

CURRICULUM VITAE

PETER ROBERT MARTIN

ADDRESS:

Department of Psychiatry
Vanderbilt Psychiatric Hospital
Suite 3068, 1601 23rd Avenue South
Nashville, Tennessee 37232-8650
U.S.A.

Phone: 615-322-0387

FAX: 615-322-0175

E-Mail: peter.martin@vanderbilt.edu

WEBSITES: <https://medschool.vanderbilt.edu/psychiatry/faculty/primary/martinpr>
<http://www.mc.vanderbilt.edu/root/vumc.php?site=addictioncenter>
<http://www.vanderbilt.edu/ics/>

DATE AND PLACE OF BIRTH: September 6, 1949, Budapest, Hungary
FAMILY: Married Barbara Ruth Bradford, December 23, 1985
Alexander Bradford Martin, born October 21, 1989

EDUCATION:

1967 - 1971	Honours B.Sc. (Molecular Genetics) McGill University, Montreal, Quebec, Canada
1971 - 1975	M.D., C.M. McGill University, Montreal, Quebec, Canada
1975 - 1976	Resident in Internal Medicine, Sunnybrook Medical Centre, University of Toronto, Toronto, Ontario, Canada
1976 - 1978	Research Fellow in Clinical Pharmacology, Clinical Pharmacology Program, Addiction Research Foundation Clinical Institute - Toronto Western Hospital, University of Toronto
1976 - 1979	M.Sc. (Pharmacology) University of Toronto Dissertation: Intravenous phenobarbital treatment of barbiturate and other hypnotic withdrawal: A pharmacokinetic approach.
1978 - 1979	Resident in Psychiatry, Affective Disorders Unit, Clarke Institute of Psychiatry, University of Toronto
1979	Resident in Psychiatry, Hospital for Sick Children, University of Toronto
1980	Resident in Psychiatry, Toronto General Hospital, University of Toronto

LICENSURE AND CERTIFICATION:

The College of Physicians and Surgeons of Ontario (License No. 28907), 1976.

The Board of Medical Examiners of the State of Maryland (License No. D26685), 1981.
The Board of Medical Examiners of the State of Tennessee (License No. MD17128), 1986.
Fellow of the Royal College of Physicians (Canada), Psychiatry, 1981.
Diplomate of the American Board of Psychiatry and Neurology, Psychiatry, 1983; Certification
in the Subspecialty of Addiction Psychiatry, 1993; Recertification: 2002 and 2012

ACADEMIC APPOINTMENTS:

1980 - 1983 Visiting Scientist, Section on Experimental Therapeutics, Laboratory of Clinical
Science, National Institute of Mental Health, Bethesda, Maryland
1980 - 1986 Visiting Scientist, Laboratory of Clinical Studies, National Institute on Alcohol
Abuse and Alcoholism, Bethesda, Maryland
1983 - 1986 Chief, Section of Clinical Science, Laboratory of Clinical Studies, National Institute
on Alcohol Abuse and Alcoholism
1986 - 1992 Associate Professor with Tenure, Departments of Psychiatry and Pharmacology,
Vanderbilt University School of Medicine, Nashville, Tennessee
1986 -2013 Director, Division of Addiction Psychiatry(formerly Division of Alcohol and
Substance Abuse and then Division of Addiction Medicine), Department of
Psychiatry, Vanderbilt University School of Medicine
1990 - Faculty, Developmental Psychopathology Research Training Program
1992 - Professor with Tenure, Departments of Psychiatry and Pharmacology,
Vanderbilt University School of Medicine
1993 - Investigator, John F. Kennedy Center for Research on Human Development,
Peabody College, Vanderbilt University
1994 - Director, Vanderbilt Addiction Center
1995 - Investigator, Clinical Nutrition Research Unit
2002 - Scientist, Vanderbilt Brain Institute
2002 - Member, Vanderbilt Institute of Chemical Biology
2002 - Investigator, Center for Integrative and Cognitive Neuroscience
2011 - Member, Vanderbilt Institute for Global Health

HOSPITAL APPOINTMENTS:

1980 - 1983 Clinical Associate, Clinical Center, National Institutes of Health, Bethesda,
Maryland
1981 - 1986 Consultant Psychiatrist, United States Soldiers' and Airmen's Home, Washington,
DC
1983 - 1986 Attending Physician, Clinical Center, National Institutes of Health
1983 - 1986 Staff Psychiatrist, Counseling and Treatment Associates, Silver Spring, Maryland
1986 - 1987 Medical Director, Alcoholism Treatment Program, Nashville Veterans
Administration Hospital
1986 - 1994 Chief Psychiatrist and Associate Medical Director, Vanderbilt Institute for
Treatment of Addiction (VITA), Vanderbilt University Medical Center
1995 - Chief Psychiatrist, Vanderbilt Addiction Center (formerly VITA)

PROFESSIONAL ORGANIZATIONS:

Alcohol and Drug Council of Middle Tennessee, Member (1998 - present)
American Academy of Addiction Psychiatry, Member (1988 - present), Distinguished Fellow (2010 – present)
Member, Annual Meeting Program Committee (1999 - present); Co-Chair (2005 – 2007); Chair (2008 – 2010)
Member, Board of Directors (2005 – 2010; 2011 –2013)
Head, Research Section (2011 – 2013)
American Association for the Advancement of Science, Member (1980 - present)
American Psychiatric Association, Member (1981 - 1992), Fellow (1992 - 2002), Distinguished Fellow (2003 – 2011), Distinguished Life Fellow (2011 – present)
Chairman, Alcohol and Drug Committee, Tennessee Psychiatric Association (1989 - 1992)
President, Middle Tennessee Chapter, Tennessee Psychiatric Association (1993 - 1994)
Chairman, Membership Committee, Tennessee Psychiatric Association (1994 - 1997)
Member, Committee on Training and Education in Addiction Psychiatry, Council on Addiction Psychiatry (1999 - 2002)
American Society of Clinical Pharmacology and Therapeutics, Member (1983 - present)
Vice-Chairman, Section on Neuropsychopharmacologic Agents (1989 - 1992)
Chairman, Section on Neuropsychopharmacologic Agents (1992 - 1995)
Vice-Chairman, Substance Abuse Committee (1995 - 1998)
Member, Program Committee (1995 - 1996)
Chairman, Substance Abuse Committee (1998 - 2001)
Member, Board of Directors (1998 - 2001)
Association for Medical Education and Research in Substance Abuse, Member (1986 - 1996)
International Collegium of Composite Diagnostic Evaluation in Psychiatry, Founding Member (1989 - 1992)
International Society for Biomedical Research on Alcoholism, Member (1991 - present)
Mental Health Association of Middle Tennessee
Member, Board of Directors (2003 – 2009)
Member, Steering Committee, Jack C. Massey Leadership Award (2001, 2003, and 2005)
Chair, Subcommittee on Message of the Organization (2007 – 2008)
Member, Advisory Board (2009 – present)
Research Society on Alcoholism, Member (1987 - present)
Member, Program Committee, Annual Meeting (1992 and 1993)
The American College of Psychiatrists, Member (1990 - 2003)
The Mental Health Association of Tennessee
Member, Board of Directors (1999 - 2003)

PROFESSIONAL ACTIVITIES:

Clinical Center, National Institutes of Health

- 1983 - 1984 Member, Working Party to Recommend Guidelines for the Intramural Programs of the National Institutes of Health on the Consent Process with Impaired Human Research Subjects
- 1983 - 1986 Chairman, Clinical Research Subpanel, National Institute on Alcohol Abuse and Alcoholism
- 1983 - 1986 Member, Human Research Review Panel
- 1984 - 1986 Member, Pharmacy and Therapeutics Subcommittee
- 1985 - 1986 Member, Quality Assurance Committee

Vanderbilt University Medical Center

- 1988 - 1990 Member, General Clinical Research Center Advisory Committee
- 1988 - 1991 Member, Institutional Review Board for the Protection of Human Subjects: Committee for the Behavioral Sciences
- 1990 - 1991 Chairman, General Clinical Research Center Advisory Committee
- 1990 - 1991 Member, Self-Study Task Force in preparation for Liaison Committee on Medical Education Accreditation Survey, Subcommittee on Graduate Medical Education
- 1991 - 1992 Member, Standing Policy Committee: Biomedical Sciences
- 1992 - 1993 Chairman, Standing Policy Committee, Biomedical Sciences
- 1992 - 1993 Member, Advisory Council
- 1992 - Member, Appointment and Promotions Committee (previously, Tenure and Promotions Committee, Department of Psychiatry)
- 1994 - 1995 Member, Committee on the Use of Cognitively Impaired Persons as Research Subjects
- 1995 - 2001 Member, Medical Board, Psychiatric Hospital at Vanderbilt
- 1995 - 1999 Member, Credentials Committee, Psychiatric Hospital at Vanderbilt
- 1995 - 2001 Member, Medical Student Educational Committee, Department of Psychiatry
- 1996 Participant, Strategic Planning for the Academic Enterprise (Clinical Research Task Force; Basic Research in Clinical Departments Task Force)
- 1996 Participant, Vanderbilt Behavioral Health Care Retreat
- 1996 Member, Planning Committee for 1997 Brain Awareness Week in Nashville
- 1998 Participant, Curriculum Retreat, Vanderbilt University School of Medicine
- 1998 - 1999 Member, Self-Study Task Force in preparation for Liaison Committee on Medical Education Accreditation Survey, Subcommittee on Medical School Departments (Clinical Departments)
- 1998 - 1999 Member, Physician Wellness Committee (an ad hoc committee of the VUMC Medical Board); Chairman, Intervention and Treatment Subcommittee
- 1998 Member, Grant Review Committee (Clinical Science), VUMC Intramural Discovery Grant Program
- 1999 - Chair, Pharmacy and Therapeutics Committee, Vanderbilt Psychiatric Hospital
- 1999 - Member, Physician Wellness Committee, VUMC Medical Board
- 1999 - 2000 Member, Committee for Preparation of Research Strategic Plan, Department of Psychiatry
- 1999 - 2002 Member, fMRI Infrastructure Grant Committee
- 2000 - 2003 Member, Standing Policy Committee: Faculty

- 2000 - Member, Clinical Services Governance Council, Department of Psychiatry
- 2002 - Chair, Advisory Board, the Vanderbilt Comprehensive Assessment Program for Professionals (A. J. Reid Finlayson, M.D., Director)
- 2006 - Member, VUMC Quality Council
- 2007 – 2008 Member, Basic Science Planning Committees – Enhancing the Reputation of Vanderbilt Research
- 2013 - Member, My Health at Vanderbilt (MHAV) Safety, Adoption & Effectiveness Workgroup
- 2013 – 2017 Representative, Faculty Senate, Vanderbilt University

Extramural Activities

- 1988 - 1994 Advisor, Substance Use Workgroup for the Diagnostic and Statistical Manual, Fourth Edition (DSM-IV), American Psychiatric Association
- 1988 Member, NINCDS Special Review Committee
- 1989 Visiting Professor, Department of Psychiatry, The University of Tennessee, Memphis, Tennessee, March 30-31
- 1989 Visiting Professor, National Institute for Nervous and Mental Diseases, Budapest, Hungary, June 18 - July 12
- 1990 Participant, Gordon Conference on Alcoholism, Oxnard, California, February 5-9
- 1990 - 1995 Member, Scientific Advisory Committee, Alcoholism and Drug Research Communications Center
- 1991 Visiting Professor, Department of Psychiatry and Behavioral Sciences, The University of Oklahoma, Oklahoma City, Oklahoma, April 24-26
- 1994 Member, NIAAA Special Review Committee
- 1994 Member, NIH/NIAAA Special Emphasis Panel ZRG-4 (ALT-3)
- 1998 Faculty, Research Colloquium for Junior Investigators, Annual Meeting, American Psychiatric Association, Toronto, Ontario, Canada, May 31
- 2000 - Examiner in Psychiatry, American Board of Psychiatry and Neurology, Inc.
- 1999 - 2005 Member, Committee on Subspecialty Certification and Recertification in Addiction Psychiatry, American Board of Psychiatry and Neurology, Inc.
- 2004 Faculty, Research Colloquium for Junior Investigators, Annual Meeting, American Psychiatric Association, New York, New York, May 2
- 2005– Member, Program Advisory Committee, Specialized Neuroscience Research Program (NINDS), Meharry Medical College, Nashville, Tennessee
- 2006 Faculty, Research Colloquium for Junior Investigators, Annual Meeting, American Psychiatric Association, Toronto, Ontario, Canada, May 21
- 2006 Member, Special Emphasis Panel/Scientific Review Group ZDA1 MXS-M (02) R, Novel Pharmacological Treatments for Drug Addiction, April 27-28
- 2006 Member, ZEY VSN (02) R, Training in Neuroimaging: Integrating First Principles and Applications, July 10
- 2007 Member, ZAA1 CC (13) R, Impact of Adolescent Drinking on the Developing Brain, July 18
- 2008 Member, ZRG1 IFCN-H 02 M, Member Conflicts: Addiction and Stress, February 20-21
- 2008 Member, ZRG1 IFCN-A03, Member Conflicts: Neuropharmacology, July 14-15

- 2009 Member, ZDA1 EXL-T 06 1, Pilot Clinical Trials of Pharmacotherapies for Substance Related Disorders, February 9
- 2009 - Member, Federal Grant Advisory Panel, Renewal House, Nashville, Tennessee
- 2011 Member, ZDA1 SXC-E (12) R, Training in Neuroimaging (T90), March 31
- 2011 - Member, Diversity-Promoting Institutions Drug Abuse Research Program (DIDARP) External Advisory Committee, Meharry Medical College, Nashville, Tennessee
- 2013 - Projects Coordinator, International Network for the History of Neuropsychopharmacology (INHNP)

Editor-in-Chief

Journal of Addictive Behaviors, Therapy & Rehabilitation, 2012 - present

Associate Editor

Current Molecular Medicine, Anirban Maitra, M.D., Editor-in-Chief, 2000 - 2010

Editorial Board

- 1994 – present Substance Abuse, Marc Galanter, M.D., Editor-in-Chief
- 2006 – present Science Advisory Board, SciMat (Science Matters in the Battle against Alcoholism and Related Diseases), a publication of the Betty Ford Center
- 2008 – 2011 Alcoholism: Clinical Experimental Research, Ivan Diamond, M.D., Ph.D., Editor-in-Chief
- 2008 – present Drug, Healthcare and Patient Safety, Shufeng Zhou, M.D., Ph.D., Editor-in-Chief
- 2009 – present Neuropsychiatric Disease and Treatment, Roger M Pinder, Ph.D., D.Sc., Editor-in-Chief
- 2009 – present Patient Related Outcome Measures, Robert Howland, M.D., Editor-in-Chief
- 2010 – present Journal of Addiction Research & Therapy
- 2010 – present Klinik Psikofarmakoloji Bulteni (Bulletin of Clinical Psychopharmacology), Mesut Cetin, M.D., Editor-in-Chief
- 2011 Editor, Special Issue on Neuroimaging of the Journal of Addiction Research & Therapy with Bernard Le Foll, M.D, Ph.D. and David Newlin, Ph.D.
- 2011 – present DUSUNEN ADAM: The Journal of Psychiatry and Neurological Sciences, Editor-in-Chief, Cuneyt Evren, M.D.
- 2011 – 2013 Clinical and Experimental Pharmacology

Editorial Consultant

Acta Neurologica Scandinavica	Addiction
Alcoholism: Clinical and Experimental Research	Alcohol Health and Research World
Annals of Neurology	Archives of General Psychiatry
Behavioral and Brain Functions	Clinical Pharmacology and Therapeutics
Biological Psychiatry	Cognitive and Behavioral Neurology
Cochrane Dementia & Cognitive Improvement Group	Diabetes Care
Depression and Anxiety	Expert Opinion on Pharmacotherapy
European Journal of Neurology	Goodman & Gilman's Ninth Edition of <i>The Pharmacological Basis of Therapeutics</i>
General Hospital Psychiatry	Journal of the American Geriatrics Society
Journal of Addiction Medicine	Journal of Magnetic Resonance Imaging
Journal of Clinical Psychopharmacology	Journal of the American Medical Association
Journal of Neurochemistry	Nature Reviews Neurology
Magnetic Resonance Imaging	Neuropsychopharmacology
NeuroImage	Pain Medicine
New England Journal of Medicine	Psychiatry Investigation
PharmacoEconomics	Psychopharmacology
Psychiatry Research	Southern Medical Journal
Psychopharmacology Bulletin	The American Journal of Obstetrics and Gynecology
The American Journal of Clinical Nutrition	The American Journal on Addictions
The American Journal of Psychiatry	

Invited Lectures and Symposia (since 2009)

Invited lectures prior to 2009 on various topics in Australia, Austria, Brazil, Canada, Colombia, Denmark, Finland, Guatemala, Hungary, Italy, Mexico, New Zealand, Puerto Rico, and United Kingdom are not listed.

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| 2009 | "Treating Obesity as an Addiction(Can Obesity be Understood as a <i>Bona Fide</i> Mental Illness?)," Indian Health Service, 4th Annual Nashville Area Health Summit, Advancing Knowledge in Health Care: Obesity, Diabetes, and Cardiovascular Disease, Gaylord Opryland Resort, Nashville, Tennessee |
| 2009 | "Understanding Alcoholism-Associated Brain Disorders through Neuroimaging Studies", Bridging Structure and Function of Alcoholic Brain (Chaired by Ihn-Geun Choi and Edith Sullivan), First Congress of Asia-Pacific Society for Alcohol and Addiction Research, Seoul, Korea, November 12 |
| 2010 | "Addressing and Managing Co-occurring Psychiatric Disorders in Opioid Dependent |

- Pregnant Patients: Results from the MOTHER Study”, Comparison of Methadone and Buprenorphine: Results of the Maternal Opioid Treatment: Human Experimental Research (MOTHER) Trial (Chaired by Ivan D. Montoya and Sarah H. Heil), College of Problems of Drug Dependence 72nd Annual Scientific Meeting, Scottsdale, Arizona, June 14
- 2011 “Coffee and Health”, Coffee, Culture, and Community Development (Chaired by Edward Fischer), 100th Annual National Coffee Association Convention, New Orleans, Louisiana, March 17
- 2011 “Focus on Healing Addiction”, 2nd Annual Lloyd C. Elam Symposium (Celebrating the 65th Anniversary of the Mental Health Association of Middle Tennessee and the Meharry Department of Psychiatry and Behavioral Sciences), Meharry Medical College, Nashville, Tennessee, March 25
- 2011 “Healing Addiction: Biopsychosocial Understanding as the Basis to Pharmacopsychosocial Treatment”, Brookhaven Retreat, Seymour, Tennessee, May 27
- 2011 “Understanding and Healing Addiction: The “Cancer” of Behavior”, Oncology Conference, San Francisco CA, October 13
- 2011 “Opioid dependence during pregnancy: balancing risk versus benefit” (Plenary Speaker) and “Neuroimaging in psychopharmacology: An update” (Chair), 4th International Congress on Psychopharmacology, Antalya, Turkey, November 24
- 2012 “Can coffee and cigarette consumption influence the course of alcohol dependence?” in Medical treatment of alcohol- and tobacco-dependence (Chaired by O.M. Lesch and K.O. Fagerstrom), Alcohol and Tobacco Interactions, ESBRA Nordmann Award and Congress of ESBRA, Basel, Switzerland, June 8
- 2012 “Understanding and healing addiction: prevention of the spread of HIV,” Balance of care: from stigma to toxicity, 15th Annual HIV Symposium, Nashville TN, November 2
- 2012 “Can coffee and cigarette consumption influence the course of alcohol dependence?” at Universidad de los Andes, Bogota, Colombia, November 30

ACADEMIC OR PROFESSIONAL HONORS:

McGill University Entrance Scholarship, 1971

Listed in *Who's Who in Washington*, 1983

U.S. Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental and Mental Health Administration, Special Achievement Award in Recognition of Contribution to The Fifth Special Report to the U.S. Congress on Alcohol and Health, 1985.

Medal of the National Institute for Nervous and Mental Disorders (Hungary), 1989.

Listed in *Who's Who in the South and Southwest*, since 22nd Edition, 1991.

Listed in *Who's Who in Science and Engineering*, since 1991.

Listed in *Men of Achievement*, since 1992.

Listed in *Who's Who of Emerging Leaders in America*, since 4th Edition, 1992.

Listed in *Who's Who in America*, since 51st Edition, 1996.

Listed in *Who's Who in Medicine and Healthcare*, since 1st Edition, 1996.

Listed in *Who's Who in the World*, since 23rd Edition, 2005.

Certificate of Recognition from the Tennessee Psychiatric Association and Tennessee Medical Foundation "For Meritorious Service and Singular Achievement in Service to Fellow Physicians Suffering from Addiction", November 3, 2001.

Ambassador of Hope Award for Mental Health Program of the Year, The National Alliance for the Mentally Ill Nashville Inc., May 25, 2004.

Listed in *Who's Who in the World*, since 2005

Five Star Customer Service Award (for scoring in the top 10% nationally for "Excellent" responses, Medical Specialty Services Overall Quality of Doctor's Care), Professional Research Consultants, 2007

Listed in *Guide to America's Top Physicians*, Consumers' Research Council of America, since 2007

Honorary Professor of the International University, Vienna (for contribution through the Institute of Coffee Studies to strengthening international relations in the sphere of science, education, and business), Nomination Committee of Europe Business Assembly (Oxford, United Kingdom), 2008

Top Performer Customer Service Award (our group, Addiction Psychiatry Clinics scored in the top 1% nationally for "Excellent" responses, Medical Specialty Services Overall Quality of Care), Professional Research Consultants, 2008

Listed in *Guide to America's Top Psychiatrists*, Consumers' Research Council of America, since 2009

Five Star Customer Service Award (our group, Addiction Psychiatry Clinic) scored in the top 10% nationally for "Excellent" responses, Medical Specialty Services Overall Quality of Care), Professional Research Consultants, 2009

Certificate from the American Academy of Addiction Psychiatry "In recognition of your dedication and numerous contributions to the organization as Chair of the Annual Meeting Program Committee," December 4, 2009

Top Performer Customer Service Award (our group, Addiction Psychiatry Clinic) scored in the top 1% nationally for "Excellent" responses, Medical Specialty Services Overall Quality of Care), Professional Research Consultants, 2010

Listed in *Leading Health Professionals of the World*, International Biographical Centre, Cambridge, England, 2013

TEACHING ACTIVITIES:

1983 - 1986 Coordinator, Medical Student Elective, Laboratory of Clinical Studies, National Institute on Alcohol Abuse and Alcoholism

1986 - 2013 Coordinator for all teaching for the Department of Psychiatry in the subject area of addiction and substance-induced disorders. Medical student lectures given in Departments of Psychiatry (first, second and third years), Pharmacology (second year), and Medicine (second and fourth years). Lectures and supervision (all years) given to residents and during their rotations in the Division of Addiction Psychiatry. Lectures given at several Vanderbilt Continuing Medical Education events.

1987 - 1996 Member, Steering Committee, Vanderbilt Integrated Curriculum on Alcohol and Drugs

- 1990 - 1996 Chairman, Steering Committee, Vanderbilt Integrated Curriculum on Alcohol and Drugs
- 1993 - 2000 Member, Graduate Training Committee, Department of Psychiatry
- 1993 - 2000 Member, Resident Evaluation Committee, Department of Psychiatry
- 1996 - Preceptor, Premedical Summer Institute at Fisk and Vanderbilt Universities, Robert Wood Johnson Foundation
- 1997 - 2009 Director, Addiction Psychiatry Training Program (ACGME approved)
- 1999 - Preceptor, Introduction to Biomedical Research
- 2006 - 2011 Director, Addiction Psychiatry Interdisciplinary Research Training Program (NIDA-funded T-32 Award to train addiction psychiatrist physician-scientists)
- 2007 - Mentor, Emphasis Program, Vanderbilt University School of Medicine
- 2008, 10, 11 Faculty VUceptor, Vanderbilt Visions Program, a one-semester, university core program that encourages first-year undergraduates to be empowered and responsible members of the Vanderbilt University community
- 2012 - Facilitator, Case Based Learning in Curriculum 2.0, Vanderbilt University School of Medicine
- 2012 - Clinical Mentor, Howard Hughes Medical Institute/Vanderbilt University Medical Center Certificate Program in Molecular Medicine
- 2013 - Facilitator, Continuity Clinical Experience in Curriculum 2.0, Vanderbilt University School of Medicine
- 2014 - Supervision of Psychiatry Residents and VUSM students on inpatient service of Vanderbilt Addiction Center and in Addiction Psychiatry Outpatient Clinic. Continue to give addiction lectures in VUSM Brain and Behavior Course and in Psychiatry Resident Curriculum.

RESEARCH PROGRAM:

- Co-investigator, USPHS-NIAAA 1 R21 AA07388-01, "Psychotherapeutic Implications of an Alcohol Typology", Principal Investigator: Leslie Morey, Ph.D.; 12/01/87 to 12/31/89, direct costs - \$30,000.
- Co-investigator, USPHS-NIAAA 87-0018, "Develop, Implement and Evaluate An Integrated Model Program and Curriculum in Alcohol and Drug Abuse for Primary Care Physician Education", Principal Investigator: Anderson Spickard, M.D.; 08/01/87 to 06/30/89, annual direct costs - \$140,000.
- Principal Investigator, Boehringer Ingelheim Pharmaceuticals Inc., "Clonidine Treatment of Primary Alcohol Dependence", 07/01/89 to 06/30/90, direct costs - \$30,000.
- Co-Principal Investigator, Alcoholic Beverage Medical Research Foundation, "Molecular Genetics Analysis of the Role of Transketolase in Alcoholic Organic Brain Disease", Principal Investigator: Charles K. Singleton, Ph.D.; 01/01/90 to 12/31/90, direct costs - \$30,000.
- Principal Investigator, USPHS-NIAAA 1R01AA08492, "Genetic Mechanism(s) of Alcoholic Organic Brain Disease", 09/28/90 to 08/31/94, direct cost - \$479,067.
- Co-Principal Investigator, Alcoholic Beverage Medical Research Foundation, "Molecular Genetics Analysis of the Role of Transketolase in Alcoholic Organic Brain Disease", Principal Investigator: Charles K. Singleton, Ph.D.; 01/01/91 to 12/31/91, direct costs - \$10,000.

- Principal Investigator, USPHS-NIAAA 1TO1AA07515, "Faculty Development in Alcohol and Other Drug Abuse", 09/28/90 to 08/28/96, direct costs - \$434,204.
- Principal Investigator, American Medical Association Education and Research Foundation, "National Survey on Group Interventions with the Impaired Physician", 11/11/93 to 11/10/94, direct costs - \$7,851.
- Principal Investigator, USPHS-NIH 1R01 AA10433 "Molecular Mechanisms of Thiamine Utilization", 01/01/95 to 12/31/98, direct costs - \$481,044.
- Principal Investigator, USPHS-NIH 1R01 AA10583 "MR Spectroscopy Studies of Alcohol-Induced Brain Damage", 08/01/96 to 07/31/00, direct costs - \$749,129.
- Principal Investigator, U.S. Pharmaceutical Group, Pfizer Inc., "Double-Blind Parallel Comparison of Sertraline and Placebo in Patients with Depression and a DSM-IV Diagnosis of Alcohol Dependence", 09/01/96 to 06/01/99, total costs - \$275,000.
- Principal Investigator, U.S. Pharmaceutical Group, Pfizer Inc., "Double-Blind Continuation Study of Sertraline and Placebo in Subjects Who Have Completed Protocol No. R-0494 as Responders", 04/01/97 to present, total costs - \$64,375.
- Principal Investigator, Consortium of Coffee Producing Countries, "Institute for Coffee Studies", 07/01/99 to 06/30/02, total costs - \$3,380,995.
- Principal Investigator, American Foundation for Addiction Research, "fMRI Studies of Sexual Arousal in Normal Males", 09/01/00 to 06/30/00, total costs - \$60,000.
- Principal Investigator, American Foundation for Addiction Research, "fMRI Studies in Patients with Problematic Hypersexuality (Sexual Addiction)", 09/01/01 to 08/30/03, total cost - \$517,000.
- Principal Investigator, Drug Abuse Sciences, Inc., "Safety and Efficacy of Naltrel in Treatment of Alcohol Dependence", 05/01/01 to 06/30/02, total costs - \$128,000.
- Principal Investigator, Alkermes Inc., "A Phase III, Multi-Center, Randomized, Double Blind Placebo Controlled Study of the Efficacy and Safety of Medisorb Naltrexone in Alcohol Dependent Adults", 04/01/02 to 03/31/03, total costs - \$243,889.
- Principal Investigator, Alkermes Inc., "A Multi-Center, Double Blind, Extension of Alkermes Study ALK21-003 to Evaluate the Long Term Safety of Medisorb Naltrexone", 8/08/02 to 8/07/03, total cost - \$97,000.
- Principal Investigator, USPHS-NIH 1R01DA015713 "Maternal Opioid Treatment: Human Experimental Research", 09/27/2004 - 06/30/2011, direct costs - \$1,960,467.
- Principal Investigator, USPHS-NIH 1R01 AA014969 "MR Studies of Alcohol-Induced Brain Injury and Recovery", 02/15/05 to 01/31/11, direct costs - \$1,354,346.
- Principal Investigator, USPHS-NIH 1T32 DA021123 "Linking Clinical Phenotypes and Molecular Underpinnings of Addiction", 04/01/2006 to 03/31/2011, direct costs - \$1,776,056.
- Principal Investigator, US WorldMeds/NIDA/VA Cooperative Studies Program, "A Phase III, Randomized, Multi-Center, Double Blind, Placebo-Controlled Study of Safety and Efficacy of Lofexidine for Relief of Symptoms in Subjects Undergoing Inpatient Opiate Detoxification", 12/1/05 to 4/22/08, total cost - \$146,092.
- Principal Investigator, Catalyst Pharmaceutical Partners, Inc., "Vigabatrin for Treatment of Methamphetamine Dependence: A Phase II Study", 07/01/2008 to present, total cost - \$224,322 (discontinued by manufacturer as corporate financial decision).

- Co-Investigator, USPHS-NIH 1R01AG034067-01 "Health Disparities and the Stress Hypothesis", Principal Investigator R. Jay Turner, Ph.D., 01/01/2010 to 08/31/2014, direct cost - \$2,684,453.
- Co-Investigator, USPHS-NIH-1R01HD074584-01 "Prescribed Opioid Safety in Children", Principal Investigator Wayne A. Ray, Ph.D., 1/1/2013 to 12/31/2017, annual direct cost - \$550,379.
- Co-Investigator, USPHS-NIH-1R01HD "In Utero Exposure to Opioid Medications and Congenital Malformations", Principal Investigator William Cooper, M.D., MPH (pending)

RESEARCH TRAINEES:

Bryon Adinoff, M.D., Medical Staff Fellow, NIAAA, 1983-1986

Training: Supervised his studies of neuroendocrine functioning in alcoholism; trained in conduct and analysis of clinical research studies.

Currently: Distinguished Professor of Alcohol and Drug Abuse Research, Professor of Psychiatry, University of Texas Southwestern Medical School, Dallas TX

Howard B. Moss, M.D., Medical Staff Fellow, NIAAA, 1983-1985

Training: Supervised his studies of pineal function in rats during alcohol intoxication and withdrawal; trained in conduct and analysis of clinical research studies.

Currently: Associate Director for Clinical and Translational Research, National Institute on Alcohol Abuse and Alcoholism, National Institutes of Health, Bethesda MD

Giovanni Impeduglia, M.D., Visiting Fellow, NIAAA, 1983-1986

Training: Supervised his research on development of a rat model to study the pharmacogenetics of thiamine deficiency; trained in conduct and analysis of behavioral pharmacology and pharmacogenetic studies.

Currently: Private Practice in Pediatrics, Silver Springs MD

George A.H. Bone, M.D., Medical Staff Fellow, NIAAA, 1984-1986

Training: Supervised his studies of hypertension in alcoholism and pharmacogenetics of alcohol metabolism; trained in conduct and analysis of clinical and laboratory studies.

Currently: Private Practice in Internal Medicine, Upper Marlboro MD

David T. George, M.D., Medical Staff Fellow, NIAAA, 1985-1986

Training: Supervised his studies of anxiety and affective disorders in alcoholics and children of alcoholics; trained in conduct and analysis of biological psychiatry studies.

Currently: Chief, Section of Clinical Science, NIAAA

Sally J. Killian, M.D., Assistant Professor of Medicine (General Internal Medicine), Vanderbilt University School of Medicine, Faculty Fellow, NIAAA/NIDA funded Faculty Training Program in Alcohol and Other Drug Abuse, 1990-1991

Training: Conceptualization of alcoholism as a chronic disease in general internal medicine.

Currently: Private Practice in Internal Medicine, Nashville TN

William B. Lawson, M.D., Ph.D., Assistant Professor of Psychiatry, Vanderbilt University School of Medicine, Faculty Fellow, NIAAA/NIDA funded Faculty Training Program in Alcohol and Other Drug Abuse, 1990-1991

Training: Treatment of psychoactive substance use disorders in patients with chronic mental illness.

Currently: Professor and Chair of Psychiatry, Howard University School of Medicine,

Washington, DC

- Ellen B. Hunter, M.D.**, Assistant Professor of Medicine (Gastroenterology), Vanderbilt University School of Medicine, Faculty Fellow, and NIAAA/NIDA funded Faculty Training Program in Alcohol and Other Drug Abuse, 1991-1993
Training: Assessment, treatment, and outcome of liver transplantation in patients with chronic alcoholism.
Currently: Private Practice in Internal Medicine (Gastroenterology and Hepatology), Boise ID
- Mark J. Werner, M.D.**, Assistant Professor of Pediatrics (Adolescent Medicine), Vanderbilt University School of Medicine, Faculty Fellow, and NIAAA/NIDA funded Faculty Training Program in Alcohol and Other Drug Abuse, 1990-1995
Training: Clinical screening for psychoactive substance use disorders in adolescents.
Currently: Executive Vice President and Chief Medical Officer, Carillion Hospitals, Roanoke VA
- Amanda Nimmerrichter, M.D.**, Clinical Research Fellow, Vanderbilt University School of Medicine, 1991-1994
Training: Supervised her studies of genetic mechanisms of alcoholic organic brain disease; trained in conduct and analysis of clinical research studies using neuropsychology and neuroimaging techniques.
Currently: Private Practice in Psychiatry and Neurology, Vienna, Austria
- Terry L. Riutcel(Vital)**, Medical Student, Vanderbilt University School of Medicine, 1991-1995
Training: Studies of muscle metabolism in alcoholism using P-31 spectroscopy.
Currently: Department of Psychiatry, Wilford Hall Air Force Medical Center, San Antonio, Texas
- Edward L. Hoffman, M.D.**, Assistant Professor of Pediatrics (Child Development), Vanderbilt University School of Medicine, Faculty Fellow, NIAAA/NIDA funded Faculty Training Program in Alcohol and Other Drug Abuse, 1991-1992
Training: Effects of intrauterine exposure to psychoactive substances on early human development.
Currently: Associate Professor of Pediatrics, University of Missouri
- Theodora Phea, M.D.**, Assistant Professor of Pediatrics (Child Development), Vanderbilt University School of Medicine, Faculty Fellow, NIAAA/NIDA funded Faculty Training Program in Alcohol and Other Drug Abuse, 1992-1993
Training: Effects of intrauterine exposure to psychoactive substances on early human development.
Currently: Private Practice in Developmental Pediatrics, Nashville TN
- David D. Weinstein, M.D.**, Psychiatry Resident, 1993-1994; Instructor, Department of Psychiatry, Vanderbilt University School of Medicine, 1998-1999
Training: Supervision of his literature review of traumatic brain injury and alcoholism and

design and analysis of magnetic resonance spectroscopy studies of pyriethamine-induced thiamine deficiency in rats; clinical training in addiction psychiatry.

Currently: Assistant Professor of Psychiatry, UCLA School of Medicine

Ihn Geun Choi, M.D., Ph.D., Assistant Professor, Department of Psychiatry, Hallym University College of Medicine; Clinical Research Fellow, Department of Psychiatry, Vanderbilt University School of Medicine, 1995-1996

Training: Neuropsychiatric aspects of malnutrition in alcoholics.

Currently: Professor and Chairman, Department of Neuropsychiatry, Kangnam Sacred Heart Hospital, Hallym University College of Medicine, Seoul, Korea

Randall F. Moore, M.D., J.D., Psychiatry Resident, Vanderbilt University School of Medicine, 1995-1996

Training: Treatment efficacy and confidentiality issues with substance dependent physicians.

Currently: Assistant Professor, Department of Psychiatry and Behavioral Science, Texas A&M University System and Private Practice in Forensic Psychiatry, Temple TX

Mitchell H. Parks, M.D., Research Fellow, Department of Psychiatry, Vanderbilt University School of Medicine, 1996-2003

Training: Magnetic resonance spectroscopy and functional magnetic resonance imaging studies of alcohol dependent patients. FMRI studies of sexual arousal/humor.

Currently: Assistant Professor and Director, Alcohol and Substance Abuse Research, Department of Psychiatry and Behavioral Science, Meharry Medical College, Nashville, Tennessee; Assistant Research Professor, Department of Psychiatry, Vanderbilt University School of Medicine

Shahzad A. Farooqi, M.D., Research Fellow, Department of Psychiatry, Vanderbilt University School of Medicine, 2003

Training: Magnetic resonance spectroscopy and functional magnetic resonance imaging studies of family history of alcohol dependence positive versus family history negative children.

Currently: Private Practice in Child and Adolescent and Addiction Psychiatry, West Bloomfield MI

Ungche Cho, M.D., Ph.D., Assistant Professor, Department of Psychiatry, Yangsan Hospital, Jujin Li, Ungsang Eup, Yangsan City, Kyongsangnam Do, Korea; Clinical Research Fellow, Department of Psychiatry, Vanderbilt University School of Medicine, 2006-2007

Training: Algorithms of care in addiction psychiatry.

Currently: Assistant Professor, Department of Psychiatry, Sa Sang Jungang Hospital, Ju Hyun Medical Foundation, Busan, South Korea

Michael Seth Reich, Medical Student, Emphasis Program, Vanderbilt University School of Medicine, 2006-2009

Training: Effects of coffee consumption and smoking on recovery in Alcoholics Anonymous.

Currently: Resident in Orthopedics, Case Western Reserve University, Cleveland, Ohio

Evonne Charboneau, M.D., Trainee, Vanderbilt-Meharry Addiction Psychiatry

Interdisciplinary Research Training Program, 2007-2009

Training: Neuroimaging of brain activation in response to food cues in obese children.

Currently: Assistant Research Professor, Division of Addiction Medicine, Department of Psychiatry, Vanderbilt University School of Medicine

Michael Franklin, M.D., Trainee, Vanderbilt-Meharry Addiction Psychiatry Interdisciplinary Research Training Program, 2007-2009

Training: Neuroimaging studies of children at high risk for alcohol dependence.

Currently: Assistant Professor, Department of Psychiatry and Behavioral Science, Meharry Medical College, Nashville, Tennessee; Assistant Research Professor, Department of Psychiatry, Vanderbilt University School of Medicine

Vidya Raj M.B.,Ch.B., Resident in Psychiatry, Vanderbilt University School of Medicine, 2005-2006

Training: Oxcarbazepine in essential tremor.

Currently: Assistant Professor, Department of Psychiatry, Vanderbilt University School of Medicine

Kelly E. Melvin M.D., Fellow, Child and Adolescent Psychiatry, Department of Psychiatry, Vanderbilt University School of Medicine, 2006-2008

Training: Treatment of posttraumatic stress disorder and alcohol dependence

Currently: Private Practice, Huntington, West Virginia

Margaret Benningfield, M.D., Trainee, Vanderbilt-Meharry Addiction Psychiatry Interdisciplinary Research Training Program, 2009-present

Training: Elucidating neurobiological mechanisms of risk for substance use disorders using fMRI approaches.

Currently: Assistant Professor, Division of Child and Adolescent Psychiatry, Department of Psychiatry, Vanderbilt University School of Medicine

Sachin Patel, M.D., Ph.D., Assistant Professor, Departments of Psychiatry and Molecular Physiology and Biophysics, Vanderbilt University School of Medicine, 2011-present

Training: Effects of exercise on the endocannabinoid system in human psychiatric diseases.

Currently: Assistant Professor of Psychiatry and Molecular Physiology and Biophysics, Vanderbilt University School of Medicine

Daniel F. Lonergan, M.D., Fellow, Division of Pain Medicine, Department of Anesthesiology, Vanderbilt University Medical Center, 2010-2011

Training: Characterization of the intrathecal opioid withdrawal syndrome.

Currently: Assistant Professor, Division of Pain Medicine, Department of Anesthesiology, Vanderbilt University Medical Center

Jessica L. Young, M.D., Assistant Professor, Division of Fetal-Maternal Medicine, Department of Obstetrics and Gynecology, Vanderbilt University School of Medicine, 2011-present

Training: Management of opioid dependence in pregnancy.

Currently: Assistant Professor, Division of Fetal-Maternal Medicine, Department of Obstetrics and Gynecology, Vanderbilt University School of Medicine

John Stephen Rich, M.D., Resident, Department of Psychiatry, Vanderbilt University School of Medicine, 2012-present

Training: Co-occurring psychiatric disorder and alcoholism.

Currently: Resident, Department of Psychiatry, Vanderbilt University School of Medicine

Aaron Kipp, Ph.D., Research Instructor, Vanderbilt Epidemiology Center, Vanderbilt University School of Medicine, 2013-present

Training: NIDA-funded, UCLA HIV/AIDS Substance Abuse and Trauma Training Program (HA-STTP)

Currently: Research Instructor, Vanderbilt Epidemiology Center, Vanderbilt University School of Medicine

Stephen W. Patrick, M.D., M.P.H., M.S., Assistant Professor, Department of Pediatrics, Vanderbilt University School of Medicine, 2014 – present

Training: Vanderbilt CTSA-funded Clinical and Translational Research Scholars Award (KL2)

Currently: Assistant Professor, Department of Pediatrics, Vanderbilt University School of Medicine

Ph.D. Thesis Committees:

Marcia R. Smith, Ph.D. (1989): Neuropsychological status, alcohol use patterns and personality as correlates of group process in alcohol abusers. (With L.C. Morey, Ph.D., Department of Psychology)

Elizabeth S. Ochoa, Ph.D. (1990): Client-therapist interactions: effects on retention in alcoholism treatment. (With L.C. Morey, Ph.D.)

Brian A. McCool, Ph.D. (1993): The role of human transketolase in Wernicke-Korsakoff syndrome: biochemical and molecular genetic investigations. (With C.K. Singleton, Ph.D., Department of Molecular Biology)

James Wang, Ph.D. (1996): Characterization of the assembly pathway and the catalytic behavior of human. (With C.K. Singleton, Ph.D.)

Stevan R. Pekovich, Ph.D. (1997): The biochemical and molecular responses to thiamine deficiency in human cells. (With C.K. Singleton, Ph.D.)

