

CURRICULUM VITAE

Name: John R. Hughes, M.D.

Birth Date: June 7, 1949

Citizenship: U.S.A.

Business Address: Professor of Psychiatry and Psychological Science

Vermont Center on Health and Behavior

Department of Psychiatry

University of Vermont College of Medicine

UHC Campus/OH3, Mailstop # 482

1 South Prospect St.

Burlington, VT 05401

Telephone (802) 656-9610

FAX (802) 847-1446

EMAIL john.hughes@uvm.edu

Website: <http://www.uvm.edu/medicine/behaviorandhealth/?Page=directory.html>

EDUCATION AND TRAINING

Undergraduate

1967-1969 Mississippi State University
State University, MS
Major: Chemistry

1969-1971 Millsaps College
Jackson, MS
Major: Chemistry
Degree: B.S.

John R. Hughes, M.D.

Graduate

1971-1975 University of Mississippi Medical School
Jackson, MS
Degree: M.D.

1974 Research Trainee (Summer)
Department of Psychology
Veterans Administration Center
Jackson, MS

1975-1976 Flexible Medicine Intern
Department of Internal Medicine
University of Mississippi Medical Center
Jackson, MS

1976-1978 Resident in Psychiatry
Department of Psychiatry
University of Mississippi Medical Center
Jackson, MS

1978-1979 Resident in Psychiatry
Department of Psychiatry
University of Pittsburgh
Western Psychiatric Institute and Clinic

Post-Graduate

1979-1981 NIH Postdoctoral Fellow
Laboratory of Physiological Hygiene
Department of Epidemiology
School of Public Health
University of Minnesota
Minneapolis, MN

1981 Trained in the NIMH Diagnostic Interview Schedule (DIS), the WHO Composite International Diagnostic Interview - Substance Abuse Module (CIDI-SAM), the Addiction Severity Index (ASI) and the Schedule for

John R. Hughes, M.D.

Affective Disorders and Schizophrenia (SADS)

PRESENT LICENSURE AND CERTIFICATION

Medical License, Vermont (#7273), 1985
General Psychiatry, American Board of Psychiatry and Neurology (#22475),
1981
Addiction Psychiatry, American Board of Psychiatry and Neurology (#197),
1993, 2003

PROFESSIONAL APPOINTMENTS

- 1981-1985** Assistant Professor
Department of Psychiatry & Division of Epidemiology
University of Minnesota
Minneapolis, MN
- 1985-1991** Associate Professor (with tenure in 1987)
Departments of Psychiatry, Psychology and Family Practice
University of Vermont
Burlington, VT
- 1991-present** Professor
Departments of Psychiatry, Psychological Science and Family Practice
University of Vermont
Burlington, VT

HONORS

Alton Ochsner Award Relating Smoking and Health, American College of
Chest Physicians, 2003
First Recipient, Ove Ferno Award (for research on nicotine dependence; shared with
Dorothy Hatsukami), Collegium Internationale Neuro-Psychopharmacologicum, 1994
Most cited primary investigator in tobacco control research, Tobacco Control 14: 155-160,
2005
First Recipient, Association for the Treatment of Tobacco Use and Dependence
Excellence in Tobacco Treatment, Training and Advocacy Award, 2016
Inaugural Fellow, Society for Nicotine and Tobacco Research, 2017

John R. Hughes, M.D.

TEACHING and ACADEMIC ACTIVITIES

National

Contributor of questions, American Board of Psychiatry and Neurology, 1993, 1996
Contributor of questions, Core Content Review of Family Medicine, 1993
Training Committee, Society for Research on Nicotine and Tobacco, 2003 – 2006
Consultant for faculty development, Canadian Addiction Research Foundation, 1995 - 1997
Consultant for faculty development, University of Kentucky Medical Center, 1995 - 1998
Contributor to patient/physician education series
AMA Heart Healthy Series, 1986
American Psychiatric Association Smokers Choice Guide, 1998
Healthwise Smoking Cessation Program, 1995 - 2014
Marion Merrell Dow Committed Quitter's Program, 1986 - 1989
Medco Smoking Cessation Support Program, 1991
Milner Fenwick Smoking Cessation Videotape, 1995, 1999
Continuing medical education seminars (8-10/y), 1990 – present
Nicotine Algorithm and Notes, International Psychopharmacology Algorithm Project, www.ipap.org/substanceabuse/index.php 2008

University of Vermont

Teacher of the Year, Department of Psychiatry, 1987, 1988
Chair, Ad-hoc committee for Curriculum Development on Alcohol and Drug Abuse, UVM Medical School, 1989 - 1996
Director, Summer Fellowship in Alcohol/Drug Research for Medical Students, NIDA Training Grant, 1992 – 2006
Co-Director, Alcohol and Drug Abuse (12 hours/every 2 yrs), psychiatry residents, 1985 – 1996, 2009 – 2016
Co-Director, Alcohol and Drug Abuse, internal medicine residents, 1989 - 1991
Co-Director, Behavior Therapy (12 hours/every 2 yrs), psychiatry residents, 1986 - 1996
Co-Director, Behavior, Neurobiology and Health, psychology graduate students, 2011
Co-Director, Behavioral Pharmacology of Drug Dependence, Dept of Psychology, graduate seminar, 1989, 1994, 1998, 2001, 2004
Co-Director, Experimental Analysis of Behavior, Dept of Psychology, graduate seminar, 1992

John R. Hughes, M.D.

Co-Director, Research Seminar in Human Behavioral Pharmacology (40 hours/yr), undergraduate and graduate students in psychology, 1986 - 1999

Residency Training Committee, Department of Psychiatry, 1985 - 1987, 1990 - 1991

Major Advisor, UVM Post-Doctoral fellows: Jody Kamon, Josue Keely, Anthony Liguori, Lewis Mehl, Alison Oliveto, Janine Pillitteri, 1990 – 1996

Major Advisor, UVM graduate students in Clinical or Experimental Psychology. Matthew Carpenter, Suzy Gulliver, Kelly Hale, William Hunt, Linda Inatsuka, Eli Klemperer, Pam Novy, Erica Peters, Raine Riggs, Sondra Solomon, 1987 – present

Research Advisor, UVM undergraduate honors thesis: Bevin Cohen, 2006 – 2007

Research Advisor, UVM medical students. Laura Howard, Timothy Howard, Pauline McHugh, Seong Park, 1992 – 1999

Research supervisor of psychiatry residents, medical and nursing students, and psychology graduate and undergraduate students: Anne Bongiorno, Elizabeth Briggs, Miki Dash, Mitchell Glaser (University of Kansas), Jacob Grass, Rebecca Gutierrez, Ahmed Hamed, Laura Howard, Tim Howard, Jessica Huston, Kristin Johnson, Melissa Jurgens, Dave King, Eli Klemperer, Gina Mireault, Marc Mooney (University of Minnesota), Sara Pepper, Melissa Piasecki, Adam Rhodes, Gail Rose (University of Iowa), Pam Shea, Eric Sigmon, Gail Strickler, Sue Terry, William Valliere, Lori Verville, 1985 - present
Chair or member, Ph.D. dissertation, M.S. thesis and undergraduate honors committees for students in Experimental or Clinical Psychology: Matt Carpenter, Bevin Cohen, Miki Dash, Richard DeGrandpre, Suzy Gulliver, Kelly Hale, Ahmed Hamed, John Harrington, Julia Hogan, William Hunt, Kirsten Johnson, Matthew Johnson, Dave King, Lisa Marsch, Pam Novy, Erica Peters, Alexi Potter, Raine Riggs, Catherine Segan (LaTrobe University), Craig Rush, Brandi Smith, Andrea Sobrero, Sondra Solomon, Michelle van Etten, Ryan Vandrey, Aurora Matzkin (Dartmouth), Beth Walsh, 1985 – present

Clinical supervisor of multiple psychiatry residents, medical students, psychology interns, and psychology graduate students in alcohol and drug abuse, behavioral medicine and consultation-liaison and inpatient psychiatry services, 1985 – 1998

Invited lectures (~ 15/yr) on alcohol, caffeine, illicit drug, and nicotine dependence and tobacco use to allied health professionals, chemical dependency counselors, education and sociology, medical students, nurses, physicians, psychologists, psychiatry and medical residents, undergraduate and graduate students in psychology and the general public in VT, US, Europe, Asia, Latin America Oceania, 1985 - present.

John R. Hughes, M.D.

University of Minnesota, 1981 – 1985

Teacher of the Year, Department of Psychiatry

Director, Third Year Psychiatry Clerkship for medical students

Director, Behavioral and Cognitive Therapy in Psychiatric Practice

Lecturer in psychiatric diagnosis, psychopharmacology, behavior therapy, and substance abuse to medical students, psychiatry residents, and pharmacy students

Lecturer, Student Scientist Program

Supervisor of psychiatry residents, medical students, psychology interns, and clinical psychology students on adult inpatient and outpatient services

Supervisor of psychiatry residents, medical students, and psychology students in clinical research

CLINICAL SERVICE

National

Founder, Association for the Treatment of Tobacco Use and Dependence, 2002

President-Elect (2009), President (2010-2011), Past-President (2012), Association for the Treatment of Tobacco Use and Dependence, 2009.

National Advisory Council, Center for Substance Abuse Treatment, Substance Abuse and Mental Health Services Administration, 1999 – 2001

Council on Addiction Psychiatry, American Psychiatric Association, 1996 – 1999

Advisor, DSM-IV Substance Use Workgroup, 1984-87

Advisor, DSM-V Substance use Workgroup, 2008-2012

National Advisory Panel (Cessation), American Legacy Foundation, 2000 – 2001

Consultant, American Cancer Society Quitline, 2004 – 2005

Committee on Nicotine Dependence, American Society of Addiction Medicine, 1989 – 1997

Caffeine Committee, American Society of Addiction Medicine, 1992

Ad-hoc Committee on Credentialing Tobacco Dependency Therapists, American College of Preventative Medicine, American Society of Addiction Medicine, 1998

Chair, Funding Committee, Association for Treatment of Tobacco Use and Dependence, 2002 – 2014

Chair, Policy Committee, Association for the Treatment of Tobacco Use and Dependence, 2006 – 2009

Treasurer, Association for the Treatment of Tobacco Use and Dependence, 2003-2006

Founder, Journal Club, Association for the Treatment of Tobacco Use and Dependence,

John R. Hughes, M.D.

2010-

Best Doctors in America, 1998

America's Top Psychiatrists, 2002

State/Local

Chair, VT Tobacco Evaluation and Review Board, 2002 – 2004

Medical Representative, VT Tobacco Evaluation and Review Board, 2000 - 2004

Chair, (2001-2004), member (2001-2006), Cessation Committee, VT Tobacco Evaluation Board

Chair, (2001-2003, 2006 - 2007), member (2001-2007), Evaluation Committee, VT Tobacco Evaluation and Review Board

Medical Director, Coalition for a Tobacco Free Vermont, 2006 - present

Great American Smokeout Silver Anniversary Award, Vermont Division, American Cancer Society, 2001

Consultant, (on smoking cessation), Vermont Area Health Education Centers, 2000 – 2002

Consultant, (on smoking cessation), Vermont Association of Hospitals & Healthcare Services, 2001-2008

Scientific Advisory Board on Tobacco Control, VT Dept of Health, 2000 – 2003

Scientific Advisory Board, Alcohol and Other Drug Abuse Program, VT Dept. of Health, 1999 – 2000

Medical Representative, State of VT Tobacco Prevention, Cessation and Control Task Force, 1999 - 2000

Consultant, National Tobacco Use Prevention and Control Program (VT Site), Center for Disease Control, 1998 - 1999

State Chair, American Society for Addiction Medicine, 1996 - 1999

Consultant (on physician impairment), Vermont State Board of Medical Practice, 1999

Consultant (on smoke free prisons), VT Department of Corrections, 1999 - 2000

Consultant (on smoking cessation services), Vermont Medicare/Medicaid, Vermont Department of Human Services, 1997

Treatment Services Planning Committee, Alcohol and Drug Abuse Council, State of Vermont; 1988 – 1990

University of Vermont

Medical Director, Substance Abuse Treatment Center, 1988 - 1990; Medical Co-Director, 1990 - 1994; Medical Consultant, 1994 - 2000

Cost Center Director, Human Behavioral Pharmacology Unit, Dept of Psychiatry, 1992 -

John R. Hughes, M.D.

1994

Executive Committee, Dept of Psychiatry, 1989 - 1991, 1993 - 1994

Academic Executive Committee, Dept of Psychiatry, 1994 -1996

Strategic Planning Committee, 1991

Promotion and Tenure Ad-hoc Committee, 1998 – 2003

College of Medicine, Committee on Governance, 2004 - 2005

Fletcher Allen Healthcare

Medical Staff 1985-2010

Treatment Consultant, Ready, Set, Stop Tobacco Cessation Program, 2006 - 2009

Chair, Ad-hoc Committee on Impaired Physicians, 1989-1991

Consultant, Smoking Policy Task Force, 2001 - 2002

Physicians and Allied Health Professionals Wellness Committee, 1991 - 1998

Clean Air Committee, 1996 - 1997

Planning Committee, University of VT, College of Medicine, 1992 - 1994

Detox Planning Committee, 1994

Consultant, Panel on Alcohol, 1993 - 1994

Organizer, Ad-hoc Committee on Alcohol/Drug Abuse, University of Vermont, 1990 - 1993

Search committees for new faculty, Departments of Psychiatry, Psychology, Family

Practice, and Office of Sponsored Programs, 1985 - 1990

Smoking Policy Committee, 1990 - 1991

Pain Management Subcommittee, 1989 – 1991

Acting Director, Behavioral Medicine Service, 1987 - 1988

Staff Psychiatrist, Behavioral Medicine and Consultation-Liaison Services, 1985 - 1990

Attending, Inpatient Psychiatry Unit, 1985 - 1988

Consulting Psychiatrist, Consultation-Liaison Service, 1992 – 1994

University of Minnesota, 1981 - 1985

Co-Director, Behavioral Health Center, Department of Psychiatry

Staff Psychiatrist, Adult Inpatient and Outpatient Services, Department of Psychiatry

John R. Hughes, M.D.

RESEARCH SERVICE

Developer, Minnesota Tobacco Withdrawal Scale
(<http://www.med.uvm.edu/behaviorandhealth/research/minnesota-tobacco-withdrawal-scale>)

Editor
Annals of Behavioral Medicine, 1981 – 1987

Deputy Editor
Nicotine and Tobacco Research, 2017-present

Associate/Assistant Editor

Addictions, (for nicotine dependence) 1992 - 1995
Nicotine and Tobacco Research, (for clinical studies) 1998 – 2002
Tobacco Control (special issue), 2001
Tobacco Control (for smoking cessation), 2003 – 2008
Cochrane Library (Tobacco Addiction Group), 2007 – 2017
Tobacco Regulatory Science, 2014—2016

Editorial Board/Consulting Editor

American Journal on Addictions, 1999 - 2001
American Journal of Drug and Alcohol Abuse, 1991 - 1997
Behavior Analyst, 1988 - 1991
Behavioral Medicine Abstracts, 1981 - 1984
Experimental and Clinical Psychopharmacology, 1992 - 1998
Journal of Compliance in Health Care, 1989 – 1990
Journal of Caffeine Research, 2010 – 2013
Journal of Studies on Alcohol, 2005 - 2012

John R. Hughes, M.D.

Medical Aspects of Human Sexuality, 1984, 1991
Physician and Patient, 1986
Substance Abuse, 1994 – 1998
Tobacco Regulatory Science, 2014- 2016

NIH Study Section Reviewer

Member, Clinical and Behavioral Pharmacology Initial Review Group, National Institute on Drug Abuse, 1987 - 1990, 1992
Member, Basic Behavioral Science Initial Review Group, National Institute on Drug Abuse, 1994 – 1997
Chair, Transdisciplinary Tobacco Use Research Center Initial Review Group, National Cancer Institute/National Institute on Drug Abuse, 1998 and 2004
Chair or Member, various Special Emphasis Panels, NIH Center for Scientific Review, NIDA, NCI, 1991 – present
Member, Risk, Prevention and Intervention for Addictions Study Section, NIH Center for Scientific Review, 2008 – 2012

Reviewer of National Documents

Agency for Health Care Policy & Research, Clinical Practice Guideline for Smoking Cessation, 1995, 1999, 2007; American Hospital Service Formulary, 1986, 1990, 1993; American Medical Association Drug Evaluations, 1991, 1993; American Pharmaceutical Association New Product Bulletin. Nicoderm CQ Transdermal Systems, 1996; American Psychiatric Association Handbook of Psychiatric Measures & Outcomes, 1995; American Psychiatric Association Practice Guidelines for Substance-Related Disorders, 1998, 2005; Cigars: Health Effects & Trends, NCI Tobacco Control Monograph, #9, 1998; Evidence-Based Approaches to Tobacco Product Regulation, NCI Tobacco Control Monograph #20, 2010; The FTC Cigarette Test Method for Determining Tar, Nicotine and Carbon Monoxide Yields of US Cigarettes, NCI Smoking and Tobacco Control Monograph, #7, 1996; Health Benefits of Smoking Cessation: A Report of the Surgeon General, 1990; Health Consequences of Smoking: Chronic Obstructive Lung Disease: A Report of the Surgeon General, 1986; Health Consequences of Smoking: Nicotine Addiction: A Report of the Surgeon General, 1988; Health Consequences of Smoking: Preventing Tobacco Use Among Young: A Report of the Surgeon General, 1993; How to Help Your Patients Stop Smoking: A NCI Manual for Physicians, 1989; How Tobacco Causes Disease: A Report of the Surgeon-General, 2010; New Jersey Guidelines for Treating Tobacco Dependence, 2000; New Zealand

John R. Hughes, M.D.

Guidelines for the Treatment of Nicotine Dependence, 2007; Nicotine Addiction in Britain, A Report of the Royal College of Physicians, 2000; Nicotine Dependence: Smoking Cessation, NIDA Funded Curriculum for Physicians, 1989; Preventing Tobacco use Among Young People: A Report of the Surgeon General, 1994; Project ADEPT Alcohol & Drug Education for Physician Training, NIDA Funded Curriculum, 1989; Reducing Tobacco Use: A Report of the Surgeon General, 2000; Reducing the Health Consequences of Smoking: 25 Years of Progress. A Report of the Surgeon General, 1989; Rethinking Stop-Smoking Medications: Myths and Facts, Ontario Medical Association, 1999; Risks Associated with Smoking Cigarettes with Low Machine-Measured Yields of Tar and Nicotine, NCI Smoking and Tobacco Control Monograph, 2003; Scientific Bases of Tobacco Product Regulation, NCI Monograph, in press; New Zealand Smoking Cessation Guidelines, 2006, Taking Smoking Seriously: A Report for No Smoking Day in the UK, 1997; Tobacco Policy Research Program, Canadian Tobacco Research Initiative, 1999; Tobacco Use Among US Racial Ethnic Minority Groups: A Report of the Surgeon General, 1998; Treatobacco.net:WHO/SRNT database, 1999, 2003; Treating Tobacco Dependence in the U.S.; Report of the Center for Advancement of Health, 1998; Triennial Report to Congress on Drug Abuse and Drug Abuse Research, 1986, 1989, 1992; USPHS Clinical Practice Guideline Treating Tobacco Use and Dependence, 2000, 2006; Women and Smoking; A Report of the Surgeon General, 2001; Smoking Cessation, Clinical Knowledge Summaries;

Journal Reviewer

Acta Psychiatrica Scandinavica, Addictions, Addiction Research and Theory, Addictive Behaviors, Alcohol Research World, Alcoholism: Clinical & Experimental Studies, American Journal of Addictions, American Journal of Preventive Medicine, American Journal of Psychiatry, American Psychiatric Press, American Psychologist, Annals of Behavioral Medicine, Archives of General Psychiatry, Behavior Analyst, Behavior Therapy, Behavioral Pharmacology, Biochemistry and Behavior, Biological Psychiatry, British Journal of Addictions, British Medical Journal, British Medical Journal/Open, Cancer Epidemiology, Biomarkers and Prevention, Cardiology, Chest, Clinical Pharmacology & Therapeutics, Depression and Anxiety, Disease Management and Health Outcomes, Drug and Alcohol Dependence, Experimental and Clinical Psychopharmacology, European Archives of Psychiatry and Clinical Neuroscience, Health and Social Work, Health Policy, Health Psychology, Health Values, Hospital and Community Psychiatry, International Clinical Psychopharmacology, International Journal of Behavioral Medicine, International Journal of Environmental Research and Public Health,

John R. Hughes, M.D.

Journal of Abnormal Psychology, Journal of Alternative and Integrative Medicine, Journal of the American Medical Association, Journal of Applied Behavioral Analysis, Journal of Cardiopulmonary Rehabilitation, Journal of Compliance in Health Care, Journal of Consulting and Clinical Psychology, Journal of the Experimental Analysis of Behavior, Journal of the National Cancer Institute, Journal of Nervous and Mental Diseases, Journal of Pain, Journal of Studies on Alcohol, Journal of Studies on Alcohol and Drugs, Journal of Substance Abuse, Journal of Substance Abuse Treatment, Journal of Trauma, Lancet, Mayo Clinic Proceedings, Medical Letter, New England Journal of Medicine, Nicotine and Tobacco Research, Pharmacology, Preventive Medicine, Psychiatric Services, Psychological Bulletin, Psychological Reports, Psychology of Addictive Behaviors, Psychoneuroendocrinology, Psychoneuropharmacology, Psychopharmacology, Psychosomatic Medicine, Tobacco Control

Reviewer for Annual Meetings

American Society of Addiction Medicine; Association for the Treatment of Tobacco Use and Dependence; Association for the Advancement of Behavior Therapy; National Conference on Tobacco or Health; National Conference on Nicotine Dependence; Society for Behavioral Medicine; Society for Research on Nicotine and Tobacco

Ad-hoc reviewer of grants and programs

Addiction Research Foundation (Canada), 1991, 1995, 2003; Canadian Institute for Health Research, 2003-2005; Canadian Tobacco Control Research Initiative, 2004; Medical Research Council (UK), 1994, 1996, 2003, 2005; Minnesota Partnership for Action Against Tobacco, 2005; National Cancer Institute, 1986 – present (chair x 2); National Heart Lung & Blood Institute, 1988; National Institute on Alcoholism & Alcohol Abuse, 1997; National Institute on Drug Abuse, 1985 – present (chair x 7); National Institute on Drug Abuse, Intramural Research Program, 2000; National Institutes of Health, Center for Scientific Review, 2001 – present; National Institutes of Health, General Clinical Research Center Program, 1988 – 1990; National Institute of Mental Health, 1991, 2004; National Science Foundation, 1996; National Science Foundation (Switzerland), 2000; Pfizer GRAND program, 2009-present; State of Vermont, New Directions Program, 1998; State of Vermont, Tobacco Evaluation and Review Board, 2000, 2001, 2003; Robert Wood Johnson Substance Abuse Policy Program, 2005-2008; Robert Wood Johnson Smoke Free Families, 2000; Veterans Administration 1986, 1988, 1991, 1994, 1996, 1998,

John R. Hughes, M.D.

1999; Wellcome Trust (UK), 1996, 1998

Service to Organizations

Advisor, Dimensionality and Severity Subcommittee, DSM-V Substance-Related Disorders Workgroup, 2008 – 2010

Member, Cochrane Tobacco Addiction Group, Cochrane Library, 1994 – 2017

Spokesperson, Society for Research on Nicotine and Tobacco, 1999 – 2010

Consultant, National Institute on Drug Abuse Clinical Trials Network, 2004 - 2008

Member, DSM-V Substance-Related Use Disorders Research Priorities Workgroup, American Psychiatric Association, 2005 - 2006

Nominations Committee, Society for Research on Nicotine and Tobacco, 2003 – 2005

Chair, (1997 – 2002), Member, Policy Committee, Society for Research on Nicotine and Tobacco, 1997 - 2003

Developer, Minnesota Nicotine Withdrawal Scale (www.uvm.edu/~hbpl), 2003

Cofounder, Association for the Treatment of Tobacco Use and Dependence, 2002

Consultant, National Cancer Institute/National Institute on Drug Abuse,

Transdisciplinary Tobacco Use Research Centers, 1999 – 2000

Board of Directors, College on Problems of Drug Dependence, 1995 – 1999

Chair, Oversight Committee, Society for Research on Nicotine and Tobacco, 1998-1999

Chair, Membership Committee, College on Problems of Drug Dependence, 1998 – 1999

Member, Data Safety and Monitoring Board, Project COMBINE, National Institute on Alcohol Abuse and Alcoholism, 1998 - 1999

Consultant, Food and Drug Administration on nicotine issues, 1994 – 1998

Chair, First International Society for Research on Nicotine and Tobacco meeting, 1997 - 1998

Chair, Credentials Committee, College on Problems of Drug Dependence, 1996 – 1998

Chair, Nicotine Dependence Guidelines Committee, American Psychiatric Association, 1993 - 1998

Chair, Long-Range Planning Committee, Society for Research on Nicotine and Tobacco, 1995 - 1997

Chair, Task Force on Nicotine Dependence, American Psychiatric Association, 1992 – 1996

Chair, Publications Committee, Society for Research on Nicotine and Tobacco, 1994 – 1995

John R. Hughes, M.D.

President, Society for Research on Nicotine and Tobacco, 1994 – 1995
President, International Study Group For The Investigation of Drugs as Reinforcers, 1993 - 1995
Cofounder, Society for Research on Nicotine and Tobacco, 1994
Special Advisor for Caffeine and Nicotine Use Disorders, Substance Abuse Work Group, Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition, American Psychiatric Association, 1989 - 1993
Editor, International Study Group for the Investigation of Drugs as Reinforcers Newsletter, 1991 - 1993
Member, Association for Behavior Analysis Task Force on Research and Public Policy, 1993
Campus representative, Society for Behavioral Medicine, 1988 – 1993
Special Advisor (on nicotine), DSM-V Substance Use Disorders Workgroup (2009 - 2012)

Program Committees for National Conventions

Chair, First International SRNT Meeting, 1997 – 1998; Chair, Seventh National Conference on Nicotine Dependence, 1993 – 1994; Chair, Smoking Reduction, 1998; Chair, Tobacco Track, International Congress of Behavioral Medicine, 2000, 2002; American Academy of Psychiatrists in Alcoholism and Addictions, 1989-1990; American Society of Addiction Medicine, 1992 – 1993; ASAM National Conference on Nicotine Dependence, 1990, 1992, 1994 – 1997; Association for the Advancement of Behavior Therapy, 1988 – 1989; Johns Hopkins, Issues in Smoking Cessation, 1993; National Conference on Behavioral Medicine, Tobacco Track, 1999 – 2000; National Institute on Drug Abuse, Addicted to Nicotine, 1997 – 1998; Research Day, Vermont Academy of Family Practice, 1987 – 1991; Society for Behavioral Medicine, 1987 - 1988, 1989 – 1990; Society for Research on Nicotine and Tobacco, 1994 – 1995; Third International SRNT Meeting, 2000 – 2001; Fifth International SRNT Meeting, 2000 – 2002; Eleventh SRNT Annual Meeting, 2004-2005; Sixth International SRNT Meeting, 2002-2003; Oceania Tobacco Control Conference, 2007; National Conference on Tobacco or Health, 2008-2009; UK National Smoking Cessation Conference, 2009-2010, National Conference on Tobacco or Health, 2011-2012

Contributor to National Documents

Changing the Conversation (Center for Substance Abuse Treatment), 2000;
Cochrane Database of Systematic Reviews, 1994 – present; Craving: Consensus

John R. Hughes, M.D.

of Status and Agenda for Future Research (Technical Report of National Institute on Drug Abuse), published in Drug and Alcohol Dependence 30:127-131, 1992; Diagnostic and Statistical Manual of Mental Disorders, Third Edition: DSM-III (American Psychiatric Association), 1980; Diagnostic and Statistical Manual of Mental Disorders, Third Edition-Revised: DSM-III-R (American Psychiatric Association), 1988; Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition: DSM-IV (American Psychiatric Association), 1994; DSM-III-R Case Book (American Psychiatric Association), 1990; DSM-IV Case Book (American Psychiatric Association), 1994; Federal Funding for Nicotine/Tobacco Research, Report for Advocacy Institute, 1998; Getting Serious about Stopping Smoking, Report for No Smoking Day in United Kingdom, (UK HEA)1997; Health Benefits of Smoking Cessation: A Report of the US Surgeon General (USDHSS), 1990; Health Consequence of Smoking: Nicotine Addiction: A Report of the U.S. Surgeon General (USDHSS), 1988; How to Help Your Patients Stop Smoking: A National Cancer Institute Manual For Physicians (USDHSS), 1990; International Psychopharmacology Algorithm Projects, 2007; Manual of Drug and Alcohol Abuse (WHO Manual), 1988; New Product Bulletin: Nicoderm CQ Transdermal Systems, (Am Pharmaceutical Association), 1986; Nicotine Addiction in Britain, Royal College of Physician's Report, 2000; NIH Funding of Tobacco Research, 1970-1995, (Society for Research on Nicotine and Tobacco), 1998; Pharmacological Treatment of Substance Use Disorder: International Issues in Medication Development (WHO Monograph), 1996; Policy Research on Nicotine Agonists, Tobacco Products and Adjunctive Medications for Managing Nicotine Dependence, (American Cancer Society), 1991; Safety of Nicotine, World Health Organization / Society for Research on Nicotine and Tobacco Treatment Database, 2000; Statement on Treatment of Tobacco Dependence, (WHO) 1999; Substance Use Disorders Measures, Handbook of Psychiatric Measures, (Am Psychiatric Assoc), 2000; Tobacco Control Research, (Report for Advocacy Institute), 1997; Treatment of Tobacco Dependence, (WHO Policy Monograph), 1999

Public Information Service

Cited in/on New York Times, Wall Street Journal, Washington Post, USA Today, LA Times, Journal of the American Medical Association, Psychology Today, ABC, NBC, CBS, CNN and other media.

University of Vermont

University Scholar, University of Vermont, 1994

John R. Hughes, M.D.

Graduate Faculty, University of Vermont, 1985 - present
Faculty Advisory Committee, (University-wide promotions and tenure), 1998 – 2000
Committee on Faculty Advancement, 2001 – 2002
College of Medicine, Governance Committee, 2004 - 2005
Co-Director, Human Behavioral Pharmacology Laboratory, 1987 - 2016
Chair (1988-1989) and Member (1985-1990), Biomedical Section, Committee on Human Research;
Chair, Subcommittee on Investigational New Drug Applications (1988-1990); Chair, Subcommittee on Informed Consent Among Demented and Comatose Patients (1988 - 1990)
Clinical Research Center Advisory Committee, 1988 – 1989
Vermont Regional Cancer Center, 1988 – 1998

Other

Medical Director, Coalition for a Tobacco Free Vermont, 2010-present

PROFESSIONAL SOCIETIES

Present

Association for the Treatment of Tobacco Use and Dependence (2003 – present)
Society for Research on Nicotine and Tobacco (1994 – present)
Vermont Academy of Science and Engineering (1998 – present)
Vermont Medical Society (1985 – 2013)

Past

Fellow, American Psychiatric Association
Fellow, Academy of Behavioral Medicine Research
Fellow, American Psychological Association: Division 28 (Psychopharmacology), Division 25 (Experimental Analysis of Behavior) and Division 38 (Health Psychology)
Fellow, College of Problems of Drug Dependence
Fellow, Vermont Academy of Science and Engineering
American Academy of Addiction Psychiatry
American Association for the Advancement of Science

CONSULTING

Public Organizations

Academy for Educational Development, Adcare Association, Addiction Research Foundation, Advocacy Institute, Alcoholism and Substance Abuse Providers of New York, American Academy of Addiction Psychiatry, American Association of Physicians in Alcoholism and Addictions, American Cancer Society, American Council on Smoking and Health, American Legacy Foundation, American Medical Association, American Pharmaceutical Association, American Psychiatric Institute for Research and Education, American Psychiatric Association, American Society of Addiction Medicine, Association for Medical Education and Research in Substance Abuse, Berkshire Association for Behavior Analysis and Therapy, Brookside Hospital, Cadeucus Foundation, Cambridge Hospital, Center for Substance Abuse Treatment, College of Problems of Drug Dependence, Congress International Neuro-psycho-pharmacologium, Cooley Hospital, Dartmouth College, Dartmouth Hitchcock, Dean Foundation, Harvard Medical School, European Respiratory Association, Health Canada, Health CPR, Henry Ford Hospital, International Council on Alcohol and Addictions, INOVA Health Systems, International Council on Alcoholism and Addictions, International Food Information Council, International Life Sciences Institute, John Hopkins University, Journal of Practical Psychiatry and Behavioral Health, Latrobe University, Maine Center for Tobacco Independence, Maine Medical Center, Manchester Mental Health Association, Massachusetts Dept. of Health, Mayo Medical Foundation, McGill University, MD Anderson Cancer Institute, Medical Economics, Medical University of Southern California, Memorial Sloan Kettering Cancer Center, Miram Hospital, Montefiore Hospital, National Institutes of Health, Nevada Psychiatric Association, New Jersey Tobacco Dependence Program, New England Journal of Medicine, New York State, Oakstone, Ochsner Medical Foundation, Oregon Research Institute, Ottawa Heart Institute Research Corporation; Palo Alto Center for Disease Prevention, Prospect Associates, Psychiatric Annals, Regency Conference Services, Research Triangle Institute, Robert Wood Johnson Foundation, Society for the Study of Addictions, Society for Research on Nicotine and Tobacco, Southern Medical Association, St. Peters Medical Center, Stanford Research Institute, Study Group in Analgesics and Nephropathy, Swedish Academy of Medicine, Swiss National Science Foundation, Symedco, Temple University, US Food and Drug Administration, University of Alabama at Birmingham, University of Arkansas, University of Auckland, University of California - San Diego, University of California- San Francisco, University of California – Los Angeles, University of Cantabria, University of Connecticut Medical School, University of Greifswald, University of Kentucky, University of Maine, University of Madrid, University of

John R. Hughes, M.D.

Medicine and Dentistry of New Jersey, University of Memphis, University of Miami, University of Minnesota, University of Mississippi, University of Pittsburgh, University of Southern Maine, University of Wisconsin, University of Vermont, Vermont Association of Hospital and Health Systems, US Food and Drug Administration, Vermont Area Health Council, Vermont Legislature (various committees), Vermont Association for Mental Health and Addiction Recovery, Vermont Medical Society, Veteran's Administration, Washington University, World Health Organization.

Pharmaceutical Companies

Abbot Laboratories, Acrux Ltd, ALZA Corporation, American Cyanamid, Anesta, Aradigm, BASF/Knoll, Begbies Traynor; Boehringer-Ingelheim Pharmaceuticals, Celtic Pharmaceuticals, Ciba-Geigy, Cygnus, DynaGen Corporation, Elan/Sano, Eli Lilly Pharmaceuticals, Glaxo Wellcome, Dupont Merck Pharmaceuticals, Hoechst Marion Rouseau/Marion Merrell Dow/Merrell Dow Lakeside, Lederle Pharmaceuticals, McNeil Pharmaceutical/McNeil Consumer, Nabi, Inc, Neuromedical Technologies, Inc., Neuroscience Ventures, Pacific Pharmaceuticals, Parke Davis Pharmaceuticals, Pfizer Pharmaceuticals, Pharmacia & Upjohn/AB Leo Pharmaceuticals/Kabi Pharmacia/Pfizer, Proctor & Gamble, Sano Pharmaceuticals, Propagate Pharmaceuticals, Sanofi/Synthelabo Pharmaceuticals, SmithKline Beecham/Glaxo SmithKline Consumer Healthcare, Xenova Limited.

Legal Firms

Bruno and Bruno; Fine and Associates; DLA Piper; Goodkind, Labaton, Rudoff and Sucharow; Humphrey, Farrington and McLain; Levy, Phillips and Koningsberg; Lisman and Lisman; Ness, Motley and Associates; Nissen and Lumsden; Shook, Hardy & Bacon; Walker Law Firm, Weil, Gotshal and Manges; Wilmer, Cutler and Pickering.

Private Industries

Adis International Consumers Union, Advanstar, Alden Inc., Alere Inc, American Medical Video, Anesta Corporation, Atlantic Resources, Atrium Healthcare, Audio-Digest Foundation, Cahners Health Communications, Capitol Associates, Cheshire Communication, Cline, Davis and Mann, Consumers Report, Constella Group, Consultants in Behavior Change, Cooley Hospital, David Crosbee, Inc., Ebix, Edelman Communications, Elsevier Publishing, Exchange Supplies, Fagerstrom Consulting, Free and Clear, Genatics, Golin-Harris, Harris Interactive, International Meetings and Science, Healthcare Communications Network, Health Learning

John R. Hughes, M.D.

Systems, Health Values, Healthwise, Informed; Infusion Pharma Consulting, Insyght, Interactive Technologies, Intramedical Health Services, J. Reckner Assoc., J. Wiley and Sons, Johnson and Bassin, Ketchum Communications, Krog Inc., LEK Consulting, Lifesign Stop Smoking Program, Lippincott Publishing, MacMillan Publishing, Manisses Communications, Medco Management, Inc., Medical Age Publishing, Medical Marketing Group, Medisphere, Milner-Fenwick, National Coffee Manufacturers, Niconovum, Nicoventures, Oglivy Health PR, Orbis, Inc., Palladin, Inc., Patient Care, Penn Technology Partnership, Pinney Associates/Corporate Health Policies, Plenum Press, Porter Novelli, Princeton Scientifics, Pyramid Communications, Sage Publications, Sandler-Recht Communications, Scientia Advisors, Shire Health London, Springer-Verlag, Swedish Match, Symbio, Wilkerson Group, Zelle Associates, ZS Associates.

PUBLICATIONS

Abstracts not included. Peer-reviewed publications indicated by *.

1976

1. *Hughes J.R., Williams J.G., Currier R.D. An ergot alkaloid preparation (Hydergine) in the treatment of dementia: Critical review of the clinical literature. Journal of the American Geriatrics Society, 24:490-497. [222]

1978

2. *Hughes J.R., Frederiksen L.W., Frazier M. A carbon monoxide analyzer for measurement of smoking behavior. Behavior Therapy, 9:293-296. [202]

1979

3. *Andrasik F., Ollendick T., Turner S., Hughes J.R. Pharmacological treatment of aggressive behavior and emesis in the Cornelia de Lange syndrome. Journal of Nervous and Mental Disorders, 167:764-766. [171]
4. *Johnson W.G., Hughes J.R. Mazindol: It's efficacy and mode of action in generating weight loss. Addictive Behaviors, 4:237-244. [223]

1981

John R. Hughes, M.D.

5. *Epstein L.H., Ossip D.J., Coleman D., Hughes J.R., Wiist W. Measurement of smoking topography during withdrawal or deprivation. Behavior Therapy 12:507-519. [173]

1982

6. *Hughes J.R., Epstein L.H., Andrasik F., Neff D.F., Thompson D.S. Smoking and carbon monoxide levels during pregnancy. Addictive Behaviors, 7:271-276. [201]
7. *Hughes J.R., O'Hara M.W., Rehm L.P. Measurement of depression in clinical trials: An overview. Journal of Clinical Psychiatry, 43:85-88. [218]

1983

8. *Hughes J.R., Jacobs D.R., Jr., Schucker B., Chapman D.P., Murray D.M., Johnson C.A. Nonverbal behavior of the Type A individual. Journal of Behavioral Medicine, 6:279-289 [214]

1984

9. *Hatsukami D.K., Hughes J.R., Pickens R.W., Svikiel D.S. Tobacco withdrawal symptoms: An experimental analysis. Psychopharmacology, 84:231-236. [178]: Erratum Psychopharmacology, 108:390, 1992. [3020]
10. *Hughes J.R. Identification of the dependent smoker: Validity and clinical utility. Behavioral Medicine Abstracts, 5:202-204. [189]
11. *Hughes J.R. Psychological effects of habitual aerobic exercise: A critical review. Preventive Medicine, 13:66-78. [193]
12. **Hughes J.R., Crow R.S., Jacobs D.R., Mittelmark M.D., Leon A.S. Physical activity, smoking, and exercise-induced fatigue. Journal of Behavioral Medicine, Med. 1984;7:217-30. [199]
13. *Hughes J.R., Hatsukami D.K. Free reprints to increase return of follow-up questionnaires. Behavior Therapy, 15: 557-558. [205]
14. *Hughes J.R., Hatsukami D.K., Pickens R.W., Krahn D., Malin S., Luknic A. Effect

of nicotine on the tobacco withdrawal syndrome. Psychopharmacology, 83:82-87. [209]

15. *Hughes J.R., Hatsukami D.K., Pickens R.W., Svikis D.S. Consistency of the tobacco withdrawal syndrome. Addictive Behaviors, 9:409-412. [210]
16. *Hughes J.R., Miller S. Nicotine gum to help stop smoking. Journal of the American Medical Association, 252:2855-2858. [217]

1985

17. *Folsom A.R., Hughes J.R., Buehler J.F., Mittelmark M.B., Jacobs D.R., Grimm R.H. Do Type A men drink more frequently than Type B men? Findings in the Multiple Risk Factor Intervention Trial (MRFIT). Journal of Behavioral Medicine 8:227-235. [174]
18. *Hatsukami D.K., Hughes J.R., Pickens R.W. Blood nicotine, smoke exposure and tobacco withdrawal symptoms. Addictive Behaviors, 10:413-417. [176]
19. Hatsukami D.K., Hughes J.R., Pickens R.W. Characterization of tobacco withdrawal: Physiological and subjective effects. In: Grabowski, J., Hall, S. (eds.), Pharmacological Adjuncts in Smoking Cessation Dependence. NIDA Research Monograph, No. 53 Washington, DHHS Pub. No. (ADM), 56-67. [177]
20. Hughes J.R., Eckert E., McManus K. Tube feeding as a psychiatric procedure. American Journal of Psychiatry, 141:1128-1129, 1985. [200]
21. Hughes J.R., Hatsukami D.K. Short-term effects of nicotine gum. In: Grabowski, J., Hall, S. (eds), Pharmacological Adjuncts in Smoking Cessation NIDA Research Monograph, No. 53 Washington, DHHS Pub. No. (ADM), 68-82. [206]
22. *Hughes J.R., Krahn D. Blindness and the validity of the double-blind procedure. Journal of Clinical Psychopharmacology, 5:138-142. [265]
23. *Hughes J.R., Pickens R.W., Spring W., Keenan R. Instructions control whether nicotine will serve as a reinforcer. Journal of Pharmacology and Experimental Therapeutics, 235:106-112. [220]
24. *Hughes J.R., Pleasants-Novak C.N., Pickens R.W., Hatsukami D. Measurement

John R. Hughes, M.D.

of reinforcement in depression: A pilot study. Journal of Behavior Therapy and Experimental Psychiatry, 16:231-236. [221]

25. *Morgan S.F., Gust S., Pickens R.W., Champagne S.E., Hughes J.R. Temporal patterns of smoking topography in the natural environment. International Journal of the Addictions, 20:613-621. [225]

1986

26. Hughes J.R. Craving as a psychological construct. British Journal on the Addictions, 82:38-39. [183]
27. Hughes J.R. ECT during and after the neuroleptic malignant syndrome: Case report. Journal of Clinical Psychiatry, 47:42-43, 1986. [185]
28. *Hughes J.R. Genetics of smoking. A brief review. Behavior Therapy 17:335-345. [188]
29. Hughes J.R. Nicotine gum to treat panic attacks? American Journal of Psychiatry, 143:271, 144:255, 1986. [190]
30. Hughes J.R. Overview: Development of Nicorette, its uses and limitation. In: Ockene JK (ed), Pharmacologic Treatment of Tobacco Dependence: Proceedings of the World Congress, November 3-5, 1985. Cambridge, MA, Institute for the Study of Smoking Behavior and Policy, pp 82-89. [191]
31. Hughes J.R. Problems of nicotine gum. In Ockene JK (ed), Pharmacologic Treatment of Tobacco Dependence: Proceedings of the World Congress, November, 1985, Cambridge, MA, Institute for the Study of Smoking Behavior and Policy, 141-147. [192]
32. *Hughes J.R., Casals D.C., Leon A.S. Psychological effects of exercise: A randomized cross-over trial. Journal of Psychosomatic Research, 30:335-360. [198]
33. *Hughes J.R., Gust S., Pechacek T. Prevalence of tobacco dependence and withdrawal. American Journal of Psychiatry, 144:205-208. [204]
34. *Hughes J.R., Hatsukami D.K. Signs and symptoms of tobacco withdrawal.

John R. Hughes, M.D.

Archives of General Psychiatry, 43: 289-294, 44:392-393. [207]

35. *Hughes J.R., Hatsukami D.K., Mitchell J.E., Dahlgren L.A. Prevalence of smoking among psychiatric outpatients. American Journal of Psychiatry, 143:993-997. [208]
36. *Hughes J.R., Hatsukami D.K., Skoog K. Physical dependence on nicotine gum: A placebo-substitution trial. Journal of the American Medical Association, 255:3277-3279, 256:3214-3215. [211]
37. *Hughes J.R., Kottke T. Doctors helping smokers: Real world tactics. Minnesota Medicine, 69:293-295. [216]
38. *Hughes J.R., Pickens R.W., Gust S.W., Hatsukami D.K., Svikis D.S. Smoking behavior of Type A and Type B smokers. Addictive Behaviors, 11:115-118. [219]
39. *Svikis D., Hatsukami D.K., Hughes J.R., Carroll K.M., Pickens R.W. Sex differences in tobacco withdrawal syndrome. Addictive Behaviors, 11:459-462. [227]

1987

40. *Bernstein G., Hughes J.R., Mitchell J., Thompson T.T. Effects of narcotic antagonists on self-injurious behavior: A single case study. Journal of the American Academy of Child and Adolescent Psychiatry, 26:886-889. [172]
41. *Hatsukami D.K., Morgan S.F., Pickens R.W., Hughes J.R. Smoking topography in a non-laboratory environment. International Journal of the Addictions, 22:719-725. [179]
42. Higgins S.T., Hughes J.R., Gallagher R.M. Introducing behavioral pharmacology: A review of primers by Poling and Carlton. Behavior Analyst 10:277-281, 1987. [181]
43. *Hughes J.R., Amori G., Hatsukami D.K. Attempts to increase the return of surveys. A replication. American Journal of Public Health, 77:1474 [195]
44. Hughes J.R., Hatsukami D.K. Criteria of a pharmacologic withdrawal syndrome. Archives of General Psychiatry, 44:392. [876]
45. Hughes J.R., Higgins S.T. Behavioral and pharmacological treatment of alcohol

and drug abuse. Vermont Psychologist, 11:1-13. [212]

1988

46. *Hatsukami D.K., Dahlgren L., Zimmerman,R., Hughes J.R. Symptoms of tobacco withdrawal from total cigarette cessation vs partial cigarette reduction. Psychopharmacology 94:242-247. [175]
47. *Hatsukami D.K., Pickens R.W., Svikis D.S., Hughes J.R. Smoking topography and nicotine blood levels. Addictive Behaviors, 13:91-95. [180]
48. Hughes J.R. Clonidine, depression and smoking cessation. Journal of the American Medical Association 259:2901-2902. [182]
49. Hughes J.R. Dependence potential and abuse liability of nicotine replacement therapies. In: Pomerleau O.F., Pomerleau C., Fagerstrom K.O., Henningfield J.E., Hughes J.R. (eds), Nicotine Replacement: A Critical Evaluation, Plenum Press, New York, 1988, pp. 261-277. [184] Reprinted in Biomedicine and Pharmacology, 1989;43:11-17. [1416]
50. *Hughes J.R., Amori G., Hatsukami D.K. A survey of physician advice about caffeine. Problems of Drug Dependence, 1:67-70. [196]
51. *Hughes J.R., Arana G., Amori G., Stewart F., Workman R. Effect of tobacco withdrawal on the dexamethasone suppression test. Biological Psychiatry, 23:96-98. [197]
52. *Hughes J.R., Higgins S.T., Bickel W.K. Behavioral "properties" of drugs. Psychopharmacology, 96:557. [1013]
53. *Lombardo T.W., Hughes J.R., Fross J.D. Failure to support the validity of the Fagerstrom Tolerance Questionnaire as a measure of physiological tolerance to nicotine. Addictive Behaviors, 13:87-90. [224]
54. Pomerleau O., Pomerleau C., Fagerstrom K.O., Henningfield J.E., Hughes J.R. (eds.) Nicotine Replacement: A Critical Evaluation, The Haworth Press, New York, 1988. [226]

1989

55. *Higgins S.T., Bickel W.K., Rush C.R. Hughes J.R., Pepper S., Lynn M. Comparable rates of responding and reinforcement do not eliminate the differential effects of ethanol on response chain acquisition and performance. Psychological Record 39:583-595. [1017]
56. *Higgins S.T., Hughes J.R., Bickel W.K. Effects of d-amphetamine on choice of social versus monetary reinforcement: A discrete-trial test. Pharmacology, Biochemistry & Behavior, 34:297-301. [1018]
57. Hughes J.R. Cela n'etait pas une couverture. Journal of the American Medical Association, 261:2956, 1989. [1009]
58. Hughes J.R. Environmental determinants of the reinforcing effects of nicotine in humans. Journal of Substance Abuse, 1:319-329. [187]
59. Hughes J.R. Preventing relapse of the ex-smoker: The show must go on. Journal of the American Medical Association, 261:3474, 1989. [1010]
60. *Hughes J.R., Gulliver S.B., Amori G., Mireault G., Fenwick J.W. Effect of instructions and nicotine on smoking cessation, withdrawal symptoms and self-administration of nicotine gum. Psychopharmacology, 99:486-491. [420]
61. *Hughes J.R., Gust S.W., Keenan R.M., Fenwick J.W., Healy M.L. Nicotine vs placebo gum in general medical practice. Journal of the American Medical Association, 261:1300-1305, and 264:1531 (Letter). [422]
62. *Hughes J.R., Keenan R., Yellin A. Effect of tobacco withdrawal on sustained attention. Addictive Behaviors, 14:577-580. [215]
63. *Hughes J.R., Strickler G., King D., Higgins S.T., Fenwick J.W., Gulliver S.B., Mireault G. Smoking history, instructions and the effects of nicotine: Two pilot studies. Pharmacology, Biochemistry & Behavior, 34:149-155. [432]
64. *Kottke T.E., Brekke M.L., Solberg L.I., Hughes J.R. A randomized trial to increase smoking intervention by physicians: Doctors Helping Smokers, Round I. Journal of the American Medical Association, 261: 2101-2106. [1001]

1990

John R. Hughes, M.D.

65. *Bickel W.K., DeGrandpre R.J., Higgins S.T., Hughes J.R. Behavioral economics of drug self-administration. I. Functional equivalence of response requirement and drug dose. Life Sciences, 47:1501-1510. [1249]
66. Bickel W.K., Hughes J.R., Higgins S.T. Human behavioral pharmacology of benzodiazepines: Effects on the repeated acquisition and performance of response chains. Drug Development Research, 20:53-65. [992]
67. DeGrandpre R.J., Rush C.R., Bickel W.K., Higgins S.T., Hughes J.R. Human Behavioral Pharmacology at the University of Vermont. Experimental Analysis of Human Behavior Bulletin, 8:26-28. [1259]
68. *Gallagher R.M., McCann W.J., Jerman A., Hughes J.R., Langelier R., Stewart F. The behavioral medicine service: An administrative model for biopsychological medical care, teaching and research. General Hospital Psychiatry, 12:283-295. [1028]
69. *Higgins S.T., Bickel W.K., Hughes J.R., Lynn M., Capeless M.A., Fenwick J.W. Effects of intranasal cocaine on human learning, performance and physiology. Psychopharmacology, 102:451-458. [1034]
70. Hughes J.R. More on double-blindness. British Journal of Psychiatry, 156:151-152, 1990. [1169]
71. Hughes J.R. Short term effects of smoking cessation: Nicotine withdrawal. In: J.M. Samet, R.M. Davis, N.E. Grunberg, et al. (eds.), Health Benefits of Smoking Cessation: A Report of the US Surgeon General, US Govt. Printing Office, Washington, pp. 521-531. [3775]
72. *Hughes J.R. Utility of observer reports of smoking status. Journal of Substance Abuse, 2:249-253. [1019]
73. *Hughes J.R., Gust S.W., Keenan R.M., Fenwick J.W. Effect of dose on nicotine's reinforcing, withdrawal-suppression, and self-reported effects. Journal of Pharmacology and Experimental Therapeutics, 252:1175-1183. [1020]
74. Hughes J.R., Higgins S.T., Bickel W.K. Human Behavioral Pharmacology Laboratory, University of Vermont. British Journal of Addictions, 85:441-445.

[1023]

75. Hughes J.R., Higgins S.T., Hatsukami D.K. Effects of abstinence from tobacco: A critical review. In: Kozlowski L.T., Annis H., Cappell H.D., Glaser F., Goodstadt M., Israel Y., Kalant H., Sellers E.M. and Vingilis E. (eds), Research Advances in Alcohol and Drug Problems, Vol 10, Plenum Press, New York, pp. 317-398. [213]
76. *Hughes J.R., Oliveto A.H. The growth of treatment research in alcohol and drug use disorders: A computerized literature search. Drug and Alcohol Dependence 26:81-84. [1022]
77. *Wadland W.C., Hughes J.R., Secker-Walker R.H., Bronson D.L., Fanwick J. Recruitment in a primary care trial on smoking cessation. Family Medicine, 22:201-204. [1021]

1991

78. *Bickel W.K., DeGrandpre R.J., Hughes J.R., Higgins S.T. Behavioral economics of drug self-administration II: A unit price analysis of cigarette smoking. Journal of the Experimental Analysis of Behavior, 55:145-154. [1027]
79. Bickel W.K., Higgins S.T., Hughes J.R. Development of repeated acquisition methodologies: Implications for the detection of drug-induced disruption in human learning. In: Gust, S.W., Walsh, J.M., Thomas, L.B., Crouch, P.J. (eds.), Drugs in the Workplace: Research and Evaluation Data, Vol II, NIDA Research Monograph 100, Washington, US Govt Printing Office, pp. 99-112. [1051]
80. *Bickel W.K., Higgins S.T., Hughes J.R. The effects of diazepam and triazolam on repeated acquisition and performance of response sequences with an observing response. Journal of the Experimental Analysis of Behavior, 56:217-237. [1032]
81. *Hatsukami D.K., Skoog K., Huber M., Hughes J.R. Signs and symptoms from nicotine gum abstinence. Psychopharmacology, 104:496-504. [1260]
82. *Higgins S.T., Delaney D.W., Budney A.J., Bickel W.K., Hughes J.R., Foerg F., Fenwick J.W. A behavioral approach to achieving initial cocaine abstinence. American Journal of Psychiatry, 148:1218-1224. [1150]

John R. Hughes, M.D.

83. *Hughes J.R. Combined psychological and nicotine gum treatment for smoking: A critical review. Journal of Substance Abuse, 3:337-350. [1039]
84. Hughes J.R. Comorbidity of mental disorders and nicotine dependence. Journal of The American Medical Association, 265:1256-1257, 1991. [1251]
85. Hughes J.R. Contribution of excessive smoking to hyponatremia. American Journal of Psychiatry, 148:689, 1991. [1374]
86. *Hughes J.R. Distinguishing withdrawal
87. relief and direct effects of smoking. Psychopharmacology, 104:409-410. [1155]
88. Hughes J.R. Long-term use of nicotine-replacement therapy. In: Henningfield J.E., Stitzer M.L. (eds), New Developments in Nicotine-Delivery Systems, Carlton Publishers, New York, 64-71. [1473]
89. Hughes J.R. Smoking, psychiatric disease and ulcerative colitis. American Journal of Psychiatry, 148:688, 1991. [1348]
90. Hughes J.R. The pharmacologic properties of caffeine. Currents, 10:5-13. [1651]
91. *Hughes J.R., Bickel W.K., Higgins S.T. Buprenorphine for pain relief in a patient with drug abuse. American Journal of Drug and Alcohol Abuse, 17(4):451-455. [1030]
92. *Hughes J.R., Gust S.W., Keenan R., Fenwick J.W., Skoog K., Higgins S.T. Long-term use of nicotine vs placebo gum. Archives of Internal Medicine, 151:1993-1998. [1043]
93. *Hughes J.R., Gust S.W., Skoog K., Keenan R., Fenwick J.W. Symptoms of tobacco withdrawal: A replication and extension. Archives of General Psychiatry 48:52-59. [1049]
94. *Hughes J.R., Higgins S.T., Bickel W.K., Hunt W.K., Fenwick J.W., Gulliver S.B., Mireault G.C. Caffeine self-administration, withdrawal and adverse effects among coffee drinkers. Archives of General Psychiatry, 48:611-617. [1154]
95. *Hughes J.R., Wadland W., Fenwick J.W., Lewis J., Bickel W.K. Effect of cost on the self-administration and efficacy of nicotine gum: A preliminary study.

John R. Hughes, M.D.

Preventive Medicine, 20:486-496. [1048]

96. Newhouse P.A., Hughes J.R. The role of nicotine and nicotinic mechanisms in neuropsychiatric disease. British Journal of Addictions, 86:521-526. [1052]
97. *Oliveto A.H., Hughes J.R., Terry S.Y., Bickel W.K., Higgins S.T., Pepper S.L., Fenwick J.W. Effects of caffeine on tobacco withdrawal. Clinical Pharmacology & Therapeutics, 50:157-164. [1318]
98. *Transdermal Nicotine Study Group. Transdermal nicotine for smoking cessation: 6 months results of two multicenter controlled clinical trials. Journal of the American Medical Association, 266:3133-3138. [1382]

1992

99. *Bickel W.K., Hughes J.R., DeGrandpre R.J., Higgins S.T., Rizzuto P. Behavioral economics of drug self-administration. IV. The effects of response requirement on the consumption of and interaction between concurrently available coffee and cigarettes. Psychopharmacology, 107:211-216. [1433]
100. *Budney A.J., Higgins S.T., Hughes J.R., Bickel W.K. The scientific/clinical response to the cocaine epidemic: A medline search of the literature. Drug and Alcohol Dependence, 30:143-149. [1658]
101. *DeGrandpre R.J., Bickel W.K., Hughes J.R., Higgins S.T. Behavioral economics of drug self-administration III: A re-analysis of the nicotine regulation hypothesis. Psychopharmacology, 108:1-10. [1255]
102. *Higgins S.T., Rush C.R., Hughes J.R., Bickel W.K., Lynn M., Capeless M.A. Effects of cocaine and alcohol, alone and in combination, on human learning and performance. Journal of the Experimental Analysis of Behavior, 58:87-105. [1689]
103. Hughes J.R. Clinical importance of caffeine withdrawal. New England Journal of Medicine, 327:1160-1161. [1877]
104. *Hughes J.R. Observer reports of smoking status: A replication. Journal of Substance Abuse 4:403-406. [1637]
105. *Hughes J.R. Tobacco withdrawal in self-quitters. Journal of Consulting and

John R. Hughes, M.D.

Clinical Psychology, 60:689-697. [1483]

106. Hughes J.R., Bickel W.K., Higgins S.T. Alcohol and addictions. American Journal of Psychiatry, 149:1118, 1992. [1854]
107. *Hughes J.R., Gulliver S., Fenwick J.W., Valliere W.A., Cruser K., Pepper S.L., Shea P.J., Solomon L.J., Flynn B.S. Smoking cessation among self-quitters. Health Psychology, 11:331-334. [1509]
108. Hughes J.R., Hatsukami, D.K. The nicotine withdrawal syndrome: A brief review and update. International Journal of Smoking Cessation, 1:21-26. [1656]
109. *Hughes J.R., Hunt W.K., Higgins S.T., Bickel, W.K., Fenwick, J.W., Pepper S.L. Effect of dose on the ability of caffeine to serve as a reinforcer in humans. Behavioral Pharmacology, 3:211-218. [1345]
110. *Hughes J.R., Oliveto A.H., Helzer J.E., Higgins S.T., Bickel W.K. Should caffeine abuse, dependence or withdrawal be added to DSM-IV or ICD-10? American Journal of Psychiatry, 149:33-40 [1347]
111. Hughes J.R., Pierattini R. An introduction to pharmacotherapy for mental disorders. In: Grabowski J., Vandenbos G.R. (eds) Psychopharmacology: Basic Mechanisms and Applied Interventions: Master Lectures in Psychology, 97-126, American Psychological Association, Washington. [1276]
112. *Oliveto A.H., Bickel W.K., Hughes J.R., Higgins S.T., Fenwick J.W. Triazolam as a discriminative stimulus in humans. Drug and Alcohol Dependence, 30:133-142. [1659]
113. *Oliveto A.H., Bickel W.K., Hughes J.R., Shea P., Higgins S.T., Fenwick J.W. Caffeine drug discrimination in humans: Acquisition, specificity and correlation with self-reports. Journal of Pharmacology and Experimental Therapeutics 261:885-894. [1660]
114. *Oliveto A.H., Hughes J.R., Higgins S.T., Bickel W.K., Pepper S.L., Shea P.J., Fenwick J.W. Forced-choice versus free-choice procedures: caffeine self-administration in humans. Psychopharmacology, 109:85-91. [1253]
115. *Slade J., Connolly G.N., Davis R.M., Douglas C.E., Henningfield J.E., Hughes

John R. Hughes, M.D.

J.R., Kozlowski L.T., Myers M.L. Report of the tobacco policy research study group on adjunctive medications for managing nicotine dependence. Tobacco Control 1:510-513. [2118]

116. *Slade J., Connolly G.N., Davis R.M., Douglas C.E., Henningfield J.E., Hughes J.R., Kozlowski L.T., Myers M.L. Report of the tobacco policy research study group on tobacco products. Tobacco Control 1:S4-S9. [2119]

1993

117. *Bickel W.K., Oliveto A.H., Kamien J.B., Higgins S.T., Hughes J.R. A novel response procedure enhances the selectivity and sensitivity of a triazolam discrimination in humans. Journal of Pharmacology and Experimental Therapeutics 264:360-367. [1912]
118. *Budney A.J., Higgins S.T., Hughes J.R., Bickel W.K. Nicotine and caffeine use in cocaine-dependent individuals. Journal of Substance Abuse 5:117-130. [1852]
119. *DeGrandpre R.J., Bickel W.K., Hughes J.R., Layng M.P., Badger G. Unit price as a useful metric in analyzing effects of reinforcer magnitude. Journal of the Experimental Analysis of Behavior 60:641-666. [2059]
120. *DeGrandpre R.J., Bickel W.K., Rizvi A.T., Hughes J.R. Effects of income on drug choice in humans. Journal of the Experimental Analysis of Behavior 59:483-500. [1970]
121. *Hatsukami D.K., LaBounty C., Hughes J.R., Laine D. Effects of tobacco abstinence on food intake among cigarette smokers. Health Psychology 12:499-502. [3776]
122. Higgins S.T., Bickel W.K., Hughes J.R. Methods in the human behavioral pharmacology of drug abuse. In: F. van Haaren (ed.), Methods in Behavioral Pharmacology 1993, Elsevier Science Publications, Amsterdam, 475-497. [1250]
123. *Higgins S.T., Budney A.J., Bickel W.K., Hughes J.R., Foerg F., Badger G. Achieving cocaine abstinence with a behavioral approach. American Journal of Psychiatry 150:763-769. [1871]
124. *Higgins S.T., Rush C.R., Bickel W.K., Hughes J.R., Lynn M., Capeless M.A.

John R. Hughes, M.D.

- Acute behavioral and cardiac effects of cocaine and alcohol in combinations in humans. Psychopharmacology 111:285-294. [1971]
125. Hughes J.R. Is the nicotine patch the answer? Patient Care,27; 68-75. [2058]
 126. *Hughes J.R. Pharmacotherapy for smoking cessation: Unvalidated assumptions, anomalies and suggestions for future research. Journal of Consulting and Clinical Psychology 61:751-760. [1653]
 127. *Hughes J.R. Possible effects of smoke-free inpatient units on psychiatric diagnosis and treatment. Journal of Clinical Psychiatry 54:109-114. [1853]
 128. Hughes J.R. Risk/benefit assessment of nicotine preparations in smoking cessation. Drug Safety 8:49-56. [1661]
 129. *Hughes J.R. Smoking as a drug dependence: A reply to Robinson and Pritchard. Psychopharmacology 113:282-283, [2087]
 130. Hughes J.R. Tobacco withdrawal. In: Jaffee J. (ed.), The Encyclopedia of Drugs and Alcohol, MacMillan, New York. [1652]
 131. *Hughes J.R. Treatment of smoking cessation in smokers with past alcohol/drug problems. Journal of Substance Abuse Treatment 10:181-187. [1535]
 132. *Hughes J.R., Glaser M. Transdermal nicotine for smoking cessation. Health Values 17:24-31. [1789]
 133. *Hughes J.R., Oliveto A.H. Coffee and alcohol intake as predictors of smoking cessation and tobacco withdrawal. Journal of Substance Abuse 5:305-310. [1974]
 134. *Hughes J.R., Oliveto A.H., Bickel W.K., Higgins S.T., Badger G.J. Caffeine self-administration and withdrawal: Incidence, individual differences and interrelationships. Drug and Alcohol Dependence, 32:239-246. [1917]
 135. *Kamien J.B., Bickel W.K., Hughes J.R., Higgins S.T., Smith B. Drug discrimination by humans compared to nonhumans: Current status and future directions. Psychopharmacology 111:259-270. [1920]
 136. *Oliveto A.H., Bickel W.K., Hughes J.R., Terry S.Y., Higgins S.T., Badger G.J.

Pharmacological specificity of the caffeine discriminative stimulus in humans: Effects of theophylline, methylphenidate and buspirone. Behavioral Pharmacology 4:237-246. [1919]

137. *Rush C.R., Higgins S.T., Bickel W.K., Hughes J.R. Abuse liability of alprazolam relative to other commonly used benzodiazepines: A review. Neuroscience and Biobehavioral Review 17:277-285. [2117]
138. Rush C.R., Higgins S.T., Bickel W.K., Hughes J.R. Acute effects of triazolam and lorazepam on human learning, performance and subject ratings. Journal of Pharmacology and Experimental Therapeutics 264:1218-1226. [1876]
139. *Rush C.R., Higgins S.T., Hughes J.R., Bickel W.K. A comparison of the acute behavioral effects of triazolam and temazepam in normal volunteers. Psychopharmacology 112:407-414. [2074]
140. *Rush C.R., Higgins S.T., Hughes J.R., Bickel W.K., Wiegner M.S. Acute behavioral and cardiac effects of alcohol and caffeine alone and in combination, in humans. Behavioral Pharmacology 4:562-572. [1304]

1994

141. *Allen S.A., Hatsukami D.K., Gorsline J. Transdermal Nicotine Study Group. Cholesterol changes in smoking cessation using the transdermal nicotine system. Preventive Medicine 23:190-196. [2172]
142. *Amass L., Bickel W.K., Higgins S.T., Hughes J.R. A preliminary investigation of outcome following gradual or rapid buprenorphine detoxification. Journal of Addictive Diseases 13:35-47 [1922]
143. *DeGrandpre R.J., Bickel W.K., Higgins S.T., Hughes J.R. A behavioral economic analysis of concurrently available money and cigarettes. Journal of the Experimental Analysis of Behavior 61:191-201. [2065]
144. *Higgins S.T., Bickel W.K., Hughes J.R. Influence of an alternative reinforcer on human cocaine self-administration. Life Sciences 55:179-187. [2124]
145. Higgins S.T., Budney A.J., Bickel W.K., Hughes J.R., Foerg F. Disulfiram therapy in patients abusing cocaine and alcohol. American Journal of Psychiatry 150:675-

John R. Hughes, M.D.

- 676, 1993. [1866]
146. Higgins S.T., Budney A.J., Hughes J.R., Bickel W.K., Lynn M., Mortensen A. Influence of cocaine use on cigarette smoking. Journal of the American Medical Association 272:1724, 1994. [2158]
 147. *Hughes J.R. An algorithm for smoking cessation. Archives of Family Medicine 3:280-285. [2113]
 148. Hughes J.R. Behavioral support programs for smoking cessation. Modern Medicine 62:22-27. [1924]
 149. Hughes J.R. Caffeine withdrawal, dependence and abuse. In: Widiger T.A., Frances A.J., Pincus H.A., First M.B., Ross R., Davis W. (eds.), DSM-IV Sourcebook, American Psychiatric Association, Washington, pp. 129-134. [1275]
 150. Hughes J.R. Exclusion of "noncompliant" individuals from clinical trials. Controlled Clinical Trials, 13:176-177, 1993. [1872]
 151. Hughes J.R. Nicotine addiction: Principles and management (book review). New England Journal of Medicine 331:751, 1994. [2165]
 152. Hughes J.R. Nicotine withdrawal, dependence and abuse. In: Widiger T.A., Frances A.J., Pincus H.A., First M.B., Ross R., Davis W. (eds.) DSM-IV Sourcebook, American Psychiatric Association, Washington, pp. 109-116. [1277]
 153. Hughes J.R. Non-nicotine pharmacotherapies for smoking cessation. Journal of Drug Development 6:197-203. [2214]
 154. Hughes J.R. Protracted withdrawal. American Journal of Psychiatry 151:785-786, 1994. [2060]
 155. Hughes J.R. Regulation of the nicotine content of cigarettes. New England Journal of Medicine 331:1530-1531, 1994. [2245]
 156. Hughes J.R. Smoking and alcoholism. In: Cox J. Hatsukami D.K., (Eds.), Behavioral Approaches to Addiction, Cahners Healthcare Communications, NJ, 1-3. [2115]

John R. Hughes, M.D.

157. Hughes J.R. Transdermal nicotine: Clarification, side-effects and funding. Journal of the American Medical Association, 269:1939, 1993. [1915]
158. Hughes J.R., Bickel W.K., Higgins S.T. Educating psychiatrists in the evaluation and treatment of patients with substance abuse. American Journal of Psychiatry 149:1118, 1993. [2159]
159. Hughes J.R., Higgins S.T., Bickel W.K. Common errors in the pharmacological treatment of drug dependence and withdrawal. Comprehensive Therapy 20:89-94. [1875]
160. *Hughes J.R., Higgins S.T., Bickel W.K. Nicotine withdrawal vs other drug withdrawal syndromes; Similarities and dissimilarities. Addictions 89:1461-1470. [1923]
161. Hughes J.R., Howard T. Nicotine don't get no respect. Journal of the American Medical Association, 271:585, 1994. [2114]
162. *Kamien J.B., Bickel W.K., Higgins S.T., Hughes J.R. The effects of delta-tetrahydrocannabinol on repeated acquisition and performance of response sequences and on self-reports in humans. Behavioral Pharmacology 5:71-78. [2126]
163. *Kamien J.B., Bickel W.K., Oliveto A.H., Smith B.J., Higgins S.T., Hughes J.R., Badger G.J. Triazolam discrimination by humans under a novel-response procedure: Effects of buspirone and lorazepam. Behavioural Pharmacology 5:315-325. [2163]
164. *Oliveto A.H., Bickel W.K., Kamien J.B., Hughes J.R., Higgins S.T. Effects of diazepam and hydromorphone in triazolam-trained humans under a novel response drug discrimination procedure. Psychopharmacology 114:417-423. [2125]
165. *Repsher L.H. Transdermal Nicotine Study Group. Smoking cessation by women and older persons: Results from the Transdermal Nicotine Study Group. Modern Medicine 62:34-38. [2066]
166. *Rush C.R., Higgins S.T., Bickel W.K., Hughes J.R. Acute behavioral effects of lorazepam and caffeine, alone and in combination in humans. Behavior Pharmacology 5:245-254. [2089]

John R. Hughes, M.D.

167. *Rush C.R., Higgins S.T., Hughes J.R., Bickel W.K. Acute behavioral effects of triazolam and caffeine, alone and in combination in humans. Experimental and Clinical Psychopharmacology 3:211-222. [2123]
168. Wadland W.C., Hughes J.R., Secker-Walker R.H. Prompting smoking cessation in family practice. In: Burns D.M., Gritz E.R., Cohen S., Kottke T.E., Tobacco and the Clinician: Interventions for Medical and Dental Practice: NCI Smoking and Tobacco Control Monograph No. 5, US Gov't Printing Office, Washington. [1394]

1995

169. *Bickel W.K., DeGrandpre R.J., Higgins S.T., Hughes J.R., Badger G.J. Effects of simulated employment and recreation on drug taking: A behavioral economic analysis. Experimental and Clinical Psychopharmacology 3:467-476. [1921]
170. *Cottler L.B., Schuckit M.A., Helzer J.E., Crowley T., Woody G., Nathan P., Hughes J.R. The DSM-IV Field Trial for substance use disorders: Major results. Drug and Alcohol Dependence 38:59-69. Also appeared in: Widiger TA, Frances AJ, Pincus HA, Ross R, First M, Kline M (eds.), DSM IV Sourcebook Vol. 4, American Psychiatric Association, Washington. [2243]
171. Fagerstrom K.O., Hughes J.R. Choosing treatments for smokers. European Medical Association for Smoking on Health 9:1-3. [2404]
172. *Gulliver, S., Hughes, J.R., Solomon L.J., Dey A.N. An investigation of self-efficacy, partner support and daily stresses as predictors of relapse to smoking in self-quitters. Addiction 90:767-772. [2406]
173. *Hale K.L., Hughes J.R., Oliveto A.H., Higgins S.T. Caffeine self-administration and subjective effects in adolescents. Experimental and Clinical Psychopharmacology 3:364-370. [2354]
174. *Howard T.S., Hughes J.R. Smoking cessation and nicotine patch. Journal of the American Medical Association 274:214. [2353]
175. Hughes J.R. aaPaa position statement on nicotine dependence. American Journal on Addictions 4:179-181. [2358]

John R. Hughes, M.D.

176. Hughes J.R. Applying harm reduction to smoking. Tobacco Control 4:S33-S38. [2416]
177. Hughes J.R. Clinical implications of the association between smoking and alcoholism. In: Fertig J., Fuller R. (eds.), Alcohol and Tobacco: From Basic Science to Policy, NIAAA Monograph, Volume 30, U.S. Gov't Printing Office, Washington, pp., 171-185. [2428]
178. Hughes J.R. Combining behavioral therapy and pharmacotherapy for smoking cessation: An update. In: Onken L.S., Blaine J.D., Boren J.J. (Ed.), Integrating Behavior Therapies with Medication in the Treatment of Drug Dependence, NIDA Research Monograph No. 150, Washington, US Gov't Printing Office, pp. 92-109. [2048]
179. Hughes J.R. Motivating physicians to provide smoking cessation treatment. American Journal of Public Health 85:1297, 1995. [2481]
180. Hughes J.R. Nicotine Dependence Task Force. Position statement on nicotine dependence. American Journal of Psychiatry 152:481. [2355]
181. Hughes J.R. Treatment of nicotine dependence: Is more better? Journal of the American Medical Association 274:1390-1391. [2443]
182. Hughes J.R., Francis R.J. How to help psychiatric patients stop smoking. Psychiatric Services 46:435-436. [2356]
183. Hughes J.R., McHugh P. Nicotine and neuropsychiatric disorders: Schizophrenia. In: Clarke P., Quik M., Thureau K., Adlkofer F. (eds) The Effects of Nicotine on Biological Systems II, Birkhauser Verlag, Basel, pp. 301-306. [2244]
184. *Hughes J.R., Oliveto A.H., Bickel W.K., Higgins S.T., Badger G. The ability of low doses of caffeine to serve as reinforcers in humans: A replication. Experimental and Clinical Psychopharmacology 3:358-363. [2121]
185. *Kamien J.B., Bickel W.K., Oliveto A.H., Higgins S.T., Hughes J.R., Richards A.T., Badger G.T. Placebo effects contribute to differences in the acquisition of drug discrimination by humans: a retrospective analysis. Behavioral Pharmacology 6:187-194. [2127]

1996

186. *Fagerstrom K.O., Kunze M., Schoberberger R., Breslau N., Hughes J.R., Hurt R.D., Puska P., Ramstrom L., Zatonski W. Nicotine dependence versus smoking prevalence: Comparisons among countries and categories of smokers. Tobacco Control 5:52-56. [2588]
187. *Glover E.D., Sachs D.P.L., Stitzer M.L., Rennard S.I., Wadland W., Pomerleau, O.F., Nowak R.T., Daughton D.M., Glover P.N., Hughes J.R., Gross J. Smoking cessation in highly dependent smokers with 4 mg nicotine polacrilex. American Journal of Health Behavior. 20:319-332. [2653]
188. Hughes J.R. Commentary. Practice guideline for the treatment of patients with substance use disorders: Alcohol, cocaine, opioids. Abstracts of Clinical Care Guidelines. 8:5. [2592]
189. *Hughes J.R. The future of smoking cessation therapy in the United States. Addiction 91:1797-1802. [2594]
190. Hughes, J.R. My dad can predict better than your dad. So what? Addiction 91:1284-1285. [2649]
191. Hughes J.R. Nicotine dependence. In: Sellers E. (ed.) Pharmacological Treatment of Substance Use Disorders: International Issues in Medications Development. Geneva, World Health Organization, [2715]
192. *Hughes J.R. An overview of nicotine use disorders for alcohol/drug abuse clinicians. American Journal on Addictions 5:262-274. [2357]
193. Hughes J.R. Treating smokers with current or past alcohol dependence. American Journal of Health Behavior. 1996:20:286-90. [2585]
194. Hughes J.R. Treatment of nicotine dependence. In: Schuster C.R., Gust S.W., Kuhn M.J. Basic and Human Pharmacology of Dependence and Addiction: Toward an Integrative Neurobehavioral Approach: Handbook of Experimental Psychology Series, Volume 118, Springer-Verlag, New York, pp 599-626. [2075]
195. Hughes J.R. What alcohol/drug abuse clinicians need to know about caffeine. American Journal on Addictions 5:49-57. [2323]

John R. Hughes, M.D.

196. *Hughes J.R. Who are these "nonsmokers"? American Journal of Public Health 86:745-746. [2587]
197. *Hughes J.R., Fiester S., Goldstein M., Resnick M., Rock N., Ziedonis D. American Psychiatric Association Practice Guideline for the Treatment of Nicotine Dependence. American Journal of Psychiatry 153:S1-31. [2586]
198. *Hughes J.R., Oliveto A.H., Terry S.Y. Saying vs doing and other methodological issues in the study of human drug self-administration. Experimental and Clinical Psychopharmacology 4:234-238. [2120]
199. *Liguori A., Hughes J.R. Where is smoking research published? Tobacco Control 5:37-38. [2583]
200. NCI Expert Committee. The FTC Cigarette Test Method for Delivering Tar, Nicotine and Carbon Monoxide Yields of U.S. Cigarettes, USPHHS, Washington. [2402]

1997

201. Hughes J.R. Nicotine dependence as a barrier to reduction of smoking-related mortality. In: Ramstrom L., Uranga R., Hendrie A. (eds.) Social and Economic Aspects of Reduction of Tobacco Smoking by Alternative Nicotine Delivery Systems. Adis, Cambridge. [2827]
202. Hughes J.R., Substance abuse and ADHD. The American Journal of Psychiatry 154:1. [6451]
203. Hughes J.R., Bickel W.K. Modeling drug dependence behaviors for animal and human studies. Pharmacology, Biochemistry and Behavior 57:413-417. [2593]
204. *Hughes J.R., Giovino G.A., Klevens R.M., Fiore M. Assessing the generalizability of smoking studies. Addiction 92:469-472. [2122]
205. *Hughes J.R., Hatsukami D.K. Effects of three doses of transdermal nicotine on post-cessation eating, hunger and weight. Journal of Substance Abuse 9:151-159. [2768]

John R. Hughes, M.D.

206. *Hughes J.R., Howard T.S. Nicotine and caffeine use as confounds in psychiatric studies. Biological Psychiatry. 42:1184-1185. [2867]
207. *Hughes J.R., Liguori A. Bibliographical analysis of research on smoking cessation therapy. Tobacco Control 6:111-114. [2764]
208. *Hughes J.R., Oliveto A.H. A systematic survey of caffeine intake in Vermont. Experimental and Clinical Psychopharmacology 5:393-398. [2590]
209. Hughes J.R., Stead L.F., Lancaster T.R. Anxiolytics and antidepressants in smoking cessation. In: Lancaster T., Silagy C., Fullerton D. (eds). Tobacco Addiction Module of the Cochrane Database of Systematic Reviews. The Cochrane Collaboration, Oxford. [2828]
210. Hughes J.R., Zarin D.A., Pincus H.A. Treating nicotine dependence in mental health settings. Journal of Practical Psychiatry and Behavioral Health 1:250-254. [2819]
211. *Kamien J.B., Bickel W.K., Smith B.J., Badger G.J., Hughes J.R. Secobarbital in humans discriminating triazolam under two-response and novel-response procedures. Pharmacology, Biochemistry and Behavior. 58:983-991[2831]
212. *Liguori A., Hughes J.R. Caffeine self-administration in humans II: A within-subject comparison of coffee and cola vehicles. Experimental and Clinical Psychopharmacology. 5:295-303[2769]
213. *Liguori A., Hughes J.R., Goldberg K., Callas P. Subjective effects of oral caffeine in formerly cocaine dependent humans. Drug and Alcohol Dependence, 49:17-24. [2825]
214. *Liguori A., Hughes J.R., Grass J.A. Absorption and subjective effects of caffeine from coffee, cola and capsules. Pharmacology Biochemistry and Behavior. 58:721-726. [2766]
215. *Liguori A., Hughes J.R., Oliveto, A.H. Caffeine self-administration in humans I: Efficacy of cola vehicle. Experimental and Clinical Psychopharmacology. 5:286-294.[2765]
216. *Oliveto A.H., Bickel W.K., Hughes J.R., Higgins S.T., Badger G. Functional

John R. Hughes, M.D.

antagonism of the caffeine discriminative stimulus by triazolam in humans. Behavioral Pharmacology. 8:124-138. [2767]

217. Stead L.F., Hughes J.R. Lobeline for smoking cessation. In: Lancaster T., Silagy C., Fullerton D. (eds). Tobacco Addiction Module of the Cochrane Database of Systematic Reviews. The Cochrane Collaboration, Oxford. [2829]

1998

218. Higgins S.T., Hughes J.R. Human behavioral pharmacology: An overview of laboratory, methods. In: Lattal K.A., Perone M. (eds). Handbook of Research Methods in Human Operant Behavior. Plenum Press, New York, pp. 579-618. [2164]
219. Hughes J.R. Dependence on and abuse of nicotine replacement medications. An update. In: Benowitz N. (ed.) Nicotine Safety & Toxicity. Oxford Press, New York, pp. 147-157. [2584]
220. Hughes J.R. Harm reduction approaches to smoking: The need for data. American Journal of Preventative Medicine, 15:78-79. [2891]
221. Hughes J.R. Taking smoking cessation treatment seriously. The American Psychiatric Association's Practice Guideline for the Treatment of Patients with Nicotine Dependence. Addiction 93:469-470. [2824]
222. Hughes J.R. Tobacco control research. Health Science Analysis Project, Advocacy Institute, Washington D.C., Policy Analysis No. 2. [2890]
223. *Hughes J.R., Hale K.L. Behavioral effects of caffeine, and other methylxanthines on children. Experimental & Clinical Psychopharmacology. 6:87-95. [2762]
224. Hughes J.R., Hatsukami D.K. Errors in using tobacco withdrawal scales. Tobacco Control, 7:92-93. [2931]
225. Hughes J.R., McHugh P., Holtzman S. Caffeine and schizophrenia. Psychiatric Services, 49:1415-1417. [2823]
226. *Hughes J.R., Oliveto A.H., Liguori A., Carpenter J., Howard T. Endorsement of DSM-IV dependence criteria among caffeine users: A pilot study. Drug and

John R. Hughes, M.D.

Alcohol Dependence, 52:99-107. [2865]

1999

227. *Budney A.J., Novy P.L., Hughes J.R. Marijuana withdrawal among adults seeking treatment for marijuana dependence. Addiction. 94:1311-1322 [2979]
228. *Hughes J.R. Comorbidity and smoking. Nicotine and Tobacco Research. 1:S149-152 [2932]
229. *Hughes J.R. Four beliefs that may impede progress in the treatment of smoking. Tobacco Control. 8:323-326 [2957]
230. Hughes J.R. Nicotine-related disorders. In: Sadock B.J. Kaplan H.I., Comprehensive Textbook of Psychiatry, 7th Edition. Lippincott, Williams & Williams, NY. 1033-1038 [2763]
231. Hughes J.R., Smoking cessation. New England Journal of Medicine. 341:610-611 [2981]
232. *Hughes J.R., Cummings K.M., Hyland A. Ability of smokers to reduce their smoking and its association with future smoking cessation. Addiction, 94:109-114. [2866]
233. Hughes J.R., Goldstein M., Hurt R., Shiffman S. Adding behavioral therapy to medication for smoking cessation. Journal of the American Medical Association, 281: 1984-1985 [2977]
234. *Hughes J.R., Goldstein M., Hurt R., Shiffman S. Recent advances in the pharmacotherapy of smoking. Journal of the American Medical Association, 281:72-76 [2892]
235. *Hughes J.R., Lesmes G., Hatsukami D., Richmond, R.L., Lichtenstein, E., Jorenby, D.E., Broughton, J., Fortmann, S.P., Leischow, S., McKenna, J., Rennard, S., Wadland, W., Heatley, S. Are higher doses of nicotine replacement more effective for smoking cessation? Nicotine and Tobacco Research, 1:169-174. [2893]
236. *Hughes J.R., Liguori A., Dominick A., MacLaughlin, M. Effect of smoking

John R. Hughes, M.D.

- abstinence on the subjective effects of caffeine. Nicotine and Tobacco Research. 1:229-232 [2933]
237. *Hughes J.R., Stead L.F., Lancaster T., Anxiolytics and antidepressants for smoking cessation 1999 update. In: The Cochrane Library; Issue 4. Oxford, Update Software [3001]
238. *Liguori A., Grass J.A., Hughes J.R. Subjective effects of caffeine among introverts and extroverts in the morning and evening. Experimental and Clinical Psychopharmacology. 7:244-249 [2934]
239. Riggs R., Hughes, J.R. Dying to quit: Why we smoke and how we stop. (Book Review). Oncology Times, 21:72-73 [2991]
240. Stead L.F., Hughes J.R., Lobeline for smoking cessation The Cochrane Library; Issue 4, Oxford, Update Software [3103]

2000

241. *Anderson P., Hughes J.R. Policy interventions to reduce the harm from smoking. Addiction. 95:S9-S11 [3013]
242. Benowitz NL, Dempsey DA, Goldenberg RL, Hughes JR, Mullen PD, Ogburn PL, Oncken CA, Orleans CT, Slotkin TA, Whiteside HP, Yaffe SJ. The use of pharmacotherapies for smoking cessation during pregnancy. Tobacco Control, 9:iii91 – iii94 [3349]
243. *Fagerstrom K.O., Hughes J.R., Rasmussen T., Callas P. Randomised trial investigating effect of a novel nicotine delivery device (Eclipse) and a nicotine oral inhaler on smoking behaviour nicotine and carbon monoxide exposure, and motivation to quit. Tobacco Control. 9:327-333 [3026]
244. Hughes J.R. Commentary on “Nicotine as an addictive substance”, Ferrence R., Slade J., Room R., Pope M., (eds) In: Nicotine and Public Health, American Public Health Association. Washington, p132-133 [2994]
245. Hughes J.R. Forward. In: Piasecki M., Newhouse P. (eds.) Nicotine: in Psychiatry: Psychopathology and Emerging Therapeutics. American Psychiatric Press, Washington. xiii-xvii [2826]

John R. Hughes, M.D.

246. Hughes J.R. New treatments for smoking cessation. Ca - A Cancer Journal for Clinicians. 50:143-151 [2963]
247. *Hughes J.R. Political use of terms, Nicotine and Tobacco Research 2:113 [3259]
248. *Hughes J.R. Reduced smoking: An introduction and review of the evidence. Addiction. 95:S3-S7 [2920]
249. *Hughes J.R., Grass J.A., Pillitteri J.L. Treatment resistant smokers: A pilot study of nicotine nasal spray and inhaler. Journal of Addictive Diseases. 19:95-100 [2960]
250. *Hughes J.R., Liguori A. A critical review of past NIH research funding on tobacco and nicotine. Nicotine and Tobacco Research. 2:117-120 [3025]
251. *Hughes J.R., Oliveto A.H., MacLaughlin M. Is dependence on one drug associated with dependence on other drugs? The cases of alcohol, caffeine and nicotine. American Journal on Addictions. 9:196-201 [2997]
252. *Hughes J.R., Rose G.L., Callas P.W. Do former smokers respond to nicotine differently from never smokers? A pilot study. Nicotine and Tobacco Research. 2:255-262 [2961]
253. *Hughes J.R., Rose G.L., Callas P.W. Nicotine is more reinforcing in smokers with a past history of alcoholism than in smokers without this history. Alcoholism. 24:1633-1638 [2990]
254. Hughes J.R., Stead L.F., Lancaster T., Antidepressants for smoking cessation. 2000 update. The Cochrane Library, Issue 4 Oxford, Update Software [3471]
255. Hughes J.R., Stead L.F., Lancaster T., Anxiolytics for smoking cessation. 2000 update. The Cochrane Library, Issue 4, Oxford, Update Software Reprinted in Evidence-Based Mental Health [3431]
256. *Novy P., Hughes J.R., Callas P. A comparison of recovering alcoholic and non-alcoholic smokers. Drug and Alcohol Dependence 65:17-23 [3024]

2001

John R. Hughes, M.D.

257. *Ad Hoc Working Group on Treatment of Tobacco Dependence. Realignment of the nation's tobacco agenda: The need to treat tobacco dependence. Preventive Medicine 32; 95-100 [3009]
258. *Budney A.J., Hughes J.R., Moore B.A., Novy P.L., Marijuana abstinence effects in marijuana smokers maintained in their home environment. Archives of General Psychiatry 58;917-924 [3445]
259. *Carpenter M.J., Hughes J.R., Solomon L.J., Powell T.A., Smoking in correctional facilities: A survey of employees. Tobacco Control 10; 38-42 [3350]
260. Hughes J.R. A critique of nicotine addiction (book review). Tobacco Control 10; 296 [3508]
261. Hughes J.R., Distinguishing nicotine dependence from smoking: Why it matters to tobacco control and psychiatry Archives of General Psychiatry 58; 817-818 [3463]
262. Hughes J.R. Do "Light" cigarettes undermine cessation? Tobacco Control 10; i41-i42 [3510]
263. Hughes J.R. The effectiveness of over-the-counter nicotine replacement: A rebuttal. Drug and Alcohol Review 20; 319-324 [3465]
264. Hughes J.R., How to encourage your loved ones to stop smoking. Coping with Cancer 15; 24-25 [3485]
265. Hughes J.R., Helping smokers stop: Supporting someone who is trying to quit smoking can be tricky. Coping with Cancer Sept/Oct:30 [3461]
266. *Hughes J.R. Why does smoking so often produce dependence? A somewhat different view. Tobacco Control 10; 62-64 [3413]
267. Hughes J.R., Burns D.M., Impact of medications on smoking cessation. In: Population Based Smoking Cessation: What Works? NCI Monograph No. 12. Rockville, MD, National Institute on Drug Abuse, p155-164 [2929]
268. *Hughes J.R., Riggs R.L., Carpenter M.J., How helpful are drug abuse helplines? Drug and Alcohol Dependence 62;191-194 [3339]

John R. Hughes, M.D.

269. *Riggs R.L., Hughes J.R., Pillitteri J.L., Two behavioral treatments for smoking reduction. A pilot study. Nicotine and Tobacco Research, 3;71-76 [3027]

2002

270. *Fagerstrom K.O., Hughes J.R. Nicotine concentrations with concurrent use of cigarettes and nicotine replacement: A review. Nicotine and Tobacco Research, 4:S73-S79 [3552]
271. *Fagerstrom K.O., Hughes J.R., Callas P.W. Long-term effects of the Eclipse cigarette substitute and the nicotine inhaler in smokers not interested in quitting. Nicotine and Tobacco Research, 4:S141-S145 [3509]
272. Hughes J.R. The ethics of underpowered trials. Journal of the American Medical Association, 288:2118 [3774]
273. Hughes J.R. Is extinction in animals the same as abstinence in humans? Addiction 97;1219-1223 [3604]
274. Hughes J.R. Rigidity in smoking measures. Addiction 97;795-800 [3565]
275. Hughes J.R., Three classics that promoted the scientific study of drug dependence. Addiction, 97:111-112 [3513]
276. Hughes J.R., Stead L.F., Lancaster T. Antidepressants for smoking cessation: 2002 update. The Cochrane Library, Issue 2 Oxford: Update Software [3650]

2003

277. *Budney A., Moore B.A., Vandrey R.G., Hughes J.R. The timecourse and significance of cannabis withdrawal. Journal of Abnormal Psychology, 112:3;393-402 [3663]
278. *Carpenter M.J., Hughes J.R. Effect of smoking reduction on later cessation: A pilot experimental study. Nicotine and Tobacco Research 5:155-162 [3514] (PDF)
279. Hughes J.R. The case for hardening of the target, In: Those Who Continue To Smoke: Is Achieving Abstinence Harder and Do We Need to Change Our

John R. Hughes, M.D.

Interventions? Smoking and Tobacco Control Monograph No. 15. Bethesda, MD: U.S. Department of Health and Human Services, National Institutes of Health, National Cancer Institute [3260]

280. Hughes J.R. Do smokers with current or past alcoholism need different or more intensive treatment. Alcoholism: Clinical and Experimental Studies 26:12;1934-1935 [3643]
281. Hughes J.R. Motivating and helping smokers stop smoking. Journal of General Internal Medicine; 18:1053-1057[3729]
282. Hughes J.R., Brandon T. A softer view of hardening. Nicotine and Tobacco Research; 5:961-962 [3910]
283. *Hughes J.R., Callas P.W., High Dose Study Group. Past alcohol problems do not predict smoking cessation outcomes. Drug and Alcohol Dependence 71:269-273[3592]
284. *Hughes J.R., Keely J., Niaura R., Ossip-Klein D., Richmond R., Swan G., Measures of abstinence in clinical trials: Issues and recommendations Nicotine and Tobacco Research, 5:13-25 [3261]
285. *Hughes J.R., Novy P., Hatsukami D.K., Jensen J., Callas P.W. Efficacy of nicotine patch in smokers with a history of alcoholism. Alcoholism: Clinical and Experimental Studies; 27:946-954 [3728]
286. *Hughes J.R., Shiffman S., Callas P.W., Zhang J. A meta-analysis of the efficacy of over-the-counter nicotine replacement. Tobacco Control 12:21-27 [3660]
287. Hughes J.R., Stead L.F., Lancaster T. Antidepressants for smoking cessation, 2003 update. The Cochrane Library, Issue 2 Oxford, Update Software [3777]
288. *Hyland A., Hughes J.R., Farrelly, M., Cummings K.M., Switching to low-tar cigarettes does not increase nor decrease motivation or ability to stop smoking. Nicotine and Tobacco Research; 5:665-671 [3448]
289. *Shiffman S., Hughes J.R., DiMarino M.E., Sweeney C.T. Patterns of over-the-counter nicotine gum use: Persistent use and concurrent smoking. Addiction; 98:1747-1753 [3779]

John R. Hughes, M.D.

290. *Shiffman S., Hughes J.R., Pillitteri J.L., Burton S. Persistent use of nicotine replacement therapy. An analysis of actual purchase patterns in a population-based sample. Tobacco Control 12:310-316 [3727]
291. Williams J.M., Hughes J.R. Pharmacotherapy treatments for tobacco dependence among smokers with mental illness or addiction. Psychiatric Annals; 33:457-466 [3834]

2004

292. *Budney A.J., Hughes J.R., Moore B.A., Vandrey R. A review of the validity and significance of the cannabis withdrawal syndrome. American Journal of Psychiatry 161: 1967-1977 [4008]
293. *Carpenter M.J., Hughes J.R., Solomon L.J., Callas P.W. Both smoking reduction and motivational advice increase future cessation among smokers not currently planning to quit. Journal of Consulting and Clinical Psychology; 72: 371-381 [3788]
294. *Hughes J.R., Data to estimate the similarity of tobacco research samples to intended populations. Nicotine and Tobacco Research; 6:177-179 [3860]
295. Hughes J.R. Nicotine dependence and WHO mental health surveys. Journal of American Medical Association; 292:1021-1022 [4273]
296. Hughes J.R. Nicotine-related disorders. In: Sadock, B.J., Sadock, V.A., (eds) Kaplan and Sadock's Comprehensive Textbook of Psychiatry 8th Edition, p 1257-1265 [4398]
297. Hughes J.R., Benowitz N., Hatsukamai D., Mermelstein R.J., Shiffman S. Clarification of SRNT Workgroup guidelines for measures in clinical trials of smoking cessation therapies. Nicotine and Tobacco Research; 6:863-864 [4261]
298. Hughes J.R., Fagerstrom K., Callas P., Hirsch J. An empirical analysis of recent European vs North American tobacco research. Nicotine and Tobacco Research; 6:886 [4220]
299. *Hughes J.R., Hecht S.S., Carmella B.S., Murphy S.E., Callas P.W. Smoking behavior and toxin exposure during six weeks use of a potential reduced exposure

John R. Hughes, M.D.

product – Omni. Tobacco Control; 13:175-179 [4025]

300. Hughes J.R. , Keely J.P. The effect of a novel smoking system, Accord, on ongoing smoking and toxin exposure. Nicotine and Tobacco Research, 6: 1021-1028 [3511]
301. *Hughes J.R., Keely J., Naud S. Shape of the relapse curve and long-term abstinence among tobacco self-quitters: A review. Addiction; 99:29-38 [3730]
302. *Hughes J.R., Lindgren P.G., Connett J.E., Nides M.A. Smoking reduction in the Lung Health Study. Nicotine and Tobacco Research; 6:275-280 [3912]
303. *Hughes J.R., Pillitteri J.L., Callas P.W., Calahan R., Keeny M. Misuse of and dependence on over-the-counter nicotine gum in a volunteer sample. Nicotine and Tobacco Research; 6:79-84 [3659]
304. *Hughes J.R., Oliveto A.H., Riggs R., Kenny M., Liguori A., Pillitteri J.L., MacLaughlin M. Concordance of different measures of nicotine dependence: Two pilot studies. Addictive Behaviors 29:1527-1539 [4154]
305. Hughes J.R., Stead L.F., Lancaster T. Antidepressants for smoking cessation. 2004 update. The Cochrane Library, Issue 4. Oxford, Updated Software [4285]
306. Pomerleau O., Hughes J.R. With a little help from our friends. A history of the Society for Research on Nicotine and Tobacco. Nicotine and Tobacco Research; 6: 391-396 [3929]

2005

307. *Carpenter M.J., Hughes J.R., Defining quit attempts: What difference does a day make? Addiction, 100:257-259 [4271]
308. Hughes J.R. Commentary: Nicotine replacement therapy for smoking cessation, International Journal of Epidemiology, 34; 758-761 [4552]
309. Hughes J.R. Is NRT losing its efficacy? eletter for Al-Delaimy, W.K. et al., Tobacco Control, 14:359 <http://tc.bmjournals.com/cgi/eletters/14/5/359-a>
310. *Hughes J.R., Adams E., Maguire M.K., Utman C., Guary J., Franzon M.A. A

John R. Hughes, M.D.

- prospective study of off-label use of, abuse of and dependence on nicotine inhaler. Tobacco Control, 14:49-54 [4155]
311. *Hughes J.R., Carpenter M.J. The feasibility of reduced smoking: An update. Addiction; 100:1074-1089[4127]
312. *Hughes J.R., Keely J.P., Callas P.W. Everusers vs neverusers of a “less-risky”cigarette. Psychology of Addictive Behaviors; 19: 439-442 [4308]
313. *Hughes J.R., Keely J.P., Fagerstrom K.O., Callas P.W. Intentions to quit smoking change over short periods of time. Addictive Behaviors: 30; 653-662 [4053]
314. *Hughes J.R., Stead L., Lancaster T. Nortriptyline for smoking cessation. A review. Nicotine and Tobacco Research, 7: 491-499 [4307]
315. Hughes J.R., Stead L.F., Lancaster T. Review: Bupropion and nortriptyline each increase smoking cessation rates. Evidence Based Medicine 10: June 2005, (www.evidence-basedmedicine.com) [4694]
316. *Hyland A., Levy D., Rezaishiraz H., Hughes J.R., Bauer J.E., Giovino G.A., Cummings K.M. Reduction in amount smoked predicts future cessation. Psychology of Addictive Behaviors 19: 221-225 [3958]
317. *Vandrey R.G., Budney A.J., Moore B.A., Hughes J.R. A cross-study comparison of cannabis and tobacco withdrawal. American Journal on Addictions, 14:54-63 [3930]

2006

318. Budney A.J., Hughes J.R. The cannabis withdrawal syndrome. Current Opinion, 19: 233-238 [4647]
319. *Etter J.F., Hughes J.R. A comparison of the psychometric properties of three cigarette withdrawal scales. Addiction 101:362-372 [4766]
320. *Hughes J.R. Clinical significance of tobacco withdrawal. Nicotine and Tobacco Research, 8: 153-156 [4575]
321. Hughes J.R. Mechanism of a decision aid for smoking cessation treatment.

John R. Hughes, M.D.

Addiction 101: 1362 [4720]

322. *Hughes J.R., Helzer J.E., Lindberg, S.A. Prevalence of DSM/ICD-defined nicotine dependence. Drug and Alcohol Dependence 85: 91-102 [4648]
323. Hughes J.R. Reduction as prelude to cessation. Tobacco Control eLetter for Gilpin et al 15 (4): 308 <http://tc.bmjournals.com/cgi/eletters/15/4/308> [4759]
324. *Hughes J.R. Should criteria for drug dependence differ across drugs? Addiction 101; (Supp 1): 134-141[4397]
325. Hughes J.R. Stopping smoking. Carpe diem? Tobacco Control 15: 415-416 [4719]
326. *Hughes J.R., Callas P.W. Errors in interpreting abstinence curves in studies of smoking cessation. Nicotine and Tobacco Research, 8: 7-12 [4052]
327. *Hughes J.R., Carpenter M.J., Does smoking reduction increase future cessation and disease risk: A qualitative review. Nicotine and Tobacco Research 8: 739-749 [4624]
328. *Hughes J.R., Kalman D. Do smokers with current or past alcohol problems have more difficulty quitting? Drug and Alcohol Dependence 82: 92-102_ [4448]

2007

329. *Budney A.J., Vandrey R.G., Hughes J.R., Moore B.A., Bahrenburg B. Oral delta-9 THC suppresses cannabis withdrawal symptoms. Drug and Alcohol Dependence 86:22-29 [4623]
330. Hughes, J.R. Defining dependence: Describing symptom clusters versus central constructs. Addiction 102:1531-1532 [4968]
331. *Hughes J.R. Depression during tobacco abstinence. Nicotine and Tobacco Research 9:443-446 [4649]
332. *Hughes J.R. Effects of abstinence from tobacco: Etiology, animal models, epidemiology and clinical significance: A qualitative review. Nicotine and Tobacco Research 9:329-339 [4512]

John R. Hughes, M.D.

333. *Hughes J.R. Effects of abstinence from tobacco: Valid symptoms and time course: A qualitative review. Nicotine and Tobacco Research 9:315-327 [4513]
334. *Hughes J.R. Measurement of effects of abstinence from tobacco. A qualitative review. Psychology of Addictive Behaviors 21:127-137 [4592].
335. Hughes J.R. Reduction increases quitting. Tobacco Control eLetter for Tverdal and Bjartveit 15:472. <http://tc.bmj.com/cgi/eletters/15/6/472> [4869]
336. *Hughes J.R. Smokers who choose gradual vs. abrupt cessation. Addiction 102: 1126-1127 [4969]
337. Hughes J.R. Tobacco control funding vs. scientific evidence. American Journal of Preventive Medicine 32:449 [4834]
338. Hughes J.R., Tobacco treatment specialists: A new profession. Journal of Smoking Cessation 2:52-7. [5089]
339. *Hughes J.R., Callas P.W., Peters E.N. Interest in gradual cessation. Nicotine and Tobacco Research 9:671-675 [4607]
340. *Peters E.N., Hughes J.R., Callas P.W., Solomon L.J. Goals indicate motivation to quit smoking. Addiction 102: 1158-1163 [4829]
341. *Shiffman S., Hughes J.R., Ferguson S.G., Pillitteri J.L., Gitchell J.G., Burton S.L., Smokers' interest in using nicotine replacement to aid smoking reduction. Nicotine and Tobacco Research 11: 1177-1182 [4718]

2008

342. *Budney A.J., Vandrey R.G., Hughes J.R., Thostenson J.D., Bursac Z. Comparison of cannabis and tobacco withdrawal: Severity and contribution to relapse. Journal of Substance Abuse Treatment, 35:362-368 [4920] PMC4345250
343. *Fagerstrom K., Hughes J.R. Varenicline in the treatment of tobacco dependence. Neuropsychiatric Disease and Treatment 4:1-11 [5049] PMC2518383
344. *Hughes, J.R., An algorithm for choosing among smoking cessation treatments. Journal of Substance Abuse Treatment 34:426-432 [4896] PMC2424129

John R. Hughes, M.D.

345. Hughes J.R., Significance of off-label use of NRT. Addiction 103:1704-1705. [5186] PMC2782787
346. *Hughes J.R., Smoking and suicide: A brief overview. Drug and Alcohol Dependence 198:169-178. [5043] PMC2585177
347. Hughes J.R., Treatment regulation in promoting tobacco control. Journal of the American Medical Association 299:763. [5046]
348. *Hughes J.R., Peters E.N., Callas P.W., Budney A.J., Livingston A.E., Attempts to stop or reduce marijuana in non-treatment seekers. Drug and Alcohol Dependence 97:180-184 [5081] PMC2556038
349. *Hughes J.R., Peters E.N., Naud S., Relapse to smoking after 1 year of abstinence; a meta-analysis. Addictive Behaviors 33:1516-1520. [5188] PMC2577779
350. Hughes J.R., Shiffman, S. Conceptualizations of nicotine dependence: A response to DiFranza, Nicotine and Tobacco Research, 10:1811-1812. [5292]
351. *Vandrey R., Budney A.J., Hughes J.R., Liguori A. A within-subject comparison of withdrawal symptoms during abstinence from cannabis, tobacco, and both substances simultaneously. Drug and Alcohol Dependence 92:48-54 [4830] PMC 2214670

2009

352. *Hughes, J.R., Ethical concerns about non-active conditions in smoking cessation trials and methods to decrease such concerns. Drug and Alcohol Dependence 100:187-193. [5457] PMC2656110
353. *Hughes, J.R., How confident should we be that smoking cessation treatments work? Addiction. 104: 1637-1640. [5291] PMC2888616
354. Hughes, J.R. Mental disorders and smoking: Correlation is not causation. Tobacco Control. <http://tobaccocontrol.bmj.com/cgi/eletters/17/5/347> [5297]
355. Hughes J.R., Nicotine-related disorders. In: Sadock B.J., Sadock V.A., Ruiz P. (eds) Kaplan and Sadock's Comprehensive Textbook of Psychiatry, 9th Edition,

John R. Hughes, M.D.

New York, Lippincott Williams & Wilkins: 1353-1360. [5082]

356. *Hughes, J.R., Smokers' beliefs about the inability to stop smoking Addictive Behaviors. 2009, 34, 1005-1009 [5353] PMC2741633
357. *Hughes J.R., Cohen, B., Callas, P.W., Treatment seeking for smoking cessation among young adults. Journal of Substance Abuse Treatment. 37:211-213. [5187] PMC2749978
358. *Hughes J.R., Marcy T.W., Naud S., Interest in treatments to stop smoking. Journal of Substance Abuse Treatment. 36:18-24. [4705] PMC2635950
359. Hughes J.R., Stead L.F., Lancaster T., Antidepressants for smoking cessation. Cochrane Database of Systematic Reviews (www.cochrane.org) [4831]
360. *Hughes J.R., Weiss R.D., Are differences in the guidelines for the treatment of nicotine dependence and non-nicotine dependence justified? Addiction. 104: 1951-1957. [5189] PMC3127200
361. *Peters E.N., Hughes J.R. The day-to-day process of stopping or reducing smoking: A prospective study of self-changers. Nicotine and Tobacco Research. 11:1083-1092. [5293] PMC2725010
362. *Shiffman, S. & Hughes, J.R., Improving on the proven: Increased efficacy and reach with innovations in use of therapeutic nicotine [online]. Journal of Smoking Cessation, 4:S1
<http://search.informit.com.au/documentSummary;dn=533202087138672;res=IELH EA> [5398]
363. *Solomon, LJ, Hughes JR, Livingston A, Naud S, Callas, PW, Peters EN, Kamon J, Etter J-F, Cognitive barriers to calling a smoking quit line Nicotine and Tobacco Research. 11:1339-1346. [5354] PMC2762932

2010

364. *Callas, PW, Solomon LJ, Hughes, JR, Livingston AE. The influence of response mode on study results: Offering cigarette smokers a choice of postal or online completion of a survey. Journal of Medical Internet Research , 12:e46. [5411] PMC3056529

John R. Hughes, M.D.

365. *Hughes, JR. A quantitative estimate of the clinical significance of treating tobacco dependence. American Journal of Preventive Medicine, 39:285-286. [5451] PMC2945209
366. Hughes, JR. (2010). An update on NIH funding for tobacco. SRNT Newsletter, 16. [5572]
367. *Hughes, J.R., Craving among long-abstinent smokers. Nicotine & Tobacco Research, 12:459-462. [5428] PMC2902924
368. * Hughes, J.R., Data to assess the generalizability of samples from studies of adult smokers. Nicotine and Tobacco Research, 12:73-76. [5400] PMC2802570
369. *Hughes, JR., Callas, P.W., Definition of a quit attempt: A replication test. Nicotine & Tobacco Research, 12:1176-1179. [5512] PMC2964925
370. *Hughes, J.R., Carpenter, M., & Naud, S. Do point prevalence and prolonged abstinence measures produce similar results in smoking cessation studies? A systematic review. Nicotine & Tobacco Research, 12:756-762. [5453] PMC2893294
371. Hughes, JR, Schnoll, R. Updates and tips on grant applications to NIH. SRNT Newsletter, 16:9-10. [5621]
372. * Hughes, J.R., Solomon LJ, Livingston AE, Callas PW, Peters EN. A randomized, controlled trial of NRT-aided gradual vs abrupt cessation in smokers actively trying to quit. Drug and Alcohol Dependence, 111:105-113. [5364] PMC2930079
373. * Hughes, J.R., Suiter C, Marcy T. Use and outcomes of a state-funded in-person counseling program. Tobacco Control, 19:260. [5401] PMC3280098
374. Lindson, N., Aveyard, P., Hughes, J.R., Reduction versus abrupt cessation in smokers who want to quit. Cochrane Database of Systematic Reviews 2010, Issue 3. [5540]
375. *Peters, EN, Hughes, J.R., Daily marijuana users with past alcohol problems increase alcohol consumption during marijuana abstinence. Drug and Alcohol Dependence, 106, 111-118. [5359]
376. *Tonstad S, Davies S, Flammer M, Russ C, Hughes J.R., Psychiatric adverse

events in randomized, double-blind, placebo-controlled clinical trials of varenicline: a pooled analysis. Drug Safety. 33:289-301. [5345]

2011

377. * Carpenter, M., Hughes, J.R., Gray, K., Wahlquist, A., Saladin, M., & Alberg, A. Nicotine therapy sampling to induce quit attempts among smokers unmotivated to quit: A randomized clinical trial. Archives of Internal Medicine, 171:1901-1907. [5689] PMC3372898
378. *Hughes, JR, The hardening hypothesis: Is the ability to quit decreasing due to increasing nicotine dependence? Drug and Alcohol Dependence, 117:111-117. [5633] PMC3133840
379. *Hughes, JR., Baker, T., Breslau, N., & Covey, L. S. Applicability of DSM criteria to nicotine dependence. Addiction, 106:894-895. [5587].
380. *Hughes, J.R., & Callas, P. Is delaying a quit attempt associated with less success? Nicotine & Tobacco Research, 13:1228-1232. [5652]. PMC3223584
381. *Hughes, JR., Peters, E., & Naud, S. Effectiveness of over-the-counter nicotine replacement therapy: A qualitative review. Nicotine & Tobacco Research, 13:512-522. [5605] PMC3129240
382. * Hughes, JR, Rennard, S., Fingar, J., Talbott, S., & Fagerstrom, K. Efficacy of varenicline to prompt quit attempts in smokers not currently trying to quit: A randomized placebo-controlled trial. Nicotine & Tobacco Research, 13:955-964. [5604]
383. * Hughes JR, Russ C, Arteaga C, Rennard S. Efficacy of a flexible quit date vs a priori quit date approach to smoking cessation: A cross-study analysis. Addictive Behaviors, 36:1288-1291. [5651] PMC3218639
384. *Kaminsky, D, Marcy, T, Dorwaldt, A, Pinckney, R, Sarno, M, Solomon, L, Hughes, JR. Motivating patients to quit smoking by use of the Lung Age Concept. Nicotine & Tobacco Research, 13:1161-1166. [5622] PMC3203132
385. *Zapawa L.M., Hughes J.R., Benowitz N.L., Rigotti N.A., Shiffman S. Cautions and warnings on the US OTC label for nicotine replacement: What's a doctor to do? Addictive Behaviors. 36:327-332. [4588]

2012

386. * Donovan, D., Bigelow, G., Brigham, G., Carroll, K., Cohen, A., Gardin, J. et al. Primary outcome indices in illicit drug dependence treatment research: systematic approach to selection and measurement of drug use in clinical trials. Addiction. 107(4):694-708. [5603] PMC3537825
387. * Fagerstrom, K., Rutqvist, L., & Hughes, J.R. (2011). Snus as a smoking cessation aid: A randomised, placebo-controlled trial. Nicotine & Tobacco Research. 14:306-312. [5668]. PMC21994343
388. *Hughes, J.R. Use of nicotine replacement after a smoking lapse. Nicotine & Tobacco Research, 14:751-754. [5664]. PMC21908459
389. Hughes, J.R. Nicotine replacement therapy. In C. Els, D. Kynnyk & P. Selby (Eds.), *Disease interrupted: Tobacco reduction and cessation* (pp. 133-150). Charleston, SC: CreateSpace. [5739].
390. *Hughes, J.R., Cummings, K.M., Foulds, J., Shiffman, S., West, R. Effectiveness of nicotine replacement therapy—A rebuttal. Addiction, 107:1527-1529. [5752] PMC22703451
391. * Rennard, S., Hughes, JR., Cincirpini, P., Kralikova, E., Raupach, T., Arteaga, C. et al. A randomized, placebo-controlled trial of varenicline for smoking cessation allowing flexible quit dates. Nicotine & Tobacco Research. 14:343-350. [5606]. PMC3281242.
392. Stead, L.F., Hughes, J.R. Lobeline for smoking cessation. Cochrane Database of Systematic Reviews, Issue 2. PMC22336780 [5751]

2013

393. *Budney, A.J., Brown, P.C., Griffiths, R.R., Hughes, J.R., Juliano, L.M. Caffeine withdrawal and dependence: A convenience survey among addiction professionals. Addiction, 3: 67-71 [5766]. PMC24761276.
394. * Etter, J., Ussher, M., & Hughes, J.R. A test of proposed new tobacco withdrawal symptoms. Addiction, 108:50-59 [5673]. PMC22702228.

John R. Hughes, M.D.

395. *Foulds, J., Russ, C., Yu, C.R., Zou, K.H., Galaznik, A., Franzon, M., Berg, A., & Hughes, J.R. Effect of varenicline on individual nicotine withdrawal symptoms: A combined analysis of eight randomized placebo-controlled trials. Nicotine & Tobacco Research, 15: 1849-1857. [5782]. PMC23694782.
396. Heckman, B.W., Blank, M.D., Peters, E.N., Patrick, M.E., Bloom, E.L., Mathew, A.R., Schweizer, C.A., Rass, O., Lidgard, A.L., Zale, E.L., Cook, J.W., Hughes, J.R., SRNT Trainee Network Advisory Board. Developing tomorrow's tobacco scientists, today: The SRNT trainee network. Nicotine & Tobacco Research, 15 [5773].
397. *Hughes, J.R. Nicotine don't get no respect: A replication test. Nicotine & Tobacco Research, 15: 588-590 [5665]. PMC22855884.
398. *Hughes, J.R. An updated algorithm for choosing among smoking cessation treatments. Journal of Substance Abuse Treatment, 45: 215-221 [5767]. PMC23518288.
399. *Hughes, J.R., Solomon, L., Fingar, J.R., Naud, S., Helzer, J.E., & Callas, P.W. The natural history of efforts to stop smoking: A prospective cohort study. Drug and Alcohol Dependence, 128: 171-174 [5753]. PMC22939878.
400. *Lindson-Hawley N, Aveyard P, Hughes J. Gradual reduction vs abrupt cessation as a smoking cessation strategy in smokers who want to quit. Journal of American Medical Association, 310: 91-92 [5808]. PMC23821093
401. *Meredith, S.E., Juliano, L.M., Hughes, J.R., Griffiths, R.R. Caffeine use disorder: A comprehensive review and research agenda. Journal of Caffeine Research, 3: 114-130 [5911]. PMC24761279.
402. *Striley, C.W., Hughes, J.R., Griffiths, R.R., Juliano, L.M., Budney, A.J. A critical examination of the caffeine provisions in the Diagnostic and Statistical manual, 5th edition (DSM-5). Journal of Caffeine Research, 3: 101-107 [5910].
403. *Wolff, F., Hughes, J.R., Woods, S. New terminology for the treatment of tobacco dependence: A proposal for debate. Journal of Smoking Cessation, 8: 71-75. [5831].

2014

John R. Hughes, M.D.

404. *Hughes, J.R. Methods to motivate smokers to make a quit attempt. Prevenccion del Tabaquismo, 16:238-242 [6148]
405. *Hughes J.R., Fingar, J.R., Budney, A.J., Naud, S., Helzer, J.E., Callas, P.W. Marijuana use and intoxication among daily users: An intensive longitudinal study. Addictive Behaviors, 39: 1464-1470. [5997] PMC4101026
406. *Hughes, J.R., Russ, C., Messig, M.A. Association of deferring a quit attempt with smoking cessation success: A secondary analysis. Journal of Substance Abuse Treatment, 46: 264-267. [5781].
407. * Hughes, J., Solomon, L., Naud, S., Fingar, J., Helzer, J., Callas, P. Natural history of attempts to stop smoking. Nicotine & Tobacco Research, 16:1190-1198. [5975] PMC3546266
408. *Hughes, J., Stead, L., Hartmann-Boyce, J., & Lancaster, T. Antidepressants for smoking cessation. Cochrane Database of Systematic Reviews (www.cochrane.org). [5933]
409. *Lee, D., Budney, A., Brunette, M.F., Hughes, J.R., Etter, J.F., Stanger, C. Treatment models for targeting tobacco use during treatment for cannabis use disorder. Addictive Behaviors, 39:1224-1230. [5977] PMC4066896

2015

410. *Ebbert JO, Hughes JR, West RJ. Varenicline for smoking reduction prior to cessation--reply. JAMA, 313(22): 2285-6. [6230]
411. *Ebbert, J.O., Hughes, J.R., West, R.J., Rennard, S.I., Russ, C., McRae, T.D., Treadow, J., Yu, C.R., Dutro, M.P., Park, P.W. Effect of varenicline on smoking cessation through smoking reduction: A randomized clinical trial. JAMA, 313:687-694. [3401]. (See also JAMA 313: 2285-2286) PMC4883651
412. *Hughes, J.R., Callas, P., Dash, M. Is impulsivity a symptom of initial tobacco withdrawal: A meta-analysis and qualitative systematic review. Nicotine and Tobacco Research, 17:503-509. [6105]
413. *Hughes, J.R., Naud, S., Fingar, J., Callas, P.W., Solomon, L. Do environmental

cues prompt attempts to stop smoking? A prospective natural history study. Drug and Alcohol Dependence, 154: 146-151. [3352]. PMC4540219

414. *Klemperer, E.M, Hughes, J.R., Does the magnitude of reduction in cigarettes per day predict smoking cessation? A qualitative review. Nicotine & Tobacco Research, 18:88-92. [3400]
415. *Lee, D.C., Budney, A.J., Brunette, M.F., Hughes, J.R., Etter, J.F., Stanger, C. Outcomes from an intervention for tobacco use during treatment for Cannabis Use Disorder. Drug and Alcohol Dependence, 155:134-140. [6208].
416. *Walton, K.M., Abrams, D.B., Bailey, W.C., Clark, D., Connolly, G.N., Djordjevic, M.V., Durmowicz, E., Eissenberg, T.E., Fiore, M.C., Goniewicz, M.L., Haverkos, L., Hecht, S.S., Henningfield, J.E., Hughes, J.R., Oncken, C.A., Postow, L., Rose, J.E., Wanke, K.L., Watson, C.H. Yang, L., Hatsukami, D.K. NIH electronic cigarette workshop: Developing a research agenda. Nicotine & Tobacco Research, 17:259-269. [6104] PMC4311173

2016

417. *Fagerstrom, K., Hughes, J.R. Why not publish all research that passes review? Addiction, 111, 939-940. Correction Addiction 111:311 [6246]. PMC27060582
418. *Hughes, J.R. National Institutes of Health funding for tobacco vs harm from tobacco. Nicotine & Tobacco Research, 18:2, 1299-1302. [6186]. PMC26092969
419. *Hughes, J.R. Varenicline as a cause of suicidal outcomes. Nicotine & Tobacco Research, 18, 2-9. [6106]. PMC25572451
420. Hughes, JR, Klemperer E. Gradual vs abrupt cessation. Annals of Internal Medicine 165(10), 741. [6317]. PMC27842403
421. *Hughes, J.R., Naud, S. Abstinence expectancies and quit attempts. Addictive Behavior, 63, 93-96 [6302]. PMC4993664
422. *Hughes, J.R., Naud, S. Perceived role of motivation and self-efficacy on smoking cessation: A secondary data analyses. Addictive Behavior, 61, 58-61, [6298]. PMC2973332

John R. Hughes, M.D.

423. *Hughes, J.R., Naud, S., Budney, A.J., Fingar, J.R., Callas, P.W. Environmental cues and attempts to change in daily cannabis users. Drug and Alcohol Dependence, 161, 15-20. [6209]. PMC4792644
424. *Hughes, J.R., Naud, S., Budney, A.J., Fingar, J.R., Callas, P.W. Attempts to stop or reduce daily cannabis use: An intensive natural history study. Psychology of Addictive Behaviors, 30, 389-397, [6207]. PMC4877269
425. *Klemperer, EM, Fagerstrom, KO, Hughes, JR. Abrupt versus gradual smoking cessation with pre-cessation nicotine replacement therapy for cigarette smokers motivated to quit. Annals of Translational Medicine. 4:384. [6376]. PMC5075863
426. Klemperer, EM, Hughes, JR. After pre-cessation nicotine replacement therapy, abrupt cessation increases abstinence more than gradual cessation in smokers. Evidence Based Medicine. 21, 174. [6375]. PMC27516374
427. *Klemperer, EM, Hughes JR, Solomon, LJ, Callas, PW, Fingar, JR. Motivational, reduction, and usual care interventions for smokers who are not ready to quit: A randomized controlled trial. Addiction 112: 146-155 [6318]
428. *Rodu, B., Plurphanswat, N., Hughes, JR, Fagerstrom, K. Associations of proposed warning labels for snus with perceptions and behavioral intentions among tobacco users and non-users. Nicotine & Tobacco Research, 18, 801-808 [3576]. PMC26253616

2017

429. * Higgins S, Heil S, Sigmon S et al. Addiction potential of cigarettes with reduced nicotine content in populations with psychiatric disorders and other vulnerabilities to tobacco addiction. JAMA Psychiatry. 74: 1056-1064 [6525]
430. Hughes, J.R. Nicotine replacement therapy. In C. Els, D. Kynnyk & P. Selby (Eds.), *Disease Interrupted: Tobacco Reduction and Cessation* (pp. 175-198). Center for Addiction and Mental Health, Ontario, Canada [5739]
431. *Hughes, JR, Budney, AJ, Muellers, SR, Lee, DC, Callas, PW, Sigmon, SC, Fingar, JR, Priest, J. Does tobacco abstinence decrease reward sensitivity? A human laboratory test. Nicotine & Tobacco Research, 19:677-685. [6278].

John R. Hughes, M.D.

432. *Hughes, JR, Callas, PW, Priest, JS, Etter, JF, Budney, AJ, Sigmon, SC. Development of a self-report measure of reward sensitivity: A test in current and former smokers. Nicotine & Tobacco Research, 19: 723-728. [6372].
433. *Hughes, JR, Fanshawe, TR. Is nicotine replacement really ineffective? A reply to Stanley and Massey. Journal of Clinical Epidemiology, 81: 143-144. [6373]
434. *Hughes JR, Naud S, Shiffman S, Peters E. Day to day variability in self-reported cigarettes per day. Nicotine & Tobacco Research. 19: 1107-1111 [6385]
435. Hughes JR, Solomon LJ, Peasley-Miklus CE. Callas PW, Fingar JR. Effectiveness of continuing nicotine replacement after a lapse: A randomized trial. Addictive Behavior. 76: 68-81 [6557]
436. Klemperer EM, Hughes JR. Commentary on Wu et al (2017): Do very brief reduction interventions increase quitting among smokers not ready to quit? Addiction. 112: 2041-2042 [6560]
437. *Klemperer EM, Hughes JR, Callas PW, Solomon LJ. Working alliance and empathy as mediators of brief telephone counseling for cigarette smokers who are not ready to quit. Psychology of Addictive Behaviors, 31(1): 130-135 [6436]
438. *Klemperer, EM, Hughes, JR, Callas, PW, Solomon, LJ. A mediation analysis of motivational, reduction, and usual care interventions for smokers who are not ready to quit. Nicotine & Tobacco Research. 19: 916-921 [6363].

Epub Ahead of Print

Submitted

439. *Hughes JR. Dependence on electronic cigarettes: A systematic qualitative review. Preventive Medicine [6599]
440. *Hughes JR, Naud S, Budney AJ, Lee DC, Auty SG. Psychometrics of the Marijuana Problem Scale. American Journal of Addiction. [6449]
441. Higgins ST, Bergeria CL, Davis DR, Streck JM, Villanti AC, Hughes JR, Sigmon SC, Tidey JW, Heil SH, Gaalema DE, Stitzer ML, Priest JS, Skelly JM, Reed DD, Bunn JY, Tromblee MA, Arger CA, Miller ME. Response to Reduced Nicotine Content Cigarettes Among

John R. Hughes, M.D.

Smokers Differing in Tobacco Dependence Severity. Preventive Medicine [6600]

442. *Hughes JR, Callas PW Prevalence of withdrawal symptoms from electronic cigarette cessation: A cross sectional analysis of the Population Assessment of Tobacco and Health survey. Addictive Behaviors [6601]
443. *Klemperer EM, Hughes JR, Naud S. Reduction in cigarettes per day prospectively predicts making a quit attempt: A fine-grained secondary analysis of a natural history study. Nicotine and Tobacco Research [6559]

GRANTS

Present Grants

Primary Investigator, NCI, Does Abstinence from Electronic Cigarettes Produce Withdrawal Symptoms? 9/15 – 8/18

Co-Principal Investigator (Higgins, PI), NIDA, Vermont Center on Tobacco Regulatory Science, 9/13-8/18

Investigator (Kirshenbaum PI), NIDA, An Experimental Evaluation of E-Cigarettes in Young Adults, 8/17-7/20

Faculty (Higgins, PI), NIDA, Training in Behavioral Pharmacology of Human Drug Dependence, 9/90 – 6/21

Consultant , (Rigotti/Evins PI) NIDA Career Development Program in Substance Use and Addiction Medicine, 9/17-7/22

Chair, Data and Safety Monitoring Board (Foulds, PI), NIDA, Penn State Center for Tobacco Regulatory Science, 9/13 – 8/18

Chair, Data and Safety Monitoring Board (Shiffman, PI) NIDA, The Effect of Very-Low Nicotine Content Cigarettes on Smoking in Non-Daily Smokers, 12/13 – 12/17

Chair, Data and Safety Monitoring Board (Primak, PI) NIDA, Cessation in Non-Daily Smokers: a RCT of NRT with Ecological Momentary Assessment 9/13-6/19

John R. Hughes, M.D.

Pending Grants

Primary Investigator (Hughes) NCI, Pharmacological Specificity of Electronic Cigarette Withdrawal, 7/18-6/21

Primary Investigator (Hughes), NCI, Dual Use of Electronic and Tobacco Cigarettes: An Intensive Observational Study, 7/18-6/21

Investigator, (Peters, PI) NIDA, An Experimental Test of Drug Substitution in Adult Co-Users of Marijuana and Tobacco, 4/18-3/21

Investigator (Budney, PI) NIDA, Leveraging Social Media to Characterize Cannabis Use and Develop Sensitive Outcome Measure, 4/18-3/21

Investigator (Higgins, PI), NIDA, University of Vermont Tobacco Center of Regulatory Science, 9/18-8/23

Past Grants

Primary Investigator

NCI, A Test of Two Clinical Methods to Prompt a Quit Attempt Among Tobacco Smokers, 9/12-5/17

NIDA, Does Smoking Cessation Cause Anhedonia: A Test of Pre-Clinical Findings, 8/11-8/17

NCI, Treatment for Smoking Lapses and Relapses, 9/1/12-10/31/16

NIDA, Attempts to Stop/Reduce Marijuana Among Dependent Users, 9/08 – 2/14

NIDA, Natural History of Attempts to Stop Smoking, 9/08 – 12/12

Pfizer Pharmaceuticals, Efficacy of Varenicline in Ambivalent Smokers, 01/08-12/10

NIDA, Research on Tobacco and Marijuana Cessation and Reduction, (Senior Scientist Award) 09/05 – 08/10

NIDA, Internal Barriers to Seeking Smoking Cessation Treatment, 07/05 – 06/09, R01DA017825

NIDA, Gradual vs. Abrupt Cessation Treatment for Smoking Cessation, 7/04 – 6/09, R01DA011557

NIDA, Nicotine Dependence and Tobacco Use Research (Senior Scientist Award) 9/00 – 8/05

McNeil Pharmaceuticals, A Post-Marketing Study of Use Patterns of the Nicotrol Inhaler, 1/00 – 6/01

John R. Hughes, M.D.

NIDA, Evaluation of a Cigarette Substitute, 06/99 – 11/03, R01DA011935
NIDA, Reduced Smoking to Prompt Cessation, 9/98 - 7/04, R01DA011557
Pinney Associates, Measuring Smoke Exposure and Nicotine Dependence, 3/98 - 12/99
Pharmacia & Upjohn/Smith Klein Beecham Healthcare, Use of Nicotine Gum to Reduce Smoking, 2/97 - 2/98.
McNeil Consumer, An open-label, pilot study to Evaluate the Tolerability of Nicotrol Inhaler as an Aid to Smoking Cessation, 10/96 - 5/98
ALZA, Long-term follow-up of a Placebo-Controlled Study Assessing the Safety and Relative Efficacy of High Dose Nicoderm, 10/96 - 5/98.
McNeil/Pharmacia & Upjohn, A Phase IV Study of Abuse of & Dependence on Nicotine Nasal Spray, 10/96 - 4/98.
McNeil Consumer, An Open-label, Pilot Study to Evaluate the Tolerability of Nicotrol Nasal Spray as an Aid to Smoking Cessation, 1/96 - 5/97.
NIAAA, Smoking Cessation in Recovering Alcoholics, 9/94 - 8/99.
Marion Merrell Dow, A Test of the Abuse Liability of Nicorette, 6/94-5/98.
Vermont Lung Association, Smoking Cessation in Low SES Smokers Using a Transdermal Nicotine Delivery System With and Without Counseling, 11/93 - 5/94
DynaGen, Phase III Study of NicErase for Smoking Cessation, 12/92 - 4/93
NIDA, Nicotine and Caffeine Studies (Research Scientist Development Award - Level II), 8/90 - 7/00
ALZA Corporation, Effect of Transdermal Nicotine on Tobacco Withdrawal, 11/89 - 6/92
ALZA Corporation, A Placebo-Controlled Study Assessing the Safety and Relative Efficacy of Two Delivery Rates of a New Transdermal Nicotine System, 11/89 - 6/91
NIDA, Caffeine as a Reinforcer in Humans, 8/88 - 7/92, 5/93 - 5/97
NHLBI, Tobacco Withdrawal and Smoking Relapse, 6/87 - 6/91
Research Scientist Development Award (Level 1), NIDA, Smoking as a Dependence Process, 9/85 - 8/90
Merrell Dow Research Institute, Effect of Lofexidine on the Tobacco Withdrawal Syndrome: A Dose-Response Study, 4/85 - 7/85
NIDA, Self-Administration of Nicotine Gum, 7/84 - 3/89
Merrell Dow Pharmaceuticals, Effects of Nicotine Chewing Gum on the Signs and Symptoms of the Tobacco Withdrawal Syndrome, 3/82 - 9/82

Investigator

A Novel Treatment to Boost Quit Attempts and Cessation Among Unmotivated Smokers. (M Carpenter, PI) 09/07-05/11
CSAT, Expanding Effective Adolescent Treatment in Vermont. (Alan Budney, PI) 10/04 –

John R. Hughes, M.D.

09/06

Sanofi-Synthelabo, Comparison of the Efficacy and Safety of Two Oral Doses of Rimonabant vs Placebo as an Aid to Maintenance of Smoking Cessation, 1 Year Treatment, 1 Year Follow Up, (Alan Budney, PI), 4/03 – 10/06

NIDA, Behavioral Treatment of Adolescent Marijuana Abuse, (Alan Budney, PI) 05/02-04/06.

NIDA, Clinical Significance of Marijuana Withdrawal, 12/99 – 06/09

NIDA, Behavioral Treatment for Cocaine Dependence Treatment, 9/94 - 8/99

NIDA, Benzodiazepine Drug Discrimination in Humans, 3/93 - 2/98.

NIDA, Factors Influencing Human Cocaine Self-Administration, 2/93 - 1/96

NIDA, Behavioral Economics of Drug Choice, (Warren Bickel, P.I.) 12/90 - 11/02.

NIDA, Buprenorphine Pharmacology Related To Addiction Treatment, 9/90 - 8/95.

NIDA, Behavioral Treatment of IV Cocaine Dependence, 9/89 - 9/94

Merrell-Dow Research Institute, The Effects of Smoking Cessation and Nicotine Gum on Cognitive Performance, 6/89 - 9/90

Merrell Dow Research Institute, A Multicenter Evaluation of the Safety and Efficacy of Nicorette 4 mg as a Smoking Cessation Aid in Highly Dependent Smokers, 1/89 - 9/90

NIDA, Stimulant-Alcohol Interactions in Humans, 7/87 - 6/93

NIDA, Drug Effects on Social Interactions, 9/87 - 8/90

NIDA, Drug Effects on Repeated Acquisition in Humans, 9/87 - 8/90

NIAAA, Alcohol and Cigarette Interactions, 12/86 - 1/90

NCI, Prompting Smoking Cessation in General Practice, 9/86 - 9/88

NCI, Smoking Cessation Delivered in Physicians' Offices, 7/84 - 4/85

NIDA, Topographical Analysis of Smoking Behavior, 7/83 - 4/85

NIDA, Nicotine Withdrawal and Smoking Treatment Outcome, 7/81 - 4/85

Other Roles

Site Coordinator, NIAAA, Addictions Training Center of New England, 12/93 - 11/96.

Field Site Coordinator, NIMH, DSM-IV Field Trial Program Projects, Substance Abuse Field Trial, 6/90 - 5/93.

Supervisor, Minnesota Medical Foundation grant for medical student research, An Objective Measure of Anhedonia, 9/82 - 12/82

Research Fellow, NHLBI, Training Grant in Behavioral Aspects of Cardiovascular Disease, 7/79 - 6/81