Conference Schedule

8:00 - 8:45 A.M. REGISTRATION & CONTINENTAL BREAKFAST

8:15 - 8:20 A.M. WELCOME

Steven Sharfstein, M.D., President and Chief Executive Officer Sheppard Pratt Health System

8:20 - 8:45 A.M. OPENING REMARKS

Vassilis E. Koliatsos, M.D., Stulman Scholar in Clinical Neuropsychiatry and Director, Neuropsychiatry Program, Sheppard Pratt Health System; Professor of Pathology and Neurology, Johns Hopkins Medical Institutions

9:00 - 10:00 A.M.

Neurotransmitter Systems in Neuropsychiatric Disorders:
Solomon H. Snyder, M.D., Distinguished Service Professor of Neuroscience, Pharmacology and Psychiatry, Johns Hopkins University School of Medicine

10:00 - 11:00 A.M.

Novel Approaches to Brain Imaging for Neuropsychiatric Disorders:
Susumu Mori, Ph.D., Professor, Department of Radiology, Johns Hopkins University School of Medicine

11:00 A.M. - 12:00 NOON

Neuroanatomy of Autism:
David G. Amaral, Ph.D., Professor, Department of Psychiatry and Behavioral Sciences and the Center for Neuroscience, University of California, Davis

12:00 NOON - 1:00 P.M. LUNCH

1:00 - 2:00 P.M.

The Evolution of Pharmacological Approaches in Treating Schizophrenia:
John M. Kane, M.D., Vice President for Behavioral Health Services of the North Shore - Long Island Jewish Health System; Chairman of Psychiatry at The Zucker Hillside Hospital; Professor of Psychiatry, Neurology and Neuroscience and Dr. E. Richard Feinberg Chair in Schizophrenia Research, Albert Einstein College of Medicine

2:00 - 3:00 P.M.

The Molecular Neurobiology of Alzheimer's Disease:
Philip C. Wong, Ph.D., Professor of Pathology and Neuroscience; Co-Director of the Alzheimer's Disease Research Center; Johns Hopkins University School of Medicine

3:00 - 3:30 P.M. COFFEE BREAK

3:30 - 4:30 P.M.

The Spectrum of Frontotemporal Degeneration:
Bruce Miller, M.D., Professor of Neurology and Psychiatry and the A.W. & Mary Margaret Clausen Distinguished Chair at University of California, San Francisco.

4:30 - 5:30 P.M.

Blast Injury to Brain: A Military Epidemic and Model of Disease:
Vassilis E. Koliatsos, M.D.

5:30 - 5:45 p.m. CONCLUSION

Presenters*

SOLOMON H. SNYDER, M.D.

Dr. Solomon H. Snyder, M.D.is the Distinguished Service Professor of Neuroscience, Pharmacology and Psychiatry at the Johns Hopkins University School of Medicine. He joined the faculty in 1966 and served as Asst Professor Pharmacology, 1966-1968; Associate Professor Pharmacology/Psychiatry (1968-1970); and Professor (1970). In 1980 he established the Department of Neuroscience and served as Director (1980-2006). Dr. Snyder is the recipient of numerous professional honors, including the Albert Lasker Award for Basic Biomedical Research (1978), the National Medal of Science (2005); the Albany Medical Prize (2007), Honorary Doctor of Science degrees from Northwestern University (1981), Georgetown University (1986), Ben Gurion University (1990), Albany Medical College (1998), Technion University of Israel (2002), Mount Sinai Medical School (2004), University of Maryland (2006), Charles University, Prague (2009); the Wolf Foundation Prize in Medicine (1983), the Dickson Prize of the University of Pittsburgh (1983), the Bower Award of the Franklin Institute (1991), the Bristol-Myers Squibb Award for Distinguished Achievement in Neuroscience Research (1996) and the Gerard Prize of the Society for Neuroscience (2000). He is a member of the United States National Academy of Sciences and a Fellow of the American Academy of Arts and Sciences and the American Philosophical Society. Dr. Snyder received his undergraduate and medical training at Georgetown University (MD 1962); Research Associate training with Julius Axelrod at the NIH (1963-1965); and psychiatric training at the Johns Hopkins Hospital (1965-1968).

SUSUMU MORI, Ph.D.

Susumu Mori, Ph.D is Professor in the Department of Radiology at the Johns Hopkins University School of Medicine. He has been working at Hopkins since 1991, including 5 years of graduate work. Dr. Mori's research interest is to develop new MRI technologies to study brain neuroanatomy. His recent works include diffusion tensor imaging and microimaging to study brain white matter diseases and brain development. Dr. Mori is the architect and developer of DtiStudio, a widely used software system with Processing Tools and Environment for Diffusion Tensor Imaging.

DAVID G. AMARAL, Ph.D.

David G. Amaral, Ph.D. joined the University of California, Davis in 1995 as a Professor in the Department of Psychiatry and Behavioral Sciences and the Center for Neuroscience. He is also a staff scientist at the California National Primate Research Center. Dr. Amaral was named the Beneto Foundation Chair and Research Director of the M.I.N.D. (Medical Investigations of Neurodevelopmental Disorders) Institute in 1998. The M.I.N.D. Institute is dedicated to understanding the biological bases of autism and other neurodevelopmental disorders with the goal of developing preventative measures and innovative treatments. Dr. Amaral was a founding member of the M.I.N.D. Institute and has been charged with guiding the overall research mission of the Institute.

Dr. Amaral's laboratory pursues research programs dealing with the neurobiology of primate social behavior and with the development and neuroanatomical organization of the primate and human amygdala and hippocampal formation. He has also carried out a longstanding program designed to understand the organization of brain regions involved in memory. His research now also includes postmortem studies of the autistic brain and magnetic resonance imaging studies of children with autism spectrum disorders. As Research Director of the M.I.N.D. Institute, he is currently coordinating a comprehensive and multidisciplinary analysis of children with autism called the Autism Phenome Project to define biomedical characteristics of different types of autism. This project will lead to more effective hypothesis driven research on the causes of each type of autism and ultimately to more effective treatments. Dr. Amaral has also spearheaded efforts to establish animal models of autism and has been evaluating the potential immune basis of certain forms of autism.

Dr. Amaral received his undergraduate education at Northwestern University and graduated with a degree in Psychology. He then moved to the University of Rochester where he received a joint Ph.D. in Neuroscience and Psychology. He conducted postdoctoral research at the Department of Anatomy and Neurobiology at Washington University. He then moved to the Salk Institute for Biological Studies where he remained for 13 years. During this period he was also an adjunct professor in the Department of Psychiatry at UC San Diego.

JOHN M. KANE, M.D.

John M. Kane, M.D. is Vice President for Behavioral Health Services of the North Shore - Long Island Jewish Health System and Chairman of Psychiatry at The Zucker Hillside Hospital. He is Professor of Psychiatry, Neurology and Neuroscience and holds the Dr. E. Richard Feinberg Chair in Schizophrenia Research at the Albert Einstein College of Medicine. Dr. Kane received his B.A. from Cornell University and his M.D. from the New York University School of Medicine. He currently directs the NIMH-funded Advanced Center for Interventions and Services Research in Schizophrenia at The Zucker Hillside Hospital. He has been a member of the Board of Scientific Counselors for NIMH, and he has served on the council of the American College of Neuropsychopharmacology. He has chaired the NIMH Psychopathology and Psychobiology Review Committee as well as the Psychopharmacologic Drugs Advisory Committee of the Food and Drug Administration

Dr. Kane is a recipient of the Arthur P. Noyes Award in Schizophrenia, the NAPPH Presidential Award for Research, the American Psychiatric Association Foundations' Fund Prize for Research, the Kempf Fund Award for Research Development in Psychobiological Psychiatry, the Lieber Prize for Outstanding Research in Schizophrenia, the Heinz E. Lehmann Research Award from New York State, and the Dean Award from the American College of Psychiatrists.

PETER C. WONG, Ph.D.

Dr. Philip Wong is Professor of Pathology and Neuroscience and Co-Director of the Alzheimer's Disease (AD) Research Center at Johns Hopkins. Dr. Wong has made outstanding contributions to our understanding of disease mechanisms in AD and Amyotrophic Lateral Sclerosis (ALS), and to the identification of new targets for experimental therapeutics. His discoveries have important implications for the development of disease-modifying treatments for AD.

Dr. Wong received his B.S. (1983) and Ph.D. (1989) from the University of Western Ontario in Canada. Following a Post-Doctoral Fellowship at Johns Hopkins, Dr. Wong joined the faculty in 1993 and became Full Professor in 2005 at the same institution. His work on AD has been recognized by the prestigious MetLife Foundation Award for Medical Research.

BRUCE MILLER, M.D.

Dr. Bruce L. Miller is a Professor of Neurology and Psychiatry and the A.W. & Mary Margaret Clausen Distinguished Chair at University of California, San Francisco. A behavioral neurologist, Dr. Miller also serves as clinical director of the UCSF Memory and Aging Center, which treats patients with diseases that cause dementia such as Alzheimer's disease, corticobasal degeneration, Creutzfeldt-Jakob disease and frontotemporal dementia.

In addition to The Human Frontal Lobes, and The Behavioral Neurology of Dementia, Dr. Miller has published more than 400 research papers in the neurological literature. He was recently awarded the prestigious Potamkin Prize for his research in frontotemporal dementia. Dr. Miller helps direct UCSF's Alzheimer's disease Research Center and runs two powerful science consortiums designed to find a treatment for frontotemporal dementia. For thirty years he has been the medical director of The John Douglas French Alzheimer's Foundation a private philanthropic organization that funds basic science research in Alzheimer's disease.

Receiving his MD from the University of British Columbia, Dr. Miller finished his residency in internal medicine at Vancouver General Hospital and his residency in Neurology at Harbor-UCLA medical center in Los Angeles. He completed his fellowship in behavioral neurology at UCLA with D. Frank Benson and Jeffrey Cummings.

VASSILIS E. KOLIATSOS, M.D.

Dr. Koliatsos is Director of the Neuropsychiatry Program at Sheppard Pratt and the first Stulman Scholar in Clinical Neuropsychiatry at Sheppard Pratt. A summa cum laude graduate from the University of Athens School Of Medicine, Dr. Koliatsos completed additional clinical training in Internal Medicine and Neurology while in the Greek Navy. He received a NATO fellowship and subsequently entered the Department of Neurology at Johns Hopkins to begin postdoctoral studies on mechanisms of neurodegenerative diseases with Drs. Mahlon DeLong and Donald Price. He then established his own laboratory within the Division of Neuropathology and Hopkins' Alzheimer's Disease Research Center, and simultaneously completed clinical training in Psychiatry at Sheppard Pratt. He joined the staff of Sheppard Pratt in 1997 and developed the highly specialized Neuropsychiatry Program.

Dr. Koliatsos has published nearly 100 articles on nervous system injury and repair and is a frequent presenter, both nationally and internationally at meetings and conferences. He has received the Leadership and Excellence in AD award from the National Institute on Aging, and the Javits Neuroscience Investigator Award from National Institute on Neurological Disorders and Stroke. He serves on the Governor's Traumatic Brain Injury Advisory Board and in the Medical and Scientific Advisory Board of Alzheimer's Association of Maryland. In addition to directing Sheppard Pratt's Neuropsychiatry Program, he is Professor of Pathology and Neurology at Johns Hopkins and also serves as faculty in the Departments of Psychiatry both at Johns Hopkins and at the University of Maryland. Dr Koliatsos has been teaching medical students and residents on theoretical and clinical aspects of Neuropsychiatry for more than 10 years and sees patients with traumatic injury and neurodegenerative diseases.

**In the event a speaker is unable to be present, an alternative speaker will be scheduled on a comparable subject.*

Registration Form

2010 Update in Neuropsychiatry
Saturday, October 30, 2010

Please print or type. Please register one person per form — photocopy if necessary.

To register and pay online:
www.eventville.com/sheppardpratt

Name (print above) Degree/Title

Organization

Preferred Address (Business or Home)

City State . Zip

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Home Telephone Business Telephone

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FAX Number E-mail Address (see reverse panel)

Discipline:

❑ Psychiatrist ❑ Social Worker
❑ Physician ❑ Nurse
❑ Psychologist ❑ Other:

Registration fee (by October 23rd):

❑ $160 – General Registration
❑ $100 – Sheppard Pratt Health System or Affiliate Agency Staff
❑ $75 – Full Time Students/Residents/Fellows *(Written documentation of full time status must be provided with registration; online registrations will be contacted for docmentation before registration is processed.)*

Late Registration fee:

❑ $175 – **EVERYONE** registering after October 23rd

Checks should be made payable to Sheppard Pratt Health System and mailed to:

Sheppard Pratt Professional Education Dept.
P.O. Box 6815
Baltimore, MD 21285-6815

Credit Card Payments:

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For further information call 410-938-4593

Learning Objectives

AT THE CONCLUSION OF THE CONFERENCE, THE PARTICIPANT WILL BE ABLE TO:

- Discuss the impact of recent advances in the neurobiology of autism in our understanding of mechanisms and development of new treatments.
- Discuss the impact of the pharmacology of atypical antipsychotic and the CATIE trial in current treatment of schizophrenia.
- Identify some of the mechanisms of chronic neuropsychiatric morbidity in frontotemporal degeneration and traumatic brain injury due to blast exposure

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Program

The 2010 Update in Neuropsychiatry Conference is being offered in recognition of major advances that have taken place in core neuropsychiatric diagnoses that we have been serving in our program and throughout our system, but also to further educate our clinicians, clinicians in our community and the general public on these clinical topics, we decided to host a scientific day in the spring of 2010 focusing on both important basic and clinical developments.

THE SPECIFIC GOALS ARE

- to increase scientific and clinical knowledge on core categories of neuropsychiatric illness
- to increase public awareness on the importance of recent research developments and their impact on improved diagnosis and treatment of neuropsychiatric illness and
- to bring together scientists and practitioners from a number of areas associated with the neuropsychiatry and reveal the common principles and problems shared among diverse categories of neuropsychiatric diseases

This activity is designed for psychiatrists, psychoanalysts, psychologists, social workers, nurses, counselors, and other mental health care professionals. No special background is required to attend this conference.

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CREDIT:

Sheppard Pratt Health System designates this continuing medical education activity for a maximum of 7 Category 1 credits of the Physician's Recognition Award of the American Medical Association. Each physician should claim only those credits that he/she actually spent in the activity. This activity is designated for 7 CEU's by the State of Maryland Board of Examiners of Psychologists. It is approved for 7 contact hours by the National Board of Certified Counselors, and is approved for 7 contact hours in Category 1 for social workers. ***Credits are based on hours of attendance.***

ACCREDITATION:

Sheppard Pratt Health System is accredited by The Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians. Sheppard Pratt Health System is recognized by the National Board for Certified Counselors to offer continuing education for National Certified Counselors (Provider #5098). We adhere to NBCC Continuing Education Guidelines. Sheppard Pratt Health System is accredited by the Board of Social Work Examiners of Maryland to offer continuing education for social workers. We are accredited by the State of Maryland Board of Examiners of Psychologists to offer CEU's.

REGISTRATION:

Register online using a credit card at **www.eventville.com/sheppardpratt** or return the registration form with **full tuition enclosed** to:

Sheppard Pratt Professional Education Programs
6501 N. Charles Street
P.O. Box 6815
Baltimore, MD 21285-6815

If using a credit card, you may also fax your registration form to 410-938-4596.

Space permitting, registrations are accepted up to the day of the symposium. All registrants who provide an e-mail address will receive confirmation. A map of the campus is available at www.sheppardpratt.org. Call by October 14th if you need special accommodations.

FEE:

Symposium fee is $160 by October 23rd and includes all materials, breakfast, lunch and refreshments. Fee for employees of Sheppard Pratt Health System and its affiliate agencies is $100 by October 23rd. Full time students providing written documentation acceptable to the program sponsors may register for $75 before October 23rd. Registration for all participants after October 23rd is $185.

REFUND POLICY:

October 20th is the deadline to receive a partial refund. A $55 administration charge will be deducted.

LOCATION:

Overlooking Sheppard Pratt's beautifully landscaped grounds, this year-round, state-of-the-art conference facility features a 200-seat auditorium, five climate-controlled classrooms, catering and dining services, videoconferencing services, comprehensive audio-visual services.

The Conference Center at Sheppard Pratt, 6501 N. Charles St., Baltimore, MD is located approximately 2.5 miles south of Exit 25 (Charles St.) off of Interstate 695 (Baltimore Beltway). To reach the Conference Center, enter the campus from Charles Street using Gatehouse Drive. Stay on Gatehouse Drive bearing left when it forks at Pratt Drive. Continue a short distance and Conference Center Drive will be on your left. Follow Conference Center Drive to the facility. Park in front of the building. Ample free parking is available.

LODGING:

Hotel lodging is available at the nearby Sheraton Baltimore North. Call 410-321-7400 for reservations. Identify yourself as attending a Sheppard Pratt function to receive the Sheppard Pratt corporate rate of $124 per night (plus tax). The Sheraton is located at 903 Dulaney Valley Road, Baltimore, MD 21204. The Sheraton will provide shuttle transportation to the Conference Center if requested.

This educational program has been funded with support from:

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&
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2010 Update in Neuropsychiatry

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2010 Update in Neuropsychiatry

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A Conference for Mental Health Professionals

Saturday, October 30, 2010

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The Conference Center at Sheppard Pratt

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