3rd Annual Cerebral Palsy Conference
BUILDING THE ROAD TO INDEPENDENCE

July 28-29, 2006

Eric P. Newman Education Center
Washington University Medical Center, St. Louis

Course Co-Chairs
Janice E. Brunstrom, M.D.
Michael J. Noetzel, M.D.
Anna Marie Champion
Cynthia Frisina Gray

Presented By
The Pediatric Neurology Cerebral Palsy Center
at St. Louis Children's Hospital
and Washington University School of Medicine

Jointly Sponsored By:
Washington University School of Medicine
Continuing Medical Education and
Reaching For The Stars. A Foundation of HOPE for Children with Cerebral Palsy
COURSE OBJECTIVES
This conference is designed for family members and caregivers of children with congenital and acquired forms of cerebral palsy, as well as clinicians from a wide variety of backgrounds including neurologists, pediatricians, physical medicine specialists, orthopaedic surgeons, nurses, therapists (physical, occupational, speech, developmental). The conference will provide valuable information that will help improve the lives of children impacted by cerebral palsy and their families. Space is limited to the first 400 registrants, so do not miss this wonderful opportunity to learn about the latest CP research and treatment options. After the conference attendees should be able to:

• Demonstrate an understanding of cerebral palsy, including possible etiologies and risk factors for these disorders and the types of motor disorders and associated impairments in these children.
• Draft a plan for evaluating and managing the child with CP (including specialized and primary care issues) that helps families set and attain goals and priorities to maximize function and quality of life.
• Demonstrate a preliminary understanding of hypertonia, dystonia and spasticity and discuss two or more options for treatment.
• List several potential obstacles to education in children with CP and discuss the role of neuropsychological testing.
• Discuss the role assistive technology, including the use of computers, in optimizing communication, education and quality of life in CP.
• Demonstrate the understanding of the importance of quantitative research in current and future treatments of patients with cerebral palsy.

ACCREDITATION
Washington University is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT
Washington University designates this educational activity for a maximum of 13 AMA PRA Category 1 Credit(s)™ towards the AMA Physician's Recognition Award. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Disclosure Policy: It is the policy of Washington University School of Medicine, Continuing Medical Education, to ensure balance, independence, objectivity and scientific rigor in all its educational activities. All faculty participating in this activity are expected to disclose to the audience any financial interest or other relationship he/she has with the manufacturer(s) of any commercial product(s) discussed in an educational presentation.
WASHINGTON UNIVERSITY SCHOOL OF MEDICINE, ST. LOUIS CHILDREN’S HOSPITAL and PROGRAM FACULTY

Janice E. Brunstrom, M.D.
Assistant Professor of Neurology, Cell Biology and Pediatrics
Director, Pediatric Neurology Cerebral Palsy Center at Washington University School of Medicine & St. Louis Children’s Hospital

Michael J. Noetzel, M.D.
Professor of Neurology and Pediatrics; Director, Clinical Services, Division of Pediatric Neurology, Washington University School of Medicine
Medical Director, Clinical and Diagnostic Neuroscience Services
St. Louis Children's Hospital

Steven M. Casey, M.A., Licensed Marriage and Family Therapist
Diane L. Damiano, Ph.D., PT, Research Associate Professor of Neurology and Physical Therapy
Courtney Dunn, PT, Physical Therapist
J. Eric Gordon, M.D., Associate Professor of Orthopaedic Surgery
Kathy Herndon, PT, MHS, PCS, Physical Therapist
Linda Lamers, BS, MAT, Certified Specialist in Reading, Learning Disabilities, Behavioral (Emotional) Disorders and Physical Impairment
Debra Lantzy, OTR/L, Occupational Therapist
Jeffrey Leonard, M.D., Assistant Professor of Neurological Surgery
Scott J. Luhmann, M.D., Assistant Professor of Orthopaedic Surgery
Henry L. Mann, Voice Activation Software Expert
Eric S. Mann, M.D., Ph.D., Assistive Technology Advisor to Henry Mann
Jennifer Miro, MPT, Physical Therapist
T.S. Park, M.D., Neurosurgeon-In-Chief, St. Louis Children’s Hospital, Shi H. Huang Professor of Neurosurgery, Professor of Pediatrics, Anatomy and Neurobiology
Helen R. Race, RN, MSN, CPNP, Certified Pediatric Nurse Practitioner
Brad A. Racette, M.D., Vice Chairman of Clinical Neurology, Associate Professor of Neurology
Bradley L. Schlaggar, M.D., Ph.D., Assistant Professor of Neurology, Pediatrics, Radiology, and Anatomy & Neurobiology
Tara V. Spevack, Ph.D., ABPP-CN, Instructor in Clinical Neurology; Pediatric Neuropsychology
Sidhartha Tan, M.D., Associate Professor, Department of Pediatrics Northwestern University & Evanston Northwestern Healthcare
K. Liu Lin Thio, M.D., Ph.D., Assistant Professor of Neurology and Pediatrics
Lawrence Tychsen, M.D., Professor of Ophthalmology & Visual Sciences, Pediatrics, Anatomy & Neurobiology
Julie Weber, PT, Physical Therapist
Paula Witkowski, Ph.D., SLP, Speech Language Pathologist
FRIDAY, JULY 28

11:00am  Registration and grab box lunch

11:30  Welcome and Introductions
Anna Marie Champion & Cynthia Frisina Gray

11:45  Run Like the Wind: Finding Courage to Hold Onto a Dream
Janice E. Brunstrom, M.D.

12:15pm  Visual Motor Abnormalities in Children with Cerebral Palsy
Lawrence Tychsen, M.D.

12:45  Fetal Origins of Cerebral Palsy - Sidhartha Tan, M.D.

1:25  Question & Answer Session

1:40  Refreshment Break

1:55  Acquired Cerebral Palsy - Etiology and Outcome
Michael J. Noetzel, M.D.

2:25  Epilepsy in Children with Cerebral Palsy
K. Liu Lin Thio, M.D., Ph.D.

2:55  Question & Answer Session

3:10  Tackling Reading and Other School Challenges: Pearls of Wisdom from Educators - Linda Lamers, BS, MAT, & Paula Witkowsi, Ph.D., SLP

3:40  Refreshment Break

Tara Spevack, Ph.D., ABPP-CN

4:20  Question & Answer Session

4:35  Panel Discussion

5:05  Dance Performance - Movement 'N Motion
Instructor Kim Gibson

5:30  Dinner (with special entertainment)

6:30  RFTS - Reaching For The Stars
Anna Marie Champion & Cynthia Frisina Gray

6:45  The Ogle Story - Sara Valentine & Rhonda Powell

7:00  Using Functional MRI to Understand Cerebral Palsy
Bradley L. Schlaggar, M.D., Ph.D.

7:30  Question & Answer

7:40  Helping Families to Successfully Manage the Emotional Challenges of Cerebral Palsy…A Guide for Parents and Siblings
Steven Casey, MA

8:20  Question & Answer

8:30  Final Remarks & Adjourn

SATURDAY, JULY 29

7:45am  Registration and Continental Breakfast

8:15  Introductions


9:00  Selective Dorsal Rhizotomy as an Option for Spastic Cerebral Palsy - T.S. Park, M.D.
9:30 Baclofen Pump: Issues Regarding Placement and Complications
Jeffrey Leonard, M.D.

10:00 Question & Answer Session

10:15 Refreshment Break

10:30 The Role of Botulinum Toxin for the Treatment of Spasticity and Dystonia in Children with Cerebral Palsy - Brad A. Racette, M.D.

11:00 The Role of Lower Extremity Osseous and Soft Tissue Surgery in Children with Cerebral Palsy - J. Eric Gordon, M.D.

11:20 Orthopaedic Management of the Spine in Patients with Cerebral Palsy - Scott J. Luhmann, M.D.

11:40 Question & Answer Session

11:55 Luncheon with Entertainment
Boxed Lunches available in lobby to take back into auditorium

12:15pm Martial Arts - Fighters With Courage and Power
Instructors: Sifu Charlie Walton & Sifu Ken Sills

12:45 Break Out Session 1, 2
Making Moments Matter: Strategies for Incorporating Therapies, Sports, Home Exercise, and FUN Into Every Day Life.
Kathy Herndon, PT, MHS, PCS; Courtney Dunn, PT; Julie Weber, PT; & Debra Lantzy, OTR/L

1:30 Break Out Session 3, 4
Using Computers for Speaking & Voices for Writing
Jane K. Quarles, MS, CCC-SLP; Debra Lantzy, OTR/L; Henry L. Mann; & Eric S. Mann, M.D., Ph.D.

2:00 Refreshment Break

2:15 Update on Research to Enhance Motor Function in Cerebral Palsy
Diane L. Damiano, Ph.D., PT

2:45 A Practical Approach to Primary Care Issues in Patients with Cerebral Palsy - Helen R. Race, RN, MSN, CPNP

3:15 Question & Answer Session

3:30 Panel Discussion

4:00 Closing Comments and Adjourn

Special thanks to our Joint Sponsor:
**GENERAL INFORMATION**

**Special Note:** We have made every effort to make this conference and the trip it involves as affordable as possible for families. We are starting late enough on Friday to allow families to fly in that morning. The hotel has given us a special rate and is right next door to the conference center, so there is no need for additional transportation. The MetroLink (light rail system) ride from the airport is extremely inexpensive and very convenient to the conference center and hotel, as well.

**Location:** Eric P. Newman Education Center (EPNEC), 320 South Euclid Ave., St. Louis, MO 63110. A map will be included with the registration acknowledgment. Meeting room temperatures are difficult to regulate to everyone's preference; bringing a jacket or sweater is recommended.

**Parking:** Courtesy parking, for paid registrants, is available at the METRO GARAGE located at Children's Place and Taylor Avenue. Please bring your ticket to the registration desk for validation.

**Hotel Accommodations:** A block of rooms has been reserved at The Parkway Hotel. Please make your reservations by **July 8th** and be sure to mention you are attending the Washington University Cerebral Palsy conference to receive the special discounted rate of **$89** per night plus tax. Overnight parking will be covered for Thursday and Friday only.

- **The Parkway Hotel at Washington University Medical School**
  (314) 256-7777  Toll-free (866) 314-7700  (1-block walk to EPNEC)

**MetroLink:** The Central West End MetroLink Station is conveniently located at the medical center on Euclid Avenue, ½ block south of EPNEC. The MetroLink trip from the airport to the medical center takes approximately 20 minutes and costs $1.50 - $3.00 each way. Taxis are available at the airport and will cost approximately $35 to the medical center.

**Please Note:** Washington University is not responsible for airline or hotel reservations. Please confirm registration acceptance prior to purchase of non-refundable or penalty airline tickets.

**Registration/Payment Policy:** Your full payment in advance completes your registration and ensures your enrollment in this course. If you have not received an acknowledgment within two weeks of your registration submission, please call the CME office.

**Cancellations:** Registration fee less $50 administration charge is refundable if cancellation is received in writing by July 3, 2006.

**Special Needs:** Continuing Medical Education at Washington University School of Medicine fully complies with the legal requirements of the Americans with Disabilities Act rules and regulations thereof. If any participant of this meeting is in need of accommodations, please do not hesitate to submit written requests at least one month prior to seminar date. Assisted listening devices available on loan.

**For Further Seminar Information**
Telephone 314-454-KIDS (5437)

**Day of Seminar Only Telephone Number:** (314) 747-6338
Callers should ask for the Washington University Cerebral Palsy Conference.
ADVANCE REGISTRATION
3rd Annual Cerebral Palsy Conference
July 28-29, 2006
To ensure proper spelling of your name, please print clearly.
The information provided will appear as written on the attendance roster.
If you wish not to be listed on the attendance roster, check here: ☐

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Address

City/ State/ Zip

Office Phone       Fax

If you wish to receive CME announcements online, indicate your email address.

Specialty

Medical School Graduate of: ☐Washington University  ☐Other  Year __________

REGISTRATION FEES:  

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Your full payment in advance completes your registration and ensures your enrollment in this course. Fees include enrollment, educational materials, credit, continental breakfasts, refreshment breaks, luncheons, dinner and medical center parking.

THREE CONVENIENT WAYS TO REGISTER!

☐ MAIL this completed form with your check payable to:
   Washington University  Mail to: CME/WUSM, Campus Box 8063
   660 S. Euclid Ave., St. Louis, MO 63110

☐ FAX this completed form with credit card information to (314) 362-1087
   ☐ MasterCard  ☐ Visa  ☐ Discover
   Name on Card
   Card#
   Exp. Date  Signature

☐ PHONE your registration to: (800) 325-9862  or (314) 362-6891
   (Please have your credit card information ready.)