

Highlights

Awards and Honors

Three Columbia Psychiatry/NYSPI faculty members were awarded NARSAD Prizes in 2006:

- David Shaffer received the Ruane Prize for Childhood Psychiatric Disorders Research

- Jeffrey Lieberman received the Lieber Prize for Schizophrenia Research

- Lorna Role received the Sidney R. Baer, Jr. Prize for Promising Psychiatric Research

Laurence Abbott (Neurobiology and Behavior) was elected to the American Academy of Arts and Sciences.

Anissa Abi-Dargham (Clinical Psychobiology) became Vice President Elect of the Brain Imaging Council of the Society for Nuclear Medicine and serves as the new Field Editor for Brain Imaging for Neuropsychopharmacology, the official ACNP journal.

Mark Bradley (HIV Center) received the 2005 Columbia Samuel W. Perry III, M.D. Distinguished Award in Psychiatric Medicine and was named William Webb Fellow of the Academy of Psychosomatic Medicine.

Dr. Gerard Bruder (Biopsychology) was appointed to the editorial board of the International Journal of Psychophysiology.

Alex Carballo-Diéguez (HIV Center) became a member of the Research Board of the American Foundation for AIDS Research (AmFAR).

Pamela Collins (Social Psychiatry) was appointed Director of the Interdepartmental Global Health Track of the Columbia University Mailman School of Public Health.

Stephanie Collins (Substance Abuse) received a 2005 College on Problems of Drug Dependency Early Career Investigator Travel Award.

Jennifer Downey (Research Assessment and Training) was asked by the APA to organize and chair an On-Line Grand Rounds on Attachment and Sexuality in Psychotherapy. The activity lasted three weeks and involved psychiatric participants both nationally and internationally.

Karen Duff, PhD (Professor of Pathology (in Psychiatry and in the Taub Institute) was awarded the 2006 Potamkin Prize for Research

in Pick's, Alzheimer's and Related Diseases by the American Academy of Neurology.

Anke A. Ehrhardt (HIV Center), was named Chair of the Microbicide Working Group: Behavioral & Social Sciences Issues in Microbicide Research, DHHS, NIH, NIMH, September, 2005. She served as a member of the Review Committee of the Doris Duke Charitable Foundation's Operations Research on AIDS Care and Treatment in Africa program; and was re-elected to the Board of Trustees of the Ford Foundation for the term 2005 - 2011.

Jean Endicott (Research Assessment and Training) was invited to address issues related to evaluation of treatment outcomes at a "think-tank" meeting cosponsored by NIA, NCCAM, NICHD, NIMH, NIH ORWH, and other NIH offices. Her talk was titled "Developing a Research Agenda: New Interventions for Menopausal Symptoms."

Suzette Evans (Substance Abuse) became President-elect of Division 28 (Psychopharmacology and Substance Abuse) in the American Psychological Association.

William Fifer and Michael Myers (Developmental Psychobiology) received a MERIT award from NIH for their grant investigating at-risk populations for neurobehavioral disorders; and were recipients of the 2006 Research Award at the Annual Windflower Ball of the First Candle Foundation for their research efforts on Sudden Infant Death Syndrome.

Dr. Michael First (Biometrics) is directing the DSM-V Prelude Project (web site) and is on the steering committee of the DSM-V/ICD-11 research planning conferences.

Sylvia Fogel (Psychoanalytic Center) was the recipient of the 2005 Lionel Ovesey Award.

Jay Gingrich (Developmental Psychobiology) was the recipient of the Roche-Nature Medicine Prize for Translational Medicine; was awarded one of the first Gatsby Awards for identifying underlying circuitry of specific behaviors and was selected to help plan the NIH Blueprint for Neurodevelopment in the section of Neurodevelopment and Disease.

Michael Goldberg (Neurobiology and Behavior, Mahoney Center) was elected to the American Academy of Arts and Sciences.

Deborah Hasin (Research Assessment and Training) became a member of the APA DSM-V Substance Disorders Core Workgroup; was an invited speaker on gene-environment interaction in the vulnerability

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to alcohol and drug use disorders by the American Academy of Addiction Psychiatry; was an invited speaker on phenotype development for drug use disorders at the NIDA Phenotypes Consortium meeting; and was an invited speaker at a NIDA/NIAAA/NIMH expert workshop on comorbidity in clinical trials.

Joseph Jaffe (Communication Sciences) was elected Distinguished Life Fellow of the American Psychiatric Association.

Eric Kandel (Neurobiology and Behavior) received the Austrian Medal of Honor for Science and Art; became Doctor of Science, Honoris Causa, New York University; and Doctor of Science, Honoris Causa, Rockefeller University.

Herbert Kleber (Substance Abuse) received the Burlingame Award; and was appointed to the following positions: the NIDA National Advisory Council, and the Boards of Directors of: The Partnership for a Drug Free America, the College on Problems of Drug Dependence, and Phoenix House.

Andreas Kraebber (Psychoanalytic Center) received the 2005 Alexander Beller award in recognition of a significant scholarly study in the area of psychoanalytic theory.

Nathan Kravis (Psychoanalytic Center) was the recipient of the Howard Klar award for the outstanding teacher of the Columbia Psychoanalytic Center, chosen by the candidates.

Bruce Levin (HIV Center) was appointed a member of the Scientific Review Committee for the Parkinson's Study Group and a member of the External Advisory Committee for the Pediatric Neuromuscular Clinical Research network. Frances Levin (Substance Abuse) was reappointed for 4 years to the National Institute on Drug Abuse Initial Review Group, Training and Career Development Subcommittee (reappointment for 4 years); and was appointed to Board of Directors, Group for the Advancement of Psychiatry.

Elena and Philip Lister (Psychoanalytic Center) were joint recipients of the John F. O'Connor award for the teaching of psychodynamic concepts to medical students.

John Mariani (Substance Abuse) received a 2005 College on Problems of Drug Dependency Early Career Investigator Travel Award.

Claude Ann Mellins (HIV Center) was named a member of the Scientific Leadership Committee, of the NIH Pediatric HIV/AIDS Cohort Study; and was also named a member of the External Scientific AIDS Workgroup of NIDA.

Heino Meyer-Bahlburg (HIV Center) was named Chair of Subgroup V, Psychosocial Management of Patients with Intersexuality and Re-

lated Conditions, at the International Consensus Conference on Intersex; served as Co-Chair of the Sexuality Research Fellowship Committee of the Social Science Research Council; and became a member of the International Scientific Committee for the XVIII Congress of Sexology to be held in Sydney, Australia in 2007.

Lorna Role (Neurobiology and Behavior) received both the Sidney R. Baer, Jr. Prize from NARSAD and the McKnight Neuroscience of Brain Disorders Award.

Daniel Schechter (Developmental Psychobiology) was re-appointed to a third term on the Infant and Preschool Committee of the American Academy of Child and Adolescent Psychiatry (AACAP).

Harry Shair (Developmental Psychobiology) served as a guest editor of a special edition in the journal of Developmental Psychobiology, "In Recognition of Myron A. Hofer."

Margaret Spinelli (Research Assessment and Training) was asked to be a consultant to the Department of OB/GYN's effort to develop guidelines for practitioners to screen for post partum depression; and was asked by NIMH to chair the review committee for small business grants to develop educational websites for post partum depression.

Dr. Michael Terman (Biopsychology) received the inaugural Elliot D. Weitzman Award from the Sleep Research Society for a pharmacokinetic evaluation of his new low-dose melatonin formulation.

Susan Tross (HIV Center) served as Chair of the HIV Special Interest Group in the NIDA Clinical Trials Network.

Nehal Vadhan (Substance Abuse) received an Early Career Investigator Award, College on Problems of Drug Dependence and the Young Investigator Travel Award to APA, Clinical Trials Network, National Institute on Drug Abuse.

Dr. Janet Williams (Biometrics) was awarded the Knee/Wittman Outstanding Lifetime Achievement Award in Health & Mental Health Policy and Practice from the National Association of Social Workers Foundation. She also served as Vice President of the Institute for the Advancement of Social Work Research.

New Faculty

Karen Duff: Professor of Pathology (in Psychiatry and in the Taub Institute) Director, Center on Pathological & Functional Impact of Tauopathy *in vivo*. Dr. Duff is a leading figure in Alzheimer's Disease

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research and is a major addition to our efforts in neurological research. She will continue to build her own research program and will play a leading role in forming new programs within the Taub Institute, as well as the Departments of Pathology and Psychiatry.

Susan Essock: Professor of Psychology (in Psychiatry) and Director of the new Division of Mental Health Services and Policy Research. Dr. Essock will develop and implement the organizational structure, program of research and educational activities for this new division; recruit faculty; provide leadership and administrative oversight to the division; seek resources to support the faculty, staff and programs of the division through grants and contracts with government and private organizations, and other means of resource development.

Maria Karayiorgou: Professor of Psychiatry (in Genetics and Physiology). Dr. Karayiorgou is one of the top psychiatric geneticists in the world. In her new position, she will collaborate with colleagues working in complementary disciplines to extend her work into clinical studies of human phenotypes of mental disorders of interest, mainly schizophrenia and related psychotic disorders.

Alice Medalia: Professor of Clinical Psychology (in Psychiatry). Dr. Medalia will be establishing and overseeing a Cognitive Rehabilitation Program for psychiatric patients and implement evidence based practices, monitor outcomes and assess the quality of treatment.

Harold Pincus: Professor of Psychiatry at the NewYork-Presbyterian Hospital of Columbia University Medical Center and Vice Chair for Strategic Initiatives (in Psychiatry). In addition, Dr. Pincus holds the position of Director of Quality and Outcomes Research at the NewYork-Presbyterian Hospital. Dr. Pincus is an internationally known figure in academic psychiatry whose research focuses on health services and policy research.

Michael Phillips: Professor of Clinical Psychiatry and Clinical Epidemiology. Dr. Phillips will play a significant role on our faculty in teaching transcultural psychiatry, particularly mental illness and mental health care of the Peoples Republic of China at Columbia. He will also oversee the activities of Columbia faculty interested in working in China in a pedagogic as well as a research capacity

Moira Rynn: Director of the Children's Day Unit, the CAPES Program, and the Operations Core of the NIMH-funded Child Psychiatry Advanced Center for Intervention and Services Research. Dr. Rynn is also the Deputy Director of the Division of Child and Adolescent Psychiatry.

Katherine Shear: Marion Kenworthy Professor of Psychiatry (in

Social Work) at the Columbia University School of Social Work. Dr. Shear is developing teaching and research programs in bereavement and pathologic grief with the Department of Psychiatry in addition to collaborative research with the Division of Anxiety Disorders. In addition, she is developing a program of psychotherapy research and training that will encompass the various psychotherapeutic approaches.

Grants

Researchers at the New York State Psychiatric Institute, the Department of Psychiatry and the Mailman School of Public Health were awarded a \$5 million grant from the National Institute of Mental Health to establish the Columbia Center for Homelessness Prevention Studies. A key objective of the Center is to develop interventions to prevent chronic homelessness among people with severe mental illness.

Dr. Alan Brown (Epidemiology of Brain Disorders) is principal investigator of a \$2M NIMH grant focusing on early developmental insult and the risk of adult affective bipolar disorder. His research will utilize the birth cohort of the Child Health and Development Study, a rich source of prospectively gathered data and biological samples, including maternal sera. This cohort has already yielded significant findings associating prenatal experience with risk of schizophrenia in adulthood.

The Department of Personality Studies' Collaborative Longitudinal Personality Disorders Study (CLPS) was funded by NIMH for four additional years, extending its continuous period of funding to 13 years.

Dr. Deborah Hasin (Research Assessment and Training) received a new NIAAA R01 grant to conduct a randomized clinical trial of a novel drinking-reduction intervention in HIV primary care patients combining Motivational interviewing and self-monitoring via Interactive Voice Response

A major new Columbia Center for Homelessness Prevention Studies was funded by the National Institute of Mental Health, with Dr. Susan Barrow (Epidemiology of Brain Disorders) serving as co-investigator and Associate Director, and Drs. Bruce Link and Daniel Herman (Epidemiology of Brain Disorders) co-directing the research core.

Publications and Major Findings

Dr. Kandel and colleagues (Center for Neurobiology and Behavior)

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found that stathmin, a peptide that is enriched in the amygdala, controls both learned and innate fear. Stathmin is required for the induction of long-term potentiation of synaptic inputs to the amygdala and is essential for regulation of both innate and learned fear.

Drs. Robert Spitzer, Janet Williams, and Michael First, and Miriam Gibbon (Biometrics) published the DSM-IV-TR Case Book, Vol. 2: Experts Tell How They Treated Their Own Patients.

The American Psychiatric Publishing Textbook of Personality Disorders, edited by John M. Oldham, M.D., Andrew E. Skodol, M.D., and Donna S. Bender, Ph.D. (Department of Personality Studies), was published.

Myrna Weissman and colleagues (Clinical and Genetic Epidemiology) found that successful treatment of mothers undergoing depression resulted in a significant decrease in their children's psychiatric disorders. JAMA (March 2006) called a press conference to report these results, which received wide national media coverage including the Washington Post, Wall Street Journal, and the front page of USA Today, and has helped to generate national interest in how to improve the quality of care for depressed mothers.

Mark Olfson and colleagues (Clinical and Genetic Epidemiology) reported in the Archives of General Psychiatry a sharp national increase in antipsychotic treatment of children and adolescents with a variety of mental disorders. This study was widely covered in the media, including the New York Times, CNN, and National Public Radio, and helped to generate a national discussion of the quality of antipsychotic treatment in young people.

Olfson and colleagues also reported on a national study of emergency room assessment and management of young people following attempted suicide. The results, which appeared in the Archives of General Psychiatry and were received widespread press coverage, indicated that mental disorders are diagnosed in only about one-half (56%) of emergency department visits by young people following a suicide attempt. These findings highlight the pressing need for systematic mental health assessments of young people who present to emergency departments following attempted suicide.

Dr. Ezra Susser's (Epidemiology of Brain Disorders) landmark finding associating prenatal famine with schizophrenia has been replicated on a vast scale.

Dr. Susser's research, based on the Dutch 'hunger winter' of 1944-45 when the Nazis blocked food supplies to much of the Netherlands, revealed that individuals who were in utero during the worst of the famine were twice as likely to develop schizophrenia in adult-

hood. Neuroscientist David St. Clair of the University of Aberdeen examined records from China's Great Leap Forward, which is associated with massive famine in 1959-61, and his findings (JAMA, 2005) were remarkably consistent with those of Dr. Susser, showing a 2-fold increase in schizophrenia among individuals prenatally exposed to famine.

In June 2006, Oxford University Press published Psychiatric Epidemiology: Searching for the Causes of Mental Disorders, written by Dr. Ezra Susser (Epidemiology of Brain Disorders) with co-authors Sharon Schwartz, Alfredo Morabia, and Evelyn Bromet. This is the first authored textbook on psychiatric epidemiology in more than 30 years.

Rodrick Wallace (Epidemiology of Mental Disorders) published Consciousness: A mathematical treatment of the global neuronal workspace model, Springer, NY.

B. Timothy Walsh, M.D. (Eating Disorders) received the Association of American Publishers' "Best Book in Clinical Medicine" Award for Treating and Preventing Adolescent Mental Health Disorders, published by Oxford, New York, 2005.

Progress in gene mapping for bipolar disorder was advanced by Dr. Miron Baron and colleagues (Medical Genetics), who found in a large pedigree sample that dense SNPs genotyping supports previous association findings in G72 and NRG1 and provides new evidence of association and linkage of GR1N2A, GRIN2B, and RGS4. These genes show evidence of interaction via a common molecular pathway, suggesting a role for this pathway in the disease susceptibility.

Dr. Bruce Dohrenwend and his colleagues' (Social Psychiatry) paper, "The Psychological Risks of Vietnam for U.S. Veterans" was published in the August 18, 2006 issue of Science. The paper addresses major controversies about combat-related rates of PTSD. There was a great deal of media coverage of the paper, and a symposium about the implications of its findings was held on November 6th at the 2006 annual meeting of the International Society for Traumatic Stress Studies (ISTSS).

The Sequenced Treatment Alternatives to Relieve Depression (STAR*D) and its ancillary studies (Therapeutics) were completed and have generated many contributions to the psychiatric literature. This study is the first to test in a randomized trial of adequate power the effectiveness of standard treatment strategies for patients who are unresponsive to a first SSRI trial for Major Depression.

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Programs and Innovations

The Clinic for Comprehensive Care has been established as a new program dedicated entirely to the rapid, effective translation of the most recent valid data on prevention and therapeutics in schizophrenia. This new clinical program will utilize the latest advances made by the Lieber group, and by other public and private investigators from around the world, to offer new therapies and optimize existing therapies. Advances in identification of biomarkers will be used to refine diagnosis of individuals, and optimize their individualized pharmacologic and behavioral therapy.

Drs. Michael and Juan Su Terman (Biopsychology), in collaboration with Gregory M. Sullivan, M.D., established the first U.S. hospital-based outpatient and inpatient program for light therapy of major depressive disorder, bipolar depression and circadian sleep phase disorders.

The Imprints Center for Genetic and Environmental Life Course Studies, directed by Dr. Ezra Susser (Epidemiology of Brain Disorders), was inaugurated. Imprints brings under a single umbrella the numerous birth cohorts worldwide that serve Department investigators in their pursuit of the origins of neurodevelopmental disorders such as autism, ADHD, schizophrenia and bipolar disorder.

Outpatient services at NewYork-Presbyterian Hospital were reorganized into specialty clinics: Anxiety, Bipolar Disorder, Brain Stimulation Service, Buprenorphine detoxification, Depression, Eating Disorders, Psychotic Disorders, Lyme Disease and Neuropsychiatry.

The Columbia Department of Psychiatry and the New York State Psychiatric Institute held a first annual CME conference, "Advances in Psychiatry: A Guide to Clinical Practice," in April, 2006. This will be an annual event, in which a wide range of departmental faculty will provide clinically-relevant research updates. Audio-video content from this conference have been posted in the newly redesigned [Columbiapsychiatry.org](http://www.columbiapsychiatry.org/update/index.html) website at <http://www.columbiapsychiatry.org/update/index.html>

In July 25, 2006, the Columbia Psychoanalytic Center was the host of a 2-day meeting to develop an outcome study for psychoanalysis. The invited researchers were all experts in clinical trials of either cognitive behavioral therapy, supportive expressive therapy, or medication treatment for antidepressants.

The Donald F. Klein Symposium, an all-day celebration of the contributions to psychiatry of Donald F. Klein, M.D. (Therapeutics) on the occasion of his retirement, featuring presentations of his seminal works and their impact on psychiatry was held in October 2006.

An electronic medical record (EMR) was installed for outpatients at NewYork-Presbyterian Hospital, for the first time enabling objective tracking of patients being treated and their outcomes.

Awards to Residents

Susanne Ahmari, Eddie Griffin, Carolyn Rodriguez - NIMH Outstanding Resident Award.

Gold Foundation at Columbia, picked by medical students from all CPMC housestaff, selected Mark Eldaief - the Humanism and Excellence in Teaching Award.

Elizabeth Fitelson - PRITE Fellowship of the American College of Psychiatry

Kareem Ghalib elected to Group for the Advancement of Psychiatry

Eddie Griffin - APIRE Research Colloquium Award.

Steve Kushner and Kristin Leight were among the 14 in the Circle of Excellence

Christina Mangurian, David Merrill - APIRE / Janssen Research Awards.

Michelle Merrill - American Psychoanalytic Association Psychoanalytic Fellowship.

Jeff Miller - APA / Lilly Resident Research Award. His paper was "Brain serotonin transporter and serotonin transporter polymorphism genotype predict one year remission from major depression."

David Schab and Jeremy Butler received Laughlin Awards for Contributions to the Residency from ACP.

Roman Snihurovych - Robert Bosch Foundation Fellowship for Future American Leaders, to do research on health care delivery in Berlin next year.

Katharine Stratigos, Anna Gross, Ilana Nossel - APA Industry Sponsored Fellowships.

S. Robert Vorel - First Prize in NY District Branch APA Resident Research Awards and The Frieda Fromm-Reichmann Award of the American Association of Directors of Psychiatric Residency Training. "A neurobiologic substrate for mental representations."

Kathleen Young received the Beatrix Hamburg Award for Best Poster at AACAP.