

JOHN H. HALPERN, M.D.

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Education

1986 Hackley School, Tarrytown, NY.
1990 A.B. The University of Chicago, Chicago, IL. Biological Sciences with Honors.
1994 M.D. The State University of New York Health Science Center at Brooklyn, College of Medicine.

Post Graduate Training

7/94-12/94 Medical Internship, Carney Hospital, Boston, MA.
6/94-6/98 Psychiatry Resident, Harvard Longwood Psychiatry Residency Training Program, Boston, MA.
Clinical Fellow in Psychiatry, Harvard Medical School, Boston, MA.
7/97-6/03 Research Fellow, Clinical Neuroendocrinology Laboratory, Alcohol and Drug Abuse Research Center, Harvard Medical School-McLean Hospital, Belmont, MA.
7/97-6/03 Research Fellow, Biological Psychiatry Laboratory, Alcohol and Drug Abuse Research Center, Harvard Medical School-McLean Hospital, Belmont, MA.
7/98-6/99 Ethel Dupont-Warren Fellow, Harvard Medical School, Boston, MA.

Current Academic Position

7/98- Instructor in Psychiatry, Harvard Medical School, Boston, MA.

Current Position

6/03- Associate Director of Substance Abuse Research, Biological Psychiatry Laboratory, Alcohol and Drug Abuse Research Center, Harvard Medical School-McLean Hospital, Belmont, MA.

Awards and Grants

- 1997 APA Young Investigator Award. The 150th Annual Meeting of the American Psychiatric Association, San Diego, CA.
- 7/97-6/98; 8/99-6/00 National Research Service Award, National Institute on Drug Abuse, Rockville, MD. T32-DA-7252. Support for Postdoctoral Fellowship in drug abuse research, Alcohol and Drug Abuse Research Program, Alcohol and Drug Abuse Research Center, Harvard Medical School-McLean Hospital, Belmont, MA.
- 1998 1998 Laughlin Fellow of The American College of Psychiatrists.
- 7/98-6/99 Ethel Dupont-Warren Fellowship Award, Research Committee of the Consolidated Department of Psychiatry, Harvard Medical School, Boston, MA. Support for independent Postdoctoral Fellowship, Alcohol and Drug Abuse Research Program, Alcohol and Drug Abuse Research Center, Harvard Medical School-McLean Hospital, Belmont, MA.
- 7/98-6/99 Peter Livingston Fellowship Award, Research Committee of the Consolidated Department of Psychiatry, Harvard Medical School, Boston, MA.
- 7/98-6/02 Research Grant Award. The Heffter Research Institute, Santa Fe, NM. Support for protocol "Cognitive Effects of Substance Use in Native Americans."
- 9/00-8/04 Mentored Patient-Oriented Research Career Development Award (K23). National Institute on Drug Abuse, Rockville, MD. K23-DA00494. Support for career development, protocol "Cognitive Effects of Substance Use in Native Americans" (use of peyote or alcohol), and protocol "Neurocognitive Consequences of Long-Term Ecstasy Use."
- 9/01-3/06 Research Grant Award. The Multidisciplinary Association for Psychedelic Studies, Sarasota, FL. Support for protocols "Cognitive Effects of Substance Use in Native Americans" and "Neurocognitive Consequences of Long-Term Ecstasy Use" and development of protocol "Phase II dose-response pilot study of (+/-)-3,4-methylenedioxymethamphetamine (MDMA)-assisted psychotherapy in subjects with anxiety associated with advanced-stage cancer."
- 9/04- Original Research Grant, National Institute on Drug Abuse, Rockville, MD, 1 R01 DA017953-01A1. NIH grant support for protocol "Neurocognitive Consequences of Long-Term Ecstasy Use."

Prior Research Experience

- 1989 The University of Chicago, Chicago, IL.
Research Assistant under Morris Goldman, M.D. Project in self-induced water intoxication and schizophrenia. Volunteer at Illinois State Psychiatric Institute.
- 1989-1990 Ben May Institute, The University of Chicago, Chicago, IL.
Research Assistant under Jeffrey Bluestone, M.D. Project in cloning and characterization of murine T-cell receptor genes. Participated in engineering DNA constructs for injection into transgenic mice.
- 1994 The University of New Mexico, Albuquerque, NM.
Fourth year medical student Psychiatry Research Elective under Rick Strassman, M.D. Assisted in the collection of data on the dose response of the hallucinogen dimethyltryptamine (DMT) in human volunteers.
- 7/97-6/00 Alcohol and Drug Abuse Research Program, Alcohol and Drug Abuse Research Center, Harvard Medical School, Harvard University, McLean Hospital, Belmont, MA.
Research Fellowship under Jack Mendelson, M.D. Participated in projects on potential pharmacotherapy of cocaine dependency and cocaine's acute neuroendocrine and immunologic effects in humans. Separate project ran concurrently under Harrison G. Pope, Jr., M.D. on the neurocognitive effects of chronic hallucinogen use or alcoholism in a Native American population; project continued under above-noted K23 Career Development Award.

Publications

Peer Reviewed Articles

Halpern JH. The Use of Hallucinogens in the Treatment of Addiction. *Addiction Research*, **4**(2):177-189, 1996.

Halpern JH, Pope HG Jr. Do Hallucinogens Cause Residual Neuropsychological Toxicity? *Drug and Alcohol Dependence*, **53**:247-256, 1999.

Halpern JH, Pope HG Jr. Hallucinogens on the Internet: A Vast New Source of Underground Drug Information. *American Journal of Psychiatry*, **158**(3):481-483, 2001.

Mendelson JH, Mello NK, Sholar MB, Siegel AJ, Mutschler N, Halpern J. Temporal Concordance of Cocaine Effects on Mood States and Neuroendocrine Hormones. *Psychoneuroendocrinology*, **27**:71-82, 2002.

Halpern JH, Pope HG Jr. Hallucinogen Persisting Perception Disorder: What Do We Know After 50 Years? *Drug and Alcohol Dependence*, **69**(2):109-119, 2003.

Halpern JH, Sholar MB, Glowacki J, Mello NK, Mendelson JH, Siegel AJ. Diminished Interleukin-6 Response to Pro-Inflammatory Challenge in Men and Women After I.V. Cocaine Administration. *Journal of Clinical Endocrinology and Metabolism*, **88**:1188-1193, 2003.

Duckworth K, Halpern JH, Schutt RK, Gillespie C. Use of Schizophrenia as Metaphor in U.S. Newspapers. *Psychiatric Services*, **54**:1402-1404, 2003.

Halpern JH. Hallucinogens and Dissociative Agents Naturally Growing in the United States. *Pharmacology & Therapeutics*, **102**(2):131-138, 2004.

Halpern JH, Pope HG Jr, Sherwood AR, Barry S, Hudson JI, Yurgelun-Todd D. Residual Neuropsychological Effects of Illicit 3,4-Methylenedioxymethamphetamine (MDMA) in Individuals with Minimal Exposure to Other Drugs. *Drug and Alcohol Dependence*, **75**(2):135-147, 2004.

Halpern AL, Halpern JH, Freedman AM. Now is the Time for AAPL to Demonstrate Leadership by Advocating Positions of Social Importance. *Journal of the American Academy of Psychiatry and the Law*, **32**(2):180-3, 2004.

Halpern JH, Sherwood AR, Hudson JI, Yurgelun-Todd D, Pope HG Jr. Psychological and Cognitive Effects of Long-Term Peyote Use Among Native Americans, *Biological Psychiatry*, **58**:624-631, 2005.

Halpern JH, Sewell RA. Hallucinogenic Botanicals of America: A Growing Need for Focused Drug Education and Research. *Life Sciences*, **78**(5):519-526, 2005.

Sewell R, Halpern JH, Pope HG Jr. Response of Cluster Headache to LSD and Psilocybin. *Neurology*, accepted for publication, 2006.

Invited Articles/Book Chapters

Halpern JH. Hallucinogens, Anesthetic Agents, and Amphetamines. *Pharmaceutical News*, **7**(5):21-29, 2000.

Halpern JH. Counterpoint: Addiction is a Disease. *Psychiatric Times*, **XIX**(10), 2002. <http://www.psychiatrictimes.com/p0210cpt.html>

El-Mallakh RS, Halpern JH, Abraham HD. Hallucinogen and MDMA related disorders. In: Tasman A, Lieberman J, Kay J, editors. *Psychiatry*. 2nd edition. London: John Wiley & Sons, pp. 1046-1065, 2003.

Halpern JH. Hallucinogens: An Update. *Current Psychiatry Reports*, **5**(5):347-354, 2003.

Abstracts

Halpern, JH, Halpern, AL. Addiction treatment in the 21st Century: New Therapeutic Approaches and Their Forensic Implications. *Proceedings of the American Academy of Forensic Sciences*, **III**:179-180, 1997.

Halpern, JH, Halpern, AL. The Violence-Prone Offender in the Criminal Justice System: Prospects for Prevention and Treatment in the 21st Century. *Proceedings of the World Congress on Violence*, **84**, 1998.

Halpern JH, Mendelson JH, Glowacki J, Sholar MB, Lesieur-Brooks A, Siegel AJ, Pesok AL. Diminished Cytokine IL-6 Response in Men and Women After I.V. Cocaine Administration. *NIDA Research Monograph*, **179**:46, 1998.

Mendelson JH, Sholar MB, Mello NK, Siegel AJ, Halpern JH. Cocaine Pharmacokinetics in Men and in Women During Two Phases of the Menstrual Cycle. *NIDA Research Monograph*, **179**:149, 1998.

Sholar MB, Mendelson JH, Mello NK, Siegel AJ, Halpern JH. Gender Differences in ACTH and Cortisol Responses to I.V. Cocaine Administration. *NIDA Research Monograph*, **179**:150, 1998.

Sholar MB, Mendelson JH, Mello NK, Siegel AJ, Halpern JH. ACTH, DHEA, and Cortisol Increases After 0.2 mg/kg Cocaine I.V. Administration. *NIDA Research Monograph*, **180**:207, 1999.

Halpern JH, Pope HG Jr. Hallucinogens on the Internet: A Vast Underground Psychedelic Resource. *NIDA Research Monograph*, **180**:149, 1999.

Halpern JH, Pope HG Jr, Sherwood A, Hudson JI, Yurgelun-Todd D. Neuropsychological Effects of Long-Term Hallucinogen Use in Native Americans. *Drug and Alcohol Dependence*, **63**(S1):S62, 2001.

Halpern JH, Pope HG Jr, Sherwood A, Hudson JI, Yurgelun-Todd D. Neuropsychological Effects of Long-Term Hallucinogen Use Versus Alcoholism in Native Americans: Cultural Limitations of Tests. *Drug and Alcohol Dependence*, **66**(S1):S73-S74, 2002.

Halpern JH. Residual Neuropsychological Effects of Illicit 3,4-Methylenedioxymethamphetamine (MDMA) in Individuals with Minimal Exposure to Other Drugs: Pilot Data From “Pure” Users versus Controls. *International Journal of Neuropsychopharmacology*, **7**(S1):S85, 2004.

Letters to the Editor

Halpern JH. Involvement of Physicians in Capital Punishment. *New York State Journal of Medicine*, **91**(6):271-272, 1991.

Halpern JH. H.M.O. Gag Rules. *The New York Times*, p.A24, January 11, 1996.

Halpern JH. It’s Time to Wake Up to Drug War’s Failure: California’s Good Sense. *The New York Times*, p.A24, November 19, 1996.

Halpern JH. Native American Rites. *The New York Times*, p.A24, December 29, 1997.

Halpern JH. Treatment of Attention-Deficit/Hyperactivity Disorder. *The Journal of the American Medical Association*, **281**(16):1491, 1999.

Halpern JH. The Census and the Question About Race. *The New York Times*, p.A22, April 25, 2000.

Halpern JH, Pope HG Jr. Drugs on the Internet (In Reply). *American Journal of Psychiatry*, **158**(12):2095, 2001.

Halpern JH: Addiction: Choice or Disease (In Reply). *Psychiatric Times*, **XX**(2):13, 2003.

Halpern JH. Iraq’s Reconstruction. *The New York Times*, p.A24, December 23, 2003.

Halpern JH, Pope HG, Sherwood AR, Barry S, Hudson JI, Yurgelun-Todd DA. Reply to Lyvers and Hasking (2004) (Commentary). *Drug and Alcohol Dependence*, **75**(2):153, 2004.

Posters / Presentations

Halpern JH. The Use of Hallucinogens in the Treatment of Addiction. Harvard Research Day. Consolidated Department of Psychiatry, Harvard Medical School, Boston, MA, 3/14/96.

Halpern JH. The Use of Hallucinogens in the Treatment of Addiction. NEDH Scientific Symposium. New England Deaconess Hospital, Boston, MA, 5/11/96.

Halpern JH. Group Psychotherapy in the Detox Setting (Grand Rounds). Detox Unit, Dimock Community Health Center, Roxbury, MA, 1/24/97.

Halpern JH, Halpern AL. Addiction Treatment in the 21st Century: New Therapeutic Approaches and its Forensic Implications. The 49th Annual Meeting of the American Academy of Forensic Sciences, New York, NY, 2/22/97.

Halpern JH, Halpern AL. Anti-craving Chemotherapy: Anticipated Boon for Courts, Corrections, and the Addict Offender. The 6th International Conference of The International Association for Forensic Psychotherapy, London, England, 4/26/97.

Halpern JH, Pope HG. Neurocognitive Deficits in a Peyote Consuming Population. The Young Investigators' Research Colloquium of the 150th Annual Meeting of the American Psychiatric Association, San Diego, CA, 5/18/97.

Halpern JH, Mendelson J, Glowacki J, Sholar M, Lesieur-Brooks A, Pesok A. Diminished Cytokine IL-6 Response in Men and Women After I.V. Cocaine Administration. Harvard Research Day. Consolidated Department of Psychiatry, Harvard Medical School, Boston, MA, 4/22/98.

Halpern JH, Mendelson JH, Glowacki J, Sholar MB, Lesieur-Brooks A, Siegel AJ, Pesok AL. Diminished Cytokine IL-6 Response in Men and Women After I.V. Cocaine Administration (oral presentation). Sixtieth Annual Scientific Meeting of the College on Problems of Drug Dependence, Scottsdale, AZ, 6/14/98.

Mendelson JH, Sholar MB, Mello NK, Siegel AJ, Halpern JH. Cocaine Pharmacokinetics in Men and in Women During Two Phases of the Menstrual Cycle. Sixtieth Annual Scientific Meeting of the College on Problems of Drug Dependence, Scottsdale, AZ, 6/14/98.

Sholar MB, Mendelson JH, Mello NK, Siegel AJ, Halpern JH. Gender Differences in ACTH and Cortisol Responses to I.V. Cocaine Administration. Sixtieth Annual Scientific Meeting of the College on Problems of Drug Dependence, Scottsdale, AZ, 6/14/98.

Halpern JH. Neurocognitive Evaluation of a Peyote Consuming Population (Grand Rounds). The Massachusetts General Hospital, Boston, MA, 4/28/99.

Halpern JH, Pope HG Jr. Hallucinogens on the Internet: A Vast Underground Psychedelic Resource. Sixty-First Annual Scientific Meeting of the College on Problems of Drug Dependence, Acapulco, Mexico, 6/15/99.

Halpern JH. Neurocognitive Effects of Chronic Hallucinogen Use (Neuroscience Seminar Series). McLean Hospital, Belmont, MA, 9/20/99.

Halpern JH. Assessment of the Neurocognitive Functioning of Long-Term Hallucinogen Users: Implications for Clinical Hallucinogen Research. Third International Congress of the European College for the Study of Consciousness, Basel, Switzerland, 11/13/99.

Halpern JH. Hallucinogens: Illicit Use, Religious Use, and American Research (Psychopharmacology Grand Rounds). McLean Hospital, Belmont, MA, 10/19/00.

Halpern JH. Controversial Drugs in Health Care (Lecture sponsored by the MCPHS Faculty Development Committee). Massachusetts College of Pharmacy and Health Sciences, Boston, MA, 11/16/00.

Halpern JH. Legal Invasion of Privacy: Psychiatrists Beware! Presented at Workshop on "The Individual versus the State: Patients' Privacy and Abuses of Psychiatry," 154th Annual Meeting of the American Psychiatric Association, New Orleans, LA, 5/8/01.

Halpern JH. Hallucinogens: Religious Use, Illicit Use, and Current Psychiatric Research. Presented at (and Co-Chair of) Workshop on "Hallucinogens: Religious Use, Illicit Use, and Current Psychiatric Research," 154th Annual Meeting of the American Psychiatric Association, New Orleans, LA, 5/10/01.

Halpern JH, Pope HG Jr. Neuropsychological Effects of Long-Term Hallucinogen Use in Native Americans (oral presentation). Sixty-Third Annual Scientific Meeting of the College on Problems of Drug Dependence, Scottsdale, AZ, 6/18/01.

Halpern JH (Co-chair). Debate: The Use of Psychedelics in Therapy. Addictions 2001 Meeting of the International Society of Addiction Medicine, Tel Aviv, Israel, 9/9/01.

Halpern JH. Neurocognitive Consequences of MDMA and Marijuana. Addictions 2001 Meeting of the International Society of Addiction Medicine, Tel Aviv, Israel, 9/10/01.

Halpern JH. Mescaline: Clinical Neurocognitive Toxicity and Treatment Profile for Severe Alcoholism. Addictions 2001 Meeting of the International Society of Addiction Medicine, Tel Aviv, Israel, 9/10/01.

Halpern, JH. Ethnopharmacology of Psychedelics: From Ancient Rites to Modern Therapies. Regional Meeting of the American Chemistry Society, Cambridge, MA, 5/16/02.

Halpern, JH. Lecture and Discussant. Workshop: "Youth, the Internet, and Drug Use." National Institute on Drug Abuse, Rockville, MD, 6/6/02.

Halpern JH, Pope HG Jr, Sherwood A, Hudson JI, Yurgelun-Todd D. Neuropsychological Effects of Long-Term Hallucinogen Use Versus Alcoholism in Native Americans: Cultural Limitations of Tests. Sixty-Forth Annual Scientific Meeting of the College on Problems of Drug Dependence, Quebec, Canada, 6/18/02.

Halpern, JH. Lecture and Discussant. Workshop: "Psychoactive Botanical Products." Office of Dietary Supplements & National Institute on Drug Abuse, Rockville, MD, 9/9/03.

Halpern, JH. Lecture and Discussant. Residual Neuropsychological Effects of Illicit 3,4-Methylenedioxymethamphetamine (MDMA) in Individuals with Minimal Exposure to Other Drugs: Pilot Data from "Pure" Users versus Controls. For symposium, "MDMA Neurotoxicity in Humans: Current Status and Future Prospects." Collegium Internationale Neuro-Psychopharmacologicum, XXIV Congress, Paris, 6/24/04.

Halpern, JH. Lecture and Discussant. Workshop: "Naturceuticals (Natural Products), Nutraceuticals, Herbal Botanicals, and Psychoactives: Drug Discovery and Drug-Drug Interactions." National Institute on Drug Abuse, Baltimore, MD, 11/05/04.

Halpern, JH. Lecture. Hallucinogens: Neurocognitive Sequelae From Long-Term Use and the Importance of Re-Investigating Their Medico-Therapeutic Potentials. Behavioral Pharmacology Research Unit, Department of Psychiatry, Johns Hopkins School of Medicine, Johns Hopkins University, Baltimore, MD, 5/3/05.

Halpern, JH. Lecture and Panelist. Cognitive Effects of Substance Abuse in Native Americans. For the session “Advances in Clinical Neuroscience, Development, and Behavioral Treatment Research” of the conference “Bridging Science and Culture to Improve Drug Abuse Research in Minority Communities.” National Institute on Drug Abuse, Atlanta, GA, 10/24/05.

Halpern JH. The Research of MDMA-Assisted Psychotherapy as a Treatment for the Clinical Anxiety of the Dying (Grand Rounds). McLean Hospital, Belmont, MA, 11/03/05.

Peer Review Services

- 1999 *The Oxford Handbook of Clinical Medicine: American Edition.* Oxford University Press, Inc., 1999 (ISBN: 019512572X).
- 2002 *American Journal of Psychiatry*
- 2003 *Archives of General Psychiatry*
Drug and Alcohol Dependence
Journal of Clinical Psychiatry
Social Science & Medicine
- 2004 *American Journal of Psychiatry*
Drug and Alcohol Dependence
Journal of Clinical Psychiatry
Primary Psychiatry
- 2005 *American Journal of Psychiatry*
Cognitive and Behavioral Neurology
Drug and Alcohol Dependence
Experimental & Clinical Psychopharmacology
Forensic Science International
Journal of Clinical Psychiatry
- 2006 *Archives of General Psychiatry*
Evidence Based Complementary and Alternative Medicine
Experimental & Clinical Psychopharmacology

NIH Review Services

- 11/04/05 Member, Center for Scientific Review Special Emphasis Panel, ZRG1 BBBP-D (03): Drug Effects on Biobehavioral Regulation.

Editorial Board

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