

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

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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

John R. Hughes, M.D.

Composite International Diagnostic Interview - Substance Abuse Module (CIDI-SAM), the Addiction Severity Index (ASI) and the Schedule for 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, 2013

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

2012-present Associate Director, VT Tobacco Center on Tobacco Regulatory Science

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

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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

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

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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

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

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public in VT, US, Europe, Asia, Latin America Oceania, 1985 - present.

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

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Treasurer, Association for the Treatment of Tobacco Use and Dependence, 2003-2006
Founder, Journal Club, Association for the Treatment of Tobacco Use and Dependence,
2010 to present
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,

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1990 - 1994; Medical Consultant, 1994 - 2000
Cost Center Director, Human Behavioral Pharmacology Unit, Dept of Psychiatry, 1992 - 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

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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

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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

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

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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 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

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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, 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 non NIH 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

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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, 2009-2017 State of Vermont, New Directions Program, 1998; State of Vermont, Tobacco Evaluation and Review Board, 2000-2003; Robert Wood Johnson Substance Abuse Policy Program, 2005-2008; Robert Wood Johnson Smoke Free Families, 2000; Veterans Administration 1986-1999; 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

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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
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

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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 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

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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
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

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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-psychoarmacologium, 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

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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, Symbio, 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 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

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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 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, Phillip Morris, 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, Symedco, Wilkerson Group, Zelle Associates, ZS Associates.

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443. Hughes, JR, Fagerstrom, KO, Henningfield, JE, Rodu, B, Rose, JE, and Shiffman, S. Why we work with the tobacco industry. Addiction, 114(2): 374-375 [#6406]
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445. *Bergeria, C., Heil, S, Davis, DR, Streck, JM, Sigmon, SC et al. Evaluating the utility of the Modified Cigarette Evaluation Questionnaire and Cigarette Purchase Task for predicting acute relative reinforcing efficacy of cigarettes varying in nicotine content. Drug and Alcohol Dependence. [#6409]

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- 446. *Bergeria, CL, Parker, MA, Davis, DR, DeSarno, M, Sigmon, SC, et al. Response to reduced nicotine content cigarettes among smokers with chronic health conditions. Preventive Medicine Reports [#6408]
- 447. *Hughes JR, Callas PW. Prevalence of withdrawal symptoms from electronic cigarette cessation: A cross sectional analysis of the US Population Assessment of Tobacco and Health. Addictive Behaviors [#6601]
- 448. *Hughes, J.R., Klemperer, E.M., & Peasley-Miklus, C. Possible new symptoms of tobacco withdrawal II: Anhedonia- A systematic review. Nicotine and Tobacco Research [#6447]
- 449. *Klemperer EM, Hughes JR, Naud S. Distal measurements can produce false negative results: A prospective secondary analysis of a natural history study. Nicotine and Tobacco Research [#6382]
- 450. *Klemperer, EM, Hughes, JR, Naud, S. Study characteristics influence the efficacy of substance abuse treatments: A meta-analysis of medications for smoking cessation. Nicotine and Tobacco Research [#6404]
- 451. *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]

Submitted

- 452. *Hughes JR, Callas, PW. Adult never-smokers who currently use electronic cigarettes: An analysis of the PATH dataset. Nicotine and Tobacco Research [#6403]
- 453. *Klemperer, EM, Hughes, JR, Callas, PW, Benner, JA, Morley, NE. Reducing with very low nicotine content cigarettes versus reducing number of cigarettes per day: A randomized trial. Addiction [#6405]

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Grants

Present Grants

Primary Investigator, NCI, Does Abstinence from Electronic Cigarettes Produce Withdrawal Symptoms? 9/15 – 8/19
Co-Principal Investigator (Higgins, PI), NIDA, Vermont Center on Tobacco Regulatory Science, 9/13-8/23
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

Pending Grants

Investigator (Budney, PI) NIDA, Leveraging Social Media to Characterize Cannabis Use and Develop Sensitive Outcome Measure

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,

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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
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

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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 – 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

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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