4th Annual
Psychiatric Pharmacogenomics
February 7–9, 2010

The Mauna Lani Bay Hotel

SPECIAL LECTURE
Distinguished Visiting Professor of Pharmacology
Richard Weinshilboum, M.D.
COURSE DESCRIPTION
This course will teach clinicians how to use new biotechnological tools to assist in the choice of the right medicine at the right dose for the right patient. Some of the biotechnologies discussed will be Cytochrome P450 testing, neuroimaging, and understanding genes involved in the metabolic pathways of various psychotropic drugs.

COURSE LEARNING OBJECTIVES
Upon conclusion of this program, participants should be able to:

• Describe the basic principles of molecular genetic testing.
• Interpret pharmacogenomic testing for psychotropic medications.
• Identify the ethical, legal and social issues that are relevant when conducting genetic testing.
• Recognize the clinical benefits of pharmacogenomic testing for the management of pharmacotherapy in a clinical psychiatric practice.

Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

INTENDED AUDIENCE
Psychiatrists, Psychologists, Psychiatric Nurses, Physician Assistants, Nurse Practitioners and Clinical Nurse Specialists.

CREDIT
Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Mayo Clinic College of Medicine designates this educational activity for a maximum of 21.75 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

DATE AND LOCATION
Psychiatric Pharmacogenomics will be held February 7-9, 2010. Course headquarters will be located outside the Mauna Lani Lanai Ballroom with registration starting Sunday, February 7th at 6:30 a.m.

REGISTRATION
To register online, visit http://mayoweb.mayo.edu/cme/feb2010.html, or complete the attached registration form and return by mail or fax. The registration fee includes tuition, comprehensive electronic course syllabus, continental breakfasts, and refreshments. Although it is not Mayo School of CME policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. A letter of confirmation will be sent upon receipt of payment and completed registration form. Please present the confirmation letter when checking in at the meeting registration desk.

CANCELLATION POLICY
If you cancel your participation in this course, your registration fee, less a $75 administrative fee, will be refunded when written notification is received by Mayo School of CME before January 13, 2010 (fax#: 507-284-0532). No refunds will be made after January 13, 2010.

Mayo School of CME reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo School of CME must cancel or postpone this course, Mayo School of CME will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.

LODGING ACCOMMODATIONS
Hotel reservations are the sole responsibility of the individual registrant. The Mauna Lani Resort (meeting headquarters) includes the luxurious Mauna Lani Resort, Mauna Lani Spa and the Francis H I’I Brown Golf Courses. Mauna Lani is renowned for its long-standing devotion to preserving and enhancing the cultural history of Hawaii.

The Mauna Lani Resort extends the following excellent group rate per room per night to course participants and their families: Run of the Ocean View $279.00.

Service charges and taxes are not included in the above mentioned rate.
Reservations can be made by identifying yourself as a participant in the Mayo Clinic “Psychiatric Pharmacogenomics” course. To make a reservation please call 1-800-367-2323.

Please note that sleeping rooms are limited, and you are encouraged to make your reservations early.

Check-In Time is 3:00 PM, Check-Out Time is 12:00 PM.

The above discounted rates are also available from February 6th – February 9th, 2010. Group rates are available three (3) days pre and post of contracted dates, based on group rate availability.

FACULTY DISCLOSURE
As a provider accredited by ACCME, Mayo Clinic College of Medicine (Mayo School of CME) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director(s), planning committee, faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.

FACULTY
Course Director
David A. Mrazek, M.D., F.R.C.Psych.

Course Co-Directors
John L. Black III, M.D.
Brett A. Koplin, M.D.

Mayo Faculty
John L. Black III, M.D.
Victor M. Karpyak, M.D., Ph.D.
Barbara A. Koenig, Ph.D.
Brett A. Koplin, M.D.
David A. Mrazek, M.D.
Dennis J. O’Kane, Ph.D.
Richard Weinshilboun, M.D.
Eric D. Wieben, Ph.D.

Distinguished Guest Faculty
James T. McCracken, M.D.
Professor in Residence and Director
Division of Child and Adolescent Psychiatry
UCLA Neuropsychiatric Institute and Hospital

James Kennedy, M.D.
Professor, Department of Psychiatry
University of Toronto
Toronto, Ontario, Canada
Sunday, February 7, 2010
6:30 – 7:30 a.m. Registration and Continental Breakfast
7:30 – 7:45 a.m. Welcome and Overview of the Day
  David A. Mrazek, M.D., F.R.C.Psych
7:45 – 9:15 a.m. Molecular Genetic Review
  Eric D. Wieben, Ph.D.
9:15 – 10:00 a.m. Molecular Genetic Testing
  Dennis J. O’Kane, Ph.D.
10:00 – 10:15 a.m. Break
10:15 – 11:00 a.m. Cytochrome P450 Drug Metabolizing Genes
  David A. Mrazek, M.D., F.R.C. Psych.
11:00 – 11:45 a.m. The Transporter Genes
  James Kennedy, M.D.
11:45 – 12:30 p.m. The Serotonin Receptor Genes
  James T. McCracken, M.D.
12:30 – 12:45 p.m. Break
12:45 – 1:30 p.m. Dopamine Receptor Genes
  James T. McCracken, M.D.
1:30 – 2:30 p.m. Lunch
2:30 – 4:00 p.m. Review of Morning Presentations and Discussion Session
4:00 p.m. Adjourn
6:00 p.m. Welcome Reception

Monday, February 8, 2010
6:30 – 7:30 a.m. Registration and Continental Breakfast
7:30 – 7:45 a.m. Welcome and Overview of the Day
  David A. Mrazek, M.D., F.R.C.Psych.
7:45 – 8:30 a.m. Ethical, Legal and Social Issues of Pharmacogenetics
  Barbara A. Koenig, Ph.D.
8:30 – 9:15 a.m. Pharmacogenomics of Antidepressant Medications
  David A. Mrazek, M.D., F.R.C. Psych.
9:15 – 10:00 a.m. Pharmacogenomics of Antipsychotic Medications
  James T. McCracken, M.D.
10:00 – 10:15 a.m. Break
10:15 – 11:00 a.m. Pharmacogenomic Issues in the Treatment of ADHD
  James T. McCracken, M.D.
11:00 – 11:45 a.m. Pharmacogenomics of Issues in the Treatment of Substance Abuse
  Victor Karpyak, M.D.
11:45 – 12:30 p.m. Pharmacogenomics of Mood Stabilizers
  James Kennedy, M.D.
12:30 – 1:30 p.m. Distinguished Visiting Professor of Pharmacology
  Richard Weinshilboum, M.D.
1:30 – 2:30 p.m. Lunch
2:30 – 4:00 p.m. Review of Morning Presentations and Discussion Group
4:00 p.m. Adjourn

Tuesday, February 9, 2010
6:30 – 7:30 a.m. Registration and Continental Breakfast
7:30 – 7:45 a.m. Welcome and Overview of the Day
  David A. Mrazek, M.D., F.R.C.Psych.
7:45 – 8:30 a.m. New Research Findings in Psychiatric Pharmacogenomics
  James Kennedy, M.D.
8:30 – 8:45 a.m. Questions
8:45 – 9:30 a.m. New Advances in High Throughput Genotyping
  Eric D. Wieben, Ph.D.
9:30 – 9:45 a.m. Questions
9:45 – 10:30 a.m. New Advances in the Clinical Laboratory Testing
  Dennis J. O’Kane, Ph.D.
10:30 – 10:45 a.m. Questions
10:45 – 11:00 a.m. Break
11:00 – 11:45 a.m. The Development of Genetic Databases
  Barbara A. Koenig, Ph.D.
11:45 – 12:00 p.m. Questions
12:00 – 12:45 p.m. Clinical Case Workshop
  Brett A. Koplin, M.D.
12:45 – 1:30 p.m. Future Applications and Implications of Clinical Genotyping
  David A. Mrazek, M.D., F.R.C.Psych
1:30 p.m. Aloha
REGISTRATION FORM

4th Annual Psychiatric Pharmacogenomics
Mauna Lani Bay Hotel
February 7–9, 2010 • 68-1400 Mauna Lani Drive • Kohala Coast, HI 96743

Mail form and payment to:
Mayo School of Continuing Medical Education
Plummer 2-60
200 First Street SW
Rochester, MN 55905
Phone 800-323-2688 or 507-284-2509
Fax 507-284-0532
Email cme@mayo.edu
Web site www.mayo.edu/cme

REGISTRATION FORM 2010R619

Contact Information
Name of Registrant – first name, middle name or initial, and last name
Name of Institution
Preferred Mailing Address – select one
Work/Business Address – street address
City
Home Address – street address
City
Email Address

Type of credit that you are interested in receiving: □ AMA/PRA Category 1™

Welcome Reception, Sunday, February 7, 2010
(Attendee price only is included in the registration fee.)
I plan to attend – Yes _____ No _____
I will bring a guest(s) – Yes _____ No _____
(Guest Fee Listed Below)
Total number attending – _____

Registration Fee (includes electronic course syllabus):
Physicians/Scientists – $650 $ _____
Physician Assistants and Nurse Practitioners – $525 $ _____
Printed Course Syllabus $50 $ _____
Reception Guest Fee: $50 x _____ = $ _____
Total Payment Enclosed $ _____

Payment Information
☐ Check is enclosed in the amount shown at right - make checks payable to Mayo Clinic
Credit Card - select one
☐ Discover ☐ MasterCard ☐ Visa
Account Number Exp Date - mm/yy
Name of Cardholder – as it appears on the card Signature of Cardholder – required

Professional Services of Mayo Clinic

Special Needs
If you have special assistance needs or dietary restrictions, describe here:

Registration on-line at http://mayoweb.mayo.edu/cme/feb2010.html