalmology Seminar, Visual Consequences of
Hallucinogenic Drug Abuse.

Wellington, New Zealand, Meeting with Rt. Hon. David Lange,
Prime Minister of New Zealand, East and West Physicians
Campaign to Prevent Nuclear War.

Wellington, New Zealand, Address to Disarmament and Arms
Control Committee of Parliament.

Christchurch Clinical School, Christchurch, New Zealand, Clinical
Aspects of Eating Disorders.

Christchurch, New Zealand, Christchurch Hospital Clinical
Meeting, Professional Responsibility and Political Effectiveness.

Royal Prince Alfred Hospital, Psychiatric Grand Rounds, Sydney,
Australia.

Christchurch, New Zealand, International Physicians for the Prevention of Nuclear War, New Zealand Branch Annual Meeting, The Social Responsibilities of Professional People.

Royal Melbourne Institute of Technology, Address on Medical Effects of Nuclear War, Melbourne, Australia.

Royal Park Psychiatric Hospital, Grand Rounds, Long Term Effects of LSD in Humans, Melbourne, Australia.

Australian National University, Treating the Nuclear Madness, Canberra, Australia.

Address, Australian Labor Party Caucus on Foreign Affairs and Defence, Psychiatric Aspects of the Arms Race-an American Perspective.

Trondheim, Norway, Norwegian Physicians for the Prevention of Nuclear War, in celebration of the 1985 Nobel Peace Prize awarded to the IPPNW, *Beneath the Cloak of Reason: a Psychiatric Look at the Arms Race.*

1983 Massachusetts General Hospital, Residency Training Program, Acute Psychiatric Service, Differential Diagnosis of Drug Abuse in the Psychiatric Emergency Room.

1982 Massachusetts General Hospital, Residency Training Program, Acute Psychiatric Service, Differential Diagnosis of Drug Abuse.

St. Elizabeth's Hospital, Psychiatric Aspects of Drug Abuse.

St. Elizabeth's Hospital, Differential Diagnosis of Drug Abuse.

Massachusetts General Hospital, Residency Training Program, Acute Psychiatric Service, Differential Diagnosis of Drug Abuse.

Lindemann Mental Health Center, Differential Diagnosis of Toxic Psychoses.

Harvard Medical School, Continuing Medical Education Course, Psychiatric Aspects of Marijuana.

Massachusetts General Hospital, Continuing Medical Education Course, Grand Rounds, Long-Term Effects of LSD in Humans.

1981

Massachusetts General Hospital, Residency Training Program, Acute Psychiatric Service, Illicit Drug Users in the Emergency Room.

St. Elizabeth's Hospital, Continuing Medical Education Course, The Psychobiology of Alcoholism.

St. Elizabeth's Hospital, Continuing Medical Education Course, Psychiatric Aspects of Drug Abuse.

Massachusetts General Hospital, Residency Training Program, Acute Psychiatric Service, Differential Diagnosis of Drug Abuse.

St. Elizabeth's Hospital, Continuing Medical Education Course, The Psychiatry of Alcoholism.

St. Elizabeth's Hospital, Weekly Seminar, Initiator and Discussant, Contemporary Research Issues in Psychiatry.

Harvard Medical School, Continuing Medical Education Course, Psychiatric Aspects of Marijuana.

1980

Massachusetts General Hospital, Residency Training Program, Acute Psychiatric Service, The Drug Abuser in the Emergency Room.

Massachusetts General Hospital, Residency Training Program, Acute Psychiatric Service, Differential Diagnosis of Drug Abuse.

Massachusetts General Hospital, Psychosomatics Conference, Discussant, Psychiatric Aspects of Phencyclidine.

Harvard Medical School, Continuing Medical Education Course, Long-Term Effects of LSD in Humans.

Massachusetts General Hospital, Residency Training Program, Acute Psychiatric Service, Differential Diagnosis of Drug Abuse in the Emergency Room.

Massachusetts General Hospital, Psychosomatics Conference,

Discussant, The Mechanisms of Visual Hallucinations.

Harvard Medical School, Continuing Medical Education Course,
Differential Diagnosis of Hallucinogenic Drug Abuse.

Harvard Medical School, Continuing Medical Education Course,
Long-Term Effects of Hallucinogenic Drugs in Humans.

Augusta Mental Health Center Grand Rounds, Augusta, Maine,
Long-Term Effects of LSD in Humans.

1979 Massachusetts General Hospital Residency Training Program,
Acute Psychiatric Service, Psychiatric Aspects of Drug Abuse.

Harvard Medical School, Continuing Medical Education Course,
Hallucinogenic Drugs.

Massachusetts General Hospital, Residency Training Program,
Acute Psychiatric Service, Drug Abuse in the Psychiatric
Emergency Room.

Harvard Medical School, Continuing Medical Education Course,
Psychopharmacology of Hallucinogenic Drugs.

Harvard Medical School, Continuing Medical Education Course,
Psychopharmacology of Hallucinogenic Drugs.

Harvard Medical School, Continuing Medical Education Course,
Long-Term Effects of LSD in Humans.

Harvard Medical School, Continuing Medical Education Course,
Differential Diagnosis of Organic Mental Disorders.

1978 Harvard Medical School, Continuing Medical Education Course,
Long Term Effects of Hallucinogenic Drugs on Humans.

Massachusetts General Hospital Psychosomatics Conference,
Psychiatric Effects of Marijuana Use.

Massachusetts General Hospital Residency Training Program,
Acute Psychiatric Service, Psychiatric Aspects of Illicit Drug Use.

Harvard Medical School, Continuing Medical Education Course,

Hallucinogenic Drugs.

Harvard Medical School, Continuing Medical Education Course, Long-Term Effects of LSD in Humans.

Harvard Medical School, Continuing Medical Education Course, Psychopharmacology of Hallucinogenic Drugs.

Harvard Medical School, Continuing Medical Education Course, Toxic Psychosis Associated with Hallucinogenic Drugs.

1977 Harvard Medical School, Continuing Medical Education Course, Psychiatric Aspects of Hallucinogenic Drugs.

1976 Harvard Medical School, Continuing Medical Education Course, Psychobiology of Hallucinogenic Drugs.

1972 Massachusetts General Hospital Clinical Supervisor, Residents, Department of Psychiatry. The Dying Patient, Course for the Second Year, School of Nursing, Massachusetts General Hospital

Seminar for Psychiatric Residents, Massachusetts General Hospital. Psychiatric Aspects of Drug Abuse in the Emergency Room.

1971 University of Arizona School of Medicine, Course Developer and Lecturer, Introduction to Clinical Research.

Major Research Interests

1. Epidemiology of major affective disorders in substance abusers, 1992-2001
2. Search for a genetic variant in mRNA and genomic DNA in
3. Radioligand binding of LSD in platelets of patients with post-LSD hallucinosis, 1992-1995
4. Axis I psychopathology associated with mild head injury, 1992
5. Epidemiology of neuroleptic malignant syndrome in the elderly, 1992.
6. Psychosocial aspects of Sphincter of Oddi dysfunction, 1992
7. Electrical brain topography in primary insomnia, 1991
8. Temporal sequence of substance use and anxiety disorders, 1991.
9. Brain electrical activity mapping in obsessive-compulsive disorder, 1991

10. qEEG in alcohol and cocaine abuse, 1990-2000.
11. BEAM studies in panic disorder, 1987.
12. Epidemiological factors linked to length of psychiatric hospitalization, 1987-1991.
13. EEG topography in post-hallucinogen sensory disorder, 1986
14. Association of panic disorder with psychostimulant use, 1986
15. A biochemical hypothesis for the etiology of bulimia, 1984-86.
16. Acquired dyschromatopsia in psychiatric inpatients, 1983.
17. The pharmacotherapy of post-LSD psychosis, 1981-82.
18. A genetic hypothesis for varying sensitivities to LSD in humans, 1981.
19. Psychological bases of international arms race, 1980-
20. Diagnosis and treatment of post-LSD psychosis, 1979-1985
21. Differential sensitivities of LSD in humans, 1971-81.
22. Phenomenology of LSD flashbacks, 1971-81.
23. Effects of LSD on flicker-fusion phenomena in the cat, 1974.
24. Psychophysical observations in past LSD Use, 1971-87.
25. Perceptual dysfunction in chronic hallucinogen use, 1971-1974.
26. The relationship of drug abuse to psychopathology, 1971-
27. Developmental enzymology of congenital galactosemia, 1966-69.
28. Biostructure of the E. Coli bacterial cell wall membrane, 1963-64.
patients with post-LSD hallucinosis, 1992-1998

Editorial Positions

- | | |
|-----------|---|
| 2000 | Referee, Addiction |
| 1994 | Referee, Clinical Psychopharmacology |
| 1990 | Referee, Biological Psychiatry
Referee, Psychosomatic Medicine |
| 1988 | Referee, Journal of Clinical Psychiatry |
| 1987 | Referee, Archives of General Psychiatry |
| 1986 | Referee, American Journal of Psychiatry |
| 1979-1985 | Editor, National Newsletter, Physicians for Social Responsibility |

Principal Clinical and Hospital Service Responsibilities

- 1999-2000 Medical Director, Partial Psychiatric Hospital, Mt. Auburn Hospital, Cambridge MA.
- 1998-1999 Medical Director, Psychiatric Inpatient Service, Mt. Auburn Hospital, Cambridge MA.
- 1993-1995 New England Medical Center, Consultant and attending psychiatrist on the medical and surgical services.

Responsibilities include direct clinical care and medical student teaching; direction of the Substance Abuse Clinic, including direct clinical care, and supervision of residents and medical students.

1980-1993 Massachusetts General Hospital, Boston, Consultant, Private Psychiatric Consultation-Liaison Service.

1980-1993 Researcher, St. Elizabeth's Hospital of Boston and the Massachusetts General Hospital. Responsibilities included the initiation, conduct, review, advice, and support of all psychiatric research at St. Elizabeth's Hospital, as well as the conduct and supervision of research at the Massachusetts General Hospital.

Major Administrative Responsibilities

1983-1993 Director of Psychiatric Research, St. Elizabeth's Hospital of Boston.

1983-1993 Chairperson, Research and Human Studies Committee, St. Elizabeth's Hospital of Boston.

1985-1993 Library Committee, St. Elizabeth's Hospital of Boston.

1990-1993 Committee on Hospital Technology, St. Elizabeth's Hospital of Boston.

1993-1995 Course Director, Introduction to Psychopathology, Tufts University School of Medicine.

1993-1995 Course Director, Program in Addiction Medicine, Tufts University School of Medicine

1995-1998 Committee on Pharmacy and Therapeutics, Butler Hospital.

1995-1998 Infectious Disease Committee, Butler Hospital.

1997-1998 Course Director, Self-Awareness in Clinical Practice, Brown University School of Medicine.