

Archives
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CURRICULUM VITAE

ELLIOT S. GERSHON, M.D.

Foundations Fund Professor of Psychiatry and Human Genetics
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Marital Status: Married, two children

Other: Born June 5, 1940, U.S. Citizen.

Education: B.A. - Harvard College (Magna cum laude), 1961
 M.D. - Harvard Medical School (cum laude), 1965

Employment History:

1998 -	Foundation Funds Professor of Psychiatry and Human Genetics, The University of Chicago
1998 – 2003	Chairman, Department of Psychiatry, The University of Chicago
1984 - 1998	Chief, Clinical Neurogenetics Branch National Institute of Mental Health, Bethesda, Maryland
1986 - 1987	Director, Office of Science and Senior Science Advisor Alcohol, Drug Abuse, and Mental Health Administration (ADAMHA), Rockville, Maryland
1978 - 1984	Chief, Section on Psychogenetics, Biological Psychiatry Branch, National Institute of Mental Health, Bethesda, Maryland

- 1974 - 1978 Unit Chief, Section on Psychogenetics, Biological Psychiatry Branch, National Institute of Mental Health, Bethesda, Maryland
- 1971 - 1974 Director of Research, Jerusalem Mental Health Center Ezrath Nashim, Jerusalem, Israel
- 1969 - 1971 Clinical Associate, Laboratory of Clinical Science, National Institute of Mental Health, Bethesda, Maryland
- 1969 - 1970 Consultant, Prince George's County Health Department, Maryland
- 1968 - 1969 Consultant, Peter Bent Brigham Hospital, Boston, Massachusetts
- 1966 - 1969 Teaching Fellow in Psychiatry, Harvard Medical School and Psychiatric Resident, Massachusetts Mental Health Center, Boston, Massachusetts
- 1965 - 1966 Intern, Mount Sinai Hospital, New York

Uniformed Services of the United States

US Public Health Service, 1969-1971 and 1974-1998. Retired as Medical Director (Naval equivalent rank is Captain).

Special Appointments:

- 2003 - Chairman, Board of Trustees, National Institute for Psychobiology in Israel (NIPI)
- 2011 - President, American Friends of NIPI
- 2000 - Committee on Neurobiology, University of Chicago

Special Course:

- 2002 Harvard School of Public Health Program for Chiefs of Clinical Services

Editorial Boards:

- Israel Journal of Psychiatry, 2000-Present
- Molecular Psychiatry, 1998 - present
- Journal of Molecular Medicine, 1995-2001
- Neuropsychiatric Genetics (Section of American Journal of Medical Genetics), 1992-2007
- Journal of Basic and Clinical Physiology and Pharmacology, 1990-Present
- Psychiatric Genetics, 1989-Present
- Neuropsychopharmacology (Journal of the ACNP), 1987-1992 and 1995-2002
- Reviews in Clinical and Basic Pharmacology, 1985-1990
- Journal of Psychiatric Research, 1983-1993
- Behavioral Genetics, 1983-1988
- Journal of Affective Disorders, 1978-Present
- Psychiatry Research, 1978-Present

Advisory Boards:

Israel Journal of Psychiatry, 1993-present
National Alliance for Research on Schizophrenia and Affective Disorders (NARSAD), 1992-present
National Depressive and Manic Depressive Association (NDMDA), now Depressive and Bipolar Support Alliance, 1986-1993 and 1994-2010
The Foundation for Genetic Research in Brain and Behavior, 1995-1998
National Institute of Mental Health Staff College (Faculty Member), 1977-1986
Washington School of Psychiatry (Faculty Member), 1976-1986
Israel Center for Psychobiology, 1972-1974

Executive Boards/Committees:

American Psychopathological Association Council Member: 1988-1989, 1999-2002. Vice President: 1989-1990, President-Elect: 1990-1991, President: 1991-1992
American Friends of Jerusalem Mental Health Center (now known as American Friends of Sarah Herzog Hospital) Board of Directors: 1980-present, Chairman of Scientific Advisory Committee: 1992-present
National Institute of Mental Health Intramural Clinical Research Subpanel Member: 1978-1993, Chairman: 1988-1991.
National Institute of Arthritis, Metabolic and Skin Diseases, Promotions and Tenure Committee, Chairman: 1992-1993
Ad-hoc Committee Memberships: Committee to Draft Revised NIH Guidelines for the Conduct of Research, 1993
NIH Genetics Interest Group, co-chair (with Lynn Hudson) 1996-1998

Membership in Professional Associations:

American Association for the Advancement of Science
American College of Neuropsychopharmacology (ACNP) - Fellow
American Psychiatric Association (APA)
American Psychopathological Association (APPA) - Fellow
Society of Biological Psychiatry

Honors, Awards, Fellowships, and Biographical Citations:

Festschrift of the International Society for Psychiatric Genetics, planned for October 2013
Lifetime Achievement Award, International Society for Psychiatric Genetics, 2006
Anna-Monika Foundation Prize for Research in Endogenous Depression, 1979, 2005
Heinz Lehmann lecture, McGill University, Montreal, 2004
ISI Highly Cited Researchers 2003

Samuel Rudin Distinguished Visiting Professorship, Columbia University, 2000-2001
Selo Prize of the National Alliance for Research in Schizophrenia and Affective Disorders, 1996
(shared with Drs. Berrettini and DePaulo)
Centennial award, American Friends of Sarah Herzog Memorial Hospital, 1995
Gerald L. Klerman Lifetime Research Award, National Depressive and Manic-Depressive
Association, 1994
National Alliance for the Mentally Ill Exemplary Psychiatrist Award, 1992
Samuel W. Hamilton Award, American Psychopathological Association (APPA), 1992
USPHS Commissioned Corps Outstanding Service Medal, 1992
Wyeth Lecture, Cambridge University, United Kingdom, May 15, 1989
New Frontiers Award, American Friends of the Jerusalem Mental Health Center, 1988
USPHS Commissioned Corps Meritorious Service Medal, 1987
Kendon Smith Lectures, University of North Carolina at Greensboro, North Carolina,
May 28, 1987
Ripley Award Lecture, University of Washington, Seattle, Washington, 1985
USPHS Commissioned Corps Outstanding Service Medal, 1984
Milton Parker Memorial Lecture, Columbus State University, Ohio, 1983
USPHS Commissioned Officer's Commendation Medal, 1979
American Men and Women of Science, 1978-Present
Listed in Who's Who in America, 1978-Present
Harry Solomon Award, Massachusetts Mental Health Center, Boston, Massachusetts,
1965 and 1969
Phi Beta Kappa, 1961

Clinical Practice Bibliographical Citations

The Best Doctors in America 1992-present
Washingtonian magazine "Top doctors in Washington" 1995

Licensure:

Medical License for Illinois
Medical Licensure in Israel

Board Certification:

Certified in Psychiatry, American Board of Psychiatry and Neurology
Certified Specialist in Psychiatry, Israel Medical Association
and Israel Government Ministry of Health

Major Fields of Research Interest:

Clinical and biological inherited factors in major psychiatric disorders.
Human population genetics, molecular genetics, chromosomal linkage.
Epidemiology, social factors and childhood antecedents in psychiatric illness.
Psychopharmacology and pharmacogenetics.
Science policy and management.

Uniformed Service:

United States Public Health Service, 1969-1971 and 1975-1998
Current Rank: Medical Director, Retired

Funding:

1974-1998. NIMH intramural funding.

Ongoing Research Support

1 R01MH094483-01A1

Gershon (PI; MPI grant)

07/1/20

The Bipolar Genome Study

It has been proposed that this "missing heritability" is transmitted in part through a large number of rare variants of strong genetic effect. Such rare variants might range in frequency from uncommon (<1%) to extremely rare (private mutations), and may include a variety of types including SNPs, indels and CNVs. GWAS, even with next-generation chips, would have limited power to detect such rare variation, and exome sequencing misses many structural variants. Fortunately, next generation sequencing technology has advanced at a staggering pace in the last few years, making whole genome sequencing a practical and affordable tool. We propose to make use of our large collection of families with bipolar disorder and a recent large linkage study conducted by our consortium, in combination with whole genome sequencing and targeted sequencing, to identify rare variants of strong effect that play a causative role in BD.

U01MH092752/Subaward

Kelsoe (PI)

Pharmacogenomics of Mood Stabilizer Response in Bipolar Disorder

Goal: This multi-site collaborative project aims to identify genetic variants in individuals with bipolar disorder that predict response to lithium. We will do this with a combination of retrospective assessment of lithium response in 1600 individuals with BP disorder and analysis of genotype data, as well as a prospective study of 1000 BP individuals who begin an open trial with lithium. Our hypothesis is that genetic variants at several loci predict treatment outcomes with lithium.

Role: Site PI

R21MH083198

Coccaro (PI)

Development of Pharmacologic fMRI Challenge in Healthy Control and Aggressive Subjects

Goal: to develop S-Citalopram (S-CIT) as a Psychopharmacologic Challenge (PPC) agent used in conjunction with the fMRI examination of social-emotional processing. No-cost extension.

Role: Co-Investigator

R01MH084904

Coccaro (PI)

SSRIs and Self-harm in Borderline Personality Disorder

Goal: The proposed randomized clinical trial will prospectively assess the impact of eight weeks exposure to SSRI treatment on self-harm ideation and behavior among a sample of 200 subjects with Borderline Personality Disorder and current major depression.

Co-Investigator

P50MH094267

Rzhetsky (PI)

Conte Center for Computational Systems Genomics of Neuropsychiatric Phenotypes

The purpose of this proposal is to develop mathematical modeling of multiple data types and several neuropsychiatric phenotypes for elucidating disease etiology.

Role: Co-Investigator Project 3, Project 4, and Core C

Completed Research Support

T32MH200065

Gershon (PI)

Multidisciplinary psychiatric genetics training program

The central goal of the Departments in this application, Psychiatry, Human Genetics, Neurobiology, Statistics, and Psychology, is generating innovative biomedical research in behavior, the neurosciences, and genetics. This training program has focused on interdisciplinary approaches to genetics of complex inheritance psychiatric disease, including basic research and technology development, since its inception.

Role: PI

R01MH080425

Liu (PI)

The Genetic and Genomic Study of MicroRNA in Bipolar and Schizophrenia

The goal of this project is to use deep resequencing to exhaustively identify variants in all known human miRNAs. Then we will study the correlation between miRNA variants and gene expression in brain, and association of miRNA variants with schizophrenia (SZ) and bipolar disorder (BD).

Role: Co-Investigator

R01MH077862/Subaward

Sweeney (PI)

Bipolar & Schizophrenia Consortium for Parsing Intermediate Phenotypes

This line of investigation will potentially impact our conceptualization of psychotic disorders help us make critical strides to identify the pathophysiology of psychosis, and guide development of new specific treatments targeting particular deficits. The overall goal of the proposed research is to examine a broad panel of putative endophenotypes in affected individuals with schizophrenia and bipolar and their unaffected relatives in order to: 1) characterize the degree of familial phenotypic overlap between SZ and psychotic BP; 2) identify patterns of endophenotypes unique to the two disorders, and 3) contrast the heritability of endophenotypes across the disorders.

Role: Site PI

R01MH061613

Gershon (PI)

Genetic Linkage Studies in Bipolar Disorders Families

This project is a continuation of a 3-site collaboration-- between investigators at Johns Hopkins, the University of Chicago, and the National Institute of Mental Health--that has developed a bipolar disorder family resource that has proven to be uniquely valuable in testing clinically based hypotheses about the genetic heterogeneity of the illness.

Role: PI

R01MH078151/Subaward

Kelsoe (PI)

Genomic Association Study of Bipolar Disorder

Analysis of Whole Genome Association Data for Bipolar Disorder (Subaward)

The goal of this project is to examine 500,000 SNP markers distributed at an average 6 kb density across the genome using an oligonucleotide microarray-based method, the Affymetrix 500K chip. Familial, early onset bipolar I cases will be selected for all phases of the study in order to maximize the genetic loading.

Role: Site PI

R01MH081804/Subaward

Kelsoe (PI)

Analysis of Whole Genome Association Data for Bipolar Disorder

SNP association and Copy Number Variation (CNV) analysis of already collected data from a previous grant.

Role: Co-Investigator

R01HD041563

Sanders (PI)

Molecular Genetic Study of Sexual Orientation

Linkage study of 1000 male sib-pairs.

Role: Co-Investigator

NARSAD

Gershon (PI)

Distinguished Investigator Award

Genomic imbalances in bipolar disorder and schizophrenia

Role: PI

R01MH065560

Gershon (PI)

Fine Genomic Mapping of 13q32 in Bipolar Disorder

This application proposes a complete molecular characterization of the 13q32 region, as a framework for identification of a susceptibility variant for BP.

Role: PI

R01MH059535

Gershon (PI)

A Collaborative Study of Bipolar Disorder

The collaboration collected approximately 4000 unrelated Bipolar individuals for genetic association studies.

Role: PI

Elliot S. Gershon
Decembe 24, 2015