



# HARVARD MEDICAL SCHOOL

## DEPARTMENT OF CONTINUING EDUCATION

### DEMENTIA: A COMPREHENSIVE UPDATE

June 1 - 3, 2011

at the

Fairmont Copley Plaza Hotel, Boston

under the direction of

Alireza Atri, MD, PhD and Bradford Dickerson, MD

Co-Sponsored by

Cognitive & Behavioral Neurology, Memory Disorders, and Frontotemporal Disorders Units/Divisions Attending Staff, Harvard Partners Neurology Departments Geriatric, Research, Education and Clinical Center Attending Staff, New England GRECC and ENRM Veterans Administration Bedford Medical Center

Alzheimer's Association of Massachusetts and New Hampshire



#### Brigham & Women's Hospital

Andrew E. Budson, MD  
Kirk R. Daffner, MD  
Reisa A. Sperling, MD

#### Massachusetts General Hospital

Alireza Atri, MD, PhD  
David N. Caplan, MD, PhD  
Bradford C. Dickerson, MD, MMSc  
Lauren R. Moo, MD  
Jeremy D. Schmahmann, MD

#### McLean Hospital

Bruce H. Price, MD

Clive G. Ballard, MB ChB, MRCPsych, MD  
Director of Research, Alzheimer's Society, United Kingdom; Professor of Age-Related Diseases King's College, London, London, UK

Rachelle S. Doody, MD, PhD  
Effie Marie Cain Chair in Alzheimer's Disease Research Director, Alzheimer's Disease and Memory Disorders Center; Professor of Neurology, Baylor College of Medicine, Houston, TX

Kenneth H. Heilman, MD  
Director, Cognitive and Memory Disorder Clinic; Program Director and Chief, North Florida VAMC; James E. Rooks, Jr. Distinguished Professor of Neurology & Health Psychology, University of Florida, Gainesville, FL

M.-Marsel Mesulam, MD  
Director, Cognitive Neurology and Alzheimer's Disease Center, Ruth and Evelyn Dunbar Professor of Neurology and Psychiatry, Northwestern University Feinberg School of Medicine, Chicago, IL

Ronald C. Petersen, MD, PhD  
Professor of Neurology, Director, Mayo Clinic Alzheimer's Disease Research Center, Rochester, MN

Paul R. Solomon, PhD  
Director, The Memory Clinic, Bennington VT; Professor of Psychology, Williams College, Williams, MA

Jean Paul G. Vonsattel, MD  
Director, New York Brain Bank  
Taub Institute For Research On Alzheimer's Disease And The Aging Brain; Professor of Pathology, Columbia University, New York, NY

Sandra Weintraub, PhD  
Professor of Psychiatry and Behavioral Sciences, Cognitive Neurology and Alzheimer's Disease Center, Northwestern University Feinberg School of Medicine, Chicago, IL

#### GUEST FACULTY

#### FACULTY

Alireza Atri, MD, PhD  
Instructor in Neurology, Harvard Medical School

Lindsay Brennan, LSW  
Manager, Helpline Services  
Alzheimer's Association, MA/NH Chapter

Andrew E. Budson, MD  
Professor of Neurology, Boston University School of Medicine

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Kirk R. Daffner, MD  
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Associate Professor of Neurology, Harvard Medical School

James M. Ellison, MD, MPH  
Associate Professor of Psychiatry, Harvard Medical School

Barry S. Fogel, MD  
Clinical Professor of Psychiatry, Harvard Medical School

Stephen N. Gomperts, MD  
Instructor in Neurology, Harvard Medical School

Steven Greenberg, MD, PhD  
Professor of Neurology, Harvard Medical School

Ann McKee, MD  
Associate Professor of Neurology and Pathology, Boston University School of Medicine

Lauren R. Moo, MD  
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Jeremy D. Schmahmann, MD  
Professor of Neurology, Harvard Medical School

Reisa A. Sperling, MD, MMSc  
Associate Professor of Neurology, Harvard Medical School

Sumer D. Verma, MD, MB  
Associate Professor of Psychiatry, Boston University School of Medicine

Anand Viswanathan, MD, PhD  
Assistant Professor of Neurology  
Harvard Medical School

Dementia: A Comprehensive Update is a three-day review course organized by Neurology faculty members of Harvard Medical School who specialize in the care of patients with cognitive and behavioral disorders at Massachusetts General Hospital, Brigham and Women's Hospital, and McLean Hospital. The course takes a multidisciplinary approach to understanding dementia and is designed for neurologists, psychiatrists, internists, primary care physicians, geriatricians, psychologists, nurse specialists, social workers, occupational therapists, research scientists, and other health professionals involved in the diagnosis, management, and investigation of disease states causing dementia.

The organization of the course takes an integrative approach by interleaving lectures (1) establishing the neuroanatomical and cognitive framework underlying disorders of cognition, (2) addressing specific diseases (e.g. Alzheimer's, Parkinsonian dementias, Frontotemporal dementias), and (3) discussing approaches to the diagnosis and treatment of dementing illnesses.

Day one will integrate a conceptual framework of the functional organization of the cerebral hemispheres, with an emphasis on memory systems, with new clinical and basic science concepts of Alzheimer's disease, ending with a plenary session describing the new diagnostic approach to Alzheimer's. This conceptual framework will be explained using case-based examples as well as specific lectures addressing Mild Cognitive Impairment, Alzheimer's disease, neuroimaging, and genetics, and the neuropsychiatry of dementia.

Day two will integrate the cognitive neuroscience of executive, language, and motor systems, with a clinical approach to Frontotemporal, Parkinsonian, and vascular dementias. Day two will also highlight the clinical approach to the mental status exam, neuropsychological testing, and the evaluation of rapidly progressive dementias.

Day three will start with overviews of the neuropathology of dementia and traumatic brain injury and will then address management issues including current and future pharmacologic, non-pharmacologic, and social service approaches.

By the conclusion of the course, participants will be up-to-date on topics in clinical neurology, psychiatry, and psychology and in neuroscience research that bear on present and future approaches to the diagnosis and management of dementia.

#### Attendance Limited

#### Program and Registration Information on Reverse Side

### DEMENTIA: A COMPREHENSIVE UPDATE Class #312209

June 1 - 3, 2011

All Fields Required. Please Print Clearly

Tuition Fee for Physicians and Doctoral Level Professionals: \$695 (USD)  
Residents\*/Fellows in Training\* and Allied Health Professionals: \$395 (USD)

Full Name \_\_\_\_\_ Degree \_\_\_\_\_  
 First Middle Initial Last  
 Mailing Address \_\_\_\_\_  
 Street City State Zip Code  
 Daytime Phone (\_\_\_\_) \_\_\_\_\_ Fax Number (\_\_\_\_) \_\_\_\_\_

Please note: Your email address is used for critical information about the course including: registration confirmation, course evaluation and certificate. Please be sure to include an email address you check daily or frequently.

E-mail Address \_\_\_\_\_  
 Please check if you want to be **excluded** from receiving email notices of future Harvard Medical School, Department of Continuing Education programs.

Professional School Attended \_\_\_\_\_ Year of Graduation \_\_\_\_\_

Profession \_\_\_\_\_

Primary Specialty (Physicians Only) \_\_\_\_\_ Board Certified: Yes  No

Organization Affiliation \_\_\_\_\_

\*A letter of verification from Department Chair must accompany registration form for a reduced fee.

#### Payment Information

If paying by check, please make payable to Harvard Medical School and mail it with this registration form to:

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

If paying by credit card, telephone, fax or mail-in registrations are not accepted. Please register online at [www.cme.hms.harvard.edu/courses/dementia](http://www.cme.hms.harvard.edu/courses/dementia)

Online Registrants: Add the first three characters of the source code found here →

Source Code: A B C D E F G H X Z Z Z

## GENERAL INFORMATION

- 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 20.75 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.
- PSYCHOLOGISTS** - This program is sponsored by the Division of Cognitive and Behavioral Neurology and Partners Neurology. The Division of Cognitive and Behavioral Neurology is approved by the American Psychological Association to sponsor continuing education for psychologists. The Division of Cognitive and Behavioral Neurology maintains responsibility for this program and its content. This program offers 20 CE credits to psychologists upon successful completion.
- SOCIAL WORKERS** - Application for continuing education credits has been made to the Massachusetts Chapter of the National Association of Social Workers.
- REGISTRATION INFORMATION:** **Tuition Fee for Physicians and Doctoral Level Professionals - \$695 (USD). Reduced Fee for Residents/Fellows in Training** (with a letter of verification from Department Chair) **and Allied Health Professionals - \$395(USD)**. All foreign payments must be made by a draft on a United States Bank or by Visa or MasterCard. If paying by check, please make payable to *Harvard Medical School* and mail with completed registration form to: **Harvard Medical School-Department of Continuing Education, P.O. Box 825, Boston, MA 02117-0825**. If paying by credit card, please register online at [www.cme.hms.harvard.edu/courses/dementia](http://www.cme.hms.harvard.edu/courses/dementia). **Telephone, fax or mail-in registration with credit card payment is not accepted.** Inquiries should be directed to the above address, made by phone: (617) 384-8600, Monday - Friday, 10 AM to 4 PM (EST), or by e-mail: [hms-cme@hms.harvard.edu](mailto:hms-cme@hms.harvard.edu). Upon receipt of your registration form an email confirmation from the HMS-DCE office will be sent to you. Therefore, be sure to include an email address that you check daily/frequently. Your email address is used for critical information about the course including: registration confirmation, course evaluation and certificate.
- ONLINE INFORMATION:** **To register or view course information online at [www.cme.hms.harvard.edu/courses/dementia](http://www.cme.hms.harvard.edu/courses/dementia). To ensure proper registration, please add the first three characters of the source code found at the bottom of the registration form.**
- REFUND POLICY:** A handling fee of \$60 is deducted for cancellation. Refund requests must be received by mail or fax one week prior to the course. No refunds will be made thereafter.
- COURSE LOCATION:** All sessions will be held at the **Fairmont Copley Plaza Hotel**, 138 St. James Street, Boston, MA 02116 (617-267-5300 or 800-795-3906).
- ACCOMMODATIONS:** **Hotel rooms in Boston and Cambridge are limited. You are urged to make your reservations early.** A limited number of rooms have been reserved at the **Fairmont Copley Plaza Hotel** until **May 10, 2011**. Please specify that you are enrolled in this course and you will receive a reduced room rate of \$295 Single/\$305 Double per night. A map of Boston and Cambridge listing local hotels will be sent with your confirmation of enrollment.
- TRAVEL:** Please do not make non-refundable airline reservations until your enrollment in the course has been confirmed. You can make your airline reservation by calling the HMS Travel Desk toll free 1(877) 4-HARVMD (1-877-442-7863) Monday - Friday 9 AM - 8 PM (EST). From outside the U.S., Canada and Virgin Islands, please call (617) 559-3764.

### Wednesday, June 1, 2011

8:30 - 8:40	Welcome and Introductory Remarks .....	Drs. Atri & Dickerson
8:40 - 9:25	Functional Organization of the Cerebral Hemispheres .....	D.N. Caplan, MD, PhD
9:25 -10:10	Neuropsychiatry of Dementia .....	B.H. Price, MD
10:10 -10:25	<i>Coffee Break</i>	
10:25 -11:10	Neuroimaging, CSF & Genetics Testing in Dementia .....	B.C. Dickerson, MD, MMSc
11:10 -11:45	Memory Systems in Dementia .....	A.E. Budson, MD
11:45 -12:15 pm	Panel Discussion .....	AM Faculty
12:15 - 1:45	<i>Lunch Break</i>	
	<b>2011 PLENARY SESSION:</b>	
	<b>The Revised Alzheimer's Disease Spectrum: New Criteria for Preclinical AD, MCI and Alzheimer's Dementia</b>	
1:45 - 2:35	Alzheimer's Disease & Alzheimer's Dementia: Overview .....	A. Atri, MD, PhD
2:35 - 3:25	Mild Cognitive Impairment: Old & New Criteria .....	R.C. Petersen, MD, PhD
3:25 - 3:40	<i>Coffee Break</i>	
3:40 - 4:30	Preclinical Alzheimer's Disease .....	R. Sperling, MD, MMSc
4:30 - 5:30	Panel Discussion .....	All Faculty
5:30 - 6:30	<i>Reception: Appetizers &amp; Drinks with Course Faculty</i>	

### Thursday, June 2, 2011

8:30 - 9:15	Neuropsychology of Aging & Dementia .....	S. Weintraub, PhD
9:15 -10:00	Executive Systems & FTD .....	K.R. Daffner, MD
10:00 -10:45	Language Dementias: The Primary Progressive Aphasia Spectrum .....	M.M. Mesulam, MD
10:45 -11:00	<i>Coffee Break</i>	
11:00 -11:45	Vascular Dementia .....	A. Viswanathan, MD, PhD
11:45 -12:15 pm	Panel Discussion .....	AM Faculty
12:15 - 1:45	<i>Lunch Break</i>	
1:45 - 2:30	Motor Programming Disorders Associated with Dementia .....	K.H. Heilman, MD
2:30 - 3:15	DLB & Parkinsonian Dementias (PDD, CBD, PSP, MSA) .....	S.N. Gomperts, MD
3:15 - 3:45	Mental Status Examination in Clinical Practice .....	L. Moo, MD
3:45 - 4:00	<i>Coffee Break</i>	
4:00 - 4:45	Differential Diagnosis, and Rare and Rapidly Progressive Dementias .....	J.D. Schmahmann, MD
4:45 - 5:30	Panel Discussion .....	All Faculty
** 6:30 - 9:00	<i>Clinical Pearls Dinner with Faculty Program (**There is a \$145 additional fee for this three-course small group dinner program that has very limited attendance)</i>	
	<b>Clinical Pearls Dinner with Course Faculty: Office Screening &amp; Practical Tips For Management of Problem Behaviors in Dementia</b>	
	<i>Clinical Pearls Mini-Lecturers: Alireza Atri, MD, PhD, Bradford Dickerson, MD, MMSc, Paul Solomon, PhD</i>	
	<i>Other course faculty will participate in discussion and at dinner.</i>	
6:30 - 7:00	<i>Clinical Pearls Mini-Lectures – Office screening of Dementia (Dr. Solomon); Practical Management Tips for Problem Behaviors in Dementia (Drs. Atri &amp; Dickerson)</i>	
	<i>With:</i>	
6:30 - 7:00	<i>Clinical Pearls Mini-Lectures</i>	
	<i>Office Screening of Dementia (Dr. Solomon)</i>	
	<i>Practical Management Tips for Problem of Behaviors in Dementia (Drs. Atri &amp; Dickerson)</i>	
7:00 - 7:30	Discussion of Cases, Q&A Discussion (involving all faculty present)	
	Dinner at Tables: 7:30-9:00 PM	

### Friday, June 3, 2011

8:30 - 9:15	Neuropathology .....	J.P. Vonsattel, MD
9:15 - 9:40	Head Injury, Chronic Traumatic Encephalopathy & Dementia .....	A. McKee, MD
9:40 -10:25	Pharmacological Therapies in AD: Standard of Care, Clinical Trials & Future Directions .....	R. Doody, MD, PhD
10:25 -10:40	<i>Coffee Break</i>	
10:40 -11:25	Management of Behavioral Problems in Dementia: Psychosis, Agitation & Aggression .....	C.G. Ballard, MB ChB, MRCPsych, MD
11:25 -12:00 pm	Pharmacological Management of Mood, Anxiety, Apathy & Odd Behaviors in Dementia .....	J.M. Ellison, MD, MPH
12:00 -12:30	Panel Discussion .....	AM Faculty
12:30 - 2:00	<i>Lunch Break</i>	
2:00 - 2:45	Non-Pharmacological Behavioral Management of Dementia .....	S.D. Verma, MD, MB
2:45 - 3:15	Mental Competence and Legal Issues .....	B.S. Fogel, MD
3:15 - 3:30	<i>Coffee Break</i>	
3:30 - 4:00	Caregiver, Education and Other Support .....	L. Brennan, LSW & S. Rowlett, LICSW
4:00 - 4:45	Panel Discussion .....	All Faculty
4:45 - 5:00	Concluding Comments .....	Drs. Atri & Dickerson

Please Note: Program changes/substitutions may be made without notice.