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APPLICATION ON REVERSE SIDE

**Psychiatric Genetics: CURRENT FINDINGS AND CLINICAL APPLICATIONS**



# Psychiatric Genetics

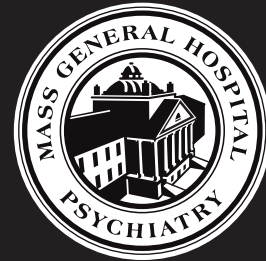
**CURRENT FINDINGS AND  
CLINICAL APPLICATIONS**

**SATURDAY, SEPTEMBER 18, 2004**

**O'KEEFE AUDITORIUM  
MASSACHUSETTS GENERAL HOSPITAL  
BOSTON, MASSACHUSETTS**



**HARVARD MEDICAL SCHOOL**  
Department of Continuing Education



**MASSACHUSETTS GENERAL HOSPITAL**  
Department of Psychiatry

**Harvard Medical School**  
Department of Continuing Education  
P.O. Box 825  
Boston, MA 02117-0825



## PSYCHIATRIC GENETICS: CURRENT FINDINGS AND CLINICAL APPLICATIONS

September 18, 2004

Extraordinary advances in genetics are accelerating progress in the theory and practice of modern psychiatry.

Keeping pace of this progress requires that clinicians equip themselves with a new vocabulary, knowledge of new research tools and the most up-to-date concepts regarding the role of genetic factors in psychiatric disorders, and the potential impact of genetic findings on your practice. This course was expressly designed to help you, the clinician, achieve these goals.

This course is for clinicians in practice who are eager to remain abreast of the cutting edge in this field.

More than ever, we have chosen faculty whose attention to crystal clear teaching conveys the excitement sweeping across the frontiers of psychiatry.

Our plain-talking lectures will guide course participants through an understanding of basic genetics and genomics, research methods in psychiatric genetics, the genetics of specific disorders (e.g., Autism, ADHD, Tourette's, OCD, Psychotic, Affective, Anxiety, and Substance Abuse), the potential role of genetics in drug response (pharmacogenetics), and clinical applications of genetic information (including genetic counseling and testing).

### COURSE DIRECTORS

Jerrold F. Rosenbaum, M.D.

David Pauls, Ph.D.

Deborah Blacker, M.D., Sc.D.

Jordan Smoller, M.D., Sc.D.

Robert J. Birnbaum, M.D., Ph.D.

### COURSE OBJECTIVES

- State-of-the-science information about the genetic basis of a broad range of psychiatric disorders and the relevance of this information to clinical practice
- Methodologies used to identify susceptibility genes for psychiatric disorders
- Identifying features of genetic syndromes that may present with psychiatric manifestations
- Principles and techniques used in genetic counseling and their application to psychiatry

SATURDAY, SEPTEMBER 18, 2004

7:00 – 7:45	<b>Continental Breakfast</b> (outside O'Keefe)
7:15 – 7:45	<b>Registration</b>
7:45 – 8:00	<b>Introduction</b> Course Directors
8:00 – 9:00	<b>Basic Genetics &amp; Genomics Primer</b> Pamela Sklar, M.D., Ph.D.
9:00 – 10:00	<b>Methods</b> Deborah Blacker, M.D., Sc.D.
10:00 – 10:15	<b>Coffee Break</b>
10:15 – 10:45	<b>Genetics of Childhood Disorders: Autism</b> Susan Santangelo, Sc.D.
10:45 – 11:15	<b>Genetics of Childhood Disorders: ADHD</b> Stephen V. Faraone, Ph.D.
11:15 – 11:45	<b>Genetics of Childhood Disorders: Tourette's &amp; OCD</b> David Pauls, Ph.D.
11:45 – 12:15	<b>Genetics of Psychotic Disorders</b> Stephen V. Faraone, Ph.D.
12:15 – 1:30	<b>Break</b>
1:30 – 2:00	<b>Genetics of Mood Disorders</b> Jordan Smoller, M.D., Sc.D.
2:00 – 2:30	<b>Genetics of Anxiety Disorders</b> Jordan Smoller, M.D., Sc.D.
2:30 – 3:00	<b>Genetics of Substance Abuse Disorders</b> Michael Lyons, Ph.D.
3:00 – 3:30	<b>Genetic Syndromes with Psychiatric Manifestations</b> Christine Finn, M.D.
3:30 – 3:45	<b>Coffee Break</b>
3:45 – 4:15	<b>Pharmacogenetics</b> Roy Perlis, M.D.
4:15 – 5:00	<b>Clinical Applications: Counseling and Testing</b> Beth Rosen-Sheidley, M.S., C.G.C. and Christine Finn, M.D.
5:00 – 5:30	<b>Future of Psychiatric Genomics /Genetics</b> David Pauls, Ph.D.

**ROBERT J. BIRNBAUM, M.D., Ph.D.**, Assistant Professor of Psychiatry, Harvard Medical School; Associate Psychiatrist and Medical Director, Division of Postgraduate Education, Department of Psychiatry, Massachusetts General Hospital.

**DEBORAH BLACKER, M.D., Sc.D.**, Associate Professor in Psychiatry, Harvard Medical School; Associate Professor in Epidemiology, Harvard School of Public Health; Director, Gerontology Research Unit, Massachusetts General Hospital.

**STEPHEN V. FARAONE, Ph.D.**, Clinical Professor of Psychiatry, Harvard Medical School, Professor in the Department of Epidemiology, Harvard School of Public Health; Director, Pediatric Psychopharmacology Research, Massachusetts General Hospital.

**CHRISTINE T. FINN, M.D.**, Instructor in Psychiatry, Harvard Medical School; Assistant in Psychiatry, Massachusetts General Hospital; Harvard Partners Center for Genetics and Genomics.

**MICHAEL LYONS, Ph.D.**, Professor in the Department of Psychology, Boston University; Chief of Twin Research, Harvard Institute of Psychiatric Epidemiology and Genetics.

**DAVID PAULS, Ph.D.**, Professor of Psychiatry (Genetics), Harvard Medical School; Director, Psychiatric and Neuro-developmental Genetics Unit, Massachusetts General Hospital.

**ROY PERLIS, M.D.**, Instructor in Psychiatry, Harvard Medical School; Director, Pharmacogenomics Research, Depression and Bipolar Research Programs, Massachusetts General Hospital.

**JERROLD F. ROSENBAUM, M.D.**, Professor of Psychiatry, Harvard Medical School; Chief of Psychiatry, Massachusetts General Hospital; President and Executive Director, The Massachusetts General Hospital Mood and Anxiety Disorders Institute (MADI).

**BETH ROSEN-SHEIDLEY, M.S., C.G.C.**, Board Certified Genetic Counselor, Psychiatric Genetic Program in Mood and Anxiety Disorders, Department of Psychiatry, Massachusetts General Hospital.

**SUSAN SANTANGELO, Sc.D.**, Assistant Professor of Psychiatry, Harvard Medical School; Director of Genetic Epidemiology and Statistical Genetics, Psychiatric and Neurodevelopmental Genetics Unit, Massachusetts General Hospital; Assistant Professor in Epidemiology, Harvard School of Public Health; Associate Director, Training Program in Psychiatric Epidemiology and Biostatistics, Harvard School of Public Health.

**PAMELA SKLAR, M.D., Ph.D.**, Assistant Professor of Psychiatry (Genetics), Harvard Medical School; Clinical Assistant in Psychiatry and Associate Director of Psychiatry and Neurodevelopmental Unit, Massachusetts General Hospital; Associate Member of Broad Institute at Massachusetts Institute of Technology.

**JORDAN SMOLLER, M.D., Sc.D.** Assistant Professor in Psychiatry, Harvard Medical School; Director of Psychiatric Genetic Program in Mood and Anxiety Disorders, Outpatient Division, Department of Psychiatry, Massachusetts General Hospital.

## REGISTRATION INFORMATION

**Tuition Fee – \$150 (U.S.)**. All foreign payments must be made by a draft on a United States bank or by Visa or Mastercard. If paying by check, make it payable to *Harvard Medical School* and mail with the completed registration form to: **Harvard MED-CME, P.O. Box 825, Boston, MA 02117-0825**. If paying by credit card, fax the completed registration form to (617) 384-8686, register online at [www.cme.hms.harvard.edu](http://www.cme.hms.harvard.edu), or mail it to the above address. **Telephone registrations are not accepted**. Inquiries should be directed to the above address, made by phone: (617) 384-8600, Monday - Friday, 10 a.m. to 4 p.m. (Eastern Time) or by e-mail: [hms-cme@hms.harvard.edu](mailto:hms-cme@hms.harvard.edu). Upon receipt of registration a confirmation letter will be mailed to the address listed on the form.

## REFUND POLICY

A handling fee of \$60 is deducted for cancellation. Refund requests must be received by mail one week prior to the course. No refunds will be made thereafter.

## COURSE LOCATION

All sessions will be held at **Massachusetts General Hospital, O’Keeffe Auditorium**, Blake 1, 55 Fruit Street, Boston, MA 02110.

## ACCOMMODATIONS

*Hotel rooms in Boston are limited. You are urged to make your reservations early.* A limited number of rooms have been reserved at the **Holiday Inn Select**, 5 Blossom Street, Boston, MA, conveniently located near Massachusetts General Hospital (Telephone: (617) 742-7630), until **August 25, 2004**. Please specify that you are enrolled in this course to receive a reduced room rate. Please note that there are a limited number of rooms available at this discounted rate. To ensure that you get the group rate, it is recommended that you make your reservations as soon as you receive confirmation of enrollment, as these discounted rooms often sell out before the date noted above. For additional housing assistance, please call Boston Reservations at 617-332-4199.

A map of Boston listing local hotels will be sent with your confirmation of enrollment.

## TRAVEL

For information on reduced airfare, call Harvard MED-CME at (617) 384-8600, Monday-Friday, 10 a.m. to 4 p.m. (Eastern Time).

## ACCREDITATION

**Physicians:** Harvard Medical School is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Harvard Medical School designates this educational activity for a maximum of 8 category 1 credits toward the AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the educational activity.

The American Medical Association has determined that physicians not licensed in the US who participate in this CME activity are eligible for AMA PRA category 1 credit.

**Psychologists:** Massachusetts General Hospital, Department of Psychiatry is approved by the American Psychological Association to offer continuing education for psychologists. Massachusetts General Hospital, Department of Psychiatry maintains responsibility for the program. This offering meets the criteria for 7.5 C.E. credits for psychologists.

**Genetic Counselors:** We have submitted an application to ABGC for category 1 credits and review is still pending. Please call Harvard Medical School at (617) 384-8600 for more information about contact hours.

## ONLINE INFORMATION

To register, view course information online, or for a complete list of upcoming courses and home study courses, visit our home pages:

<http://www.cme.hms.harvard.edu>  
<http://www.MGHpsychEd.org>



## PSYCHIATRIC GENETICS

**Saturday, September 18, 2004**

**Course # 241343**

**Fee: \$150 (U.S.)**

Attendance is  
 Limited —  
 Register Today

Full Name (PLEASE PRINT OR TYPE) \_\_\_\_\_ Degree \_\_\_\_\_  
FIRST MIDDLE INITIAL LAST

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STREET CITY STATE ZIP CODE

Daytime Phone (\_\_\_\_\_) \_\_\_\_\_ Fax Number (\_\_\_\_\_) \_\_\_\_\_

E-Mail Address \_\_\_\_\_  Please check if you wish to be **excluded** from receiving email notices of future Harvard MED-CME programs.

Medical or Professional School Attended \_\_\_\_\_ Profession \_\_\_\_\_ Year of Graduation \_\_\_\_\_

Principal Specialty \_\_\_\_\_ Board Certified: (Yes \_\_\_\_\_) (No \_\_\_\_\_)

### METHOD OF PAYMENT CHECK ONE BELOW

Check is enclosed: Please make your check payable to *Harvard Medical School* and mail it with this registration form to:

**Harvard MED-CME, P. O. Box 825, Boston, MA 02117-0825**

Bill my credit card:

VISA  MASTERCARD Registrations paid by credit card can be faxed to (617) 384-8686.

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