

Sports, Dance, Movement and the Brain: A Symposium
April 21-23, 1995 • The Art Institute of Chicago



Presented by
The Foundation For
Human Potential
in conjunction with
The School of the
Art Institute of Chicago

Sponsored by
The EJLB Foundation
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Director
Andrea Gellin Shindler
Executive Director and Founder
The Foundation For Human Potential
Chicago, Illinois

Schedule

Day One, Friday, April 21,1995

Time	Lecture Topic	Speaker
7:45 - 8:45 A.M.	Registration	
9:00-9:10	Welcome Address	P. Pribbenow
9:10 - 9:25	Acknowledgments, Evolution of the Symposium	A. Shindler
9:25-11:00	An Encounter with Dance	J. d'Amboise E. Weinstein
<i>Lecture and Performance</i>		
11:00-11:20	COFFEE BREAK	
11:20-11:50	Descartes' Error and the Body-Minded Brain	A. Damasio
11:50- 12:10 P.M.	Panel/Questions	(A.M. Lecturers)
12:10-1:30	LUNCH	
1:30-2:00	Basal Ganglia and Movement	M. Hallett
2:00-2:30	Behavioral Neurophysiology of the Motor System	A. Georgopoulos
2:30-3:00	Cortical Mechanisms Contributing to Skill Acquisition and to Practice-Induced Dysfunction	M. Merzenich
3:00-3:20	COFFEE BREAK	
3:20-3:50	Case Studies: The Influence of External Cues on Neurologic Disorders of Movement	C. Cornelia
3:50-4:30	Panel/Questions	(P.M. Lecturers)

Day Two, Saturday, April 22,1995

9:00 - 9:30 A.M.	The Cerebellum and the Timing of Movement	M. Hallett
9:30 - 10:00	Coordination Dynamics: The Language of Skill	J.A.S. Kelso
10:00 -10:20	COFFEE BREAK	
10:20-10:50	Athletics, Health, Family, and Dance: Working in the Community	D. Dorfman S. Pimsler
10:50-11:50	Panel/Questions Dancers, Athletes, Sports Journalists, Coaches, Neuroscientists Trainers, and brief presentations from each of the following: J. Mazo, A. Clarke, B. Frankel	(A.M. Lecturers)
11:50-1:20 P.M.	LUNCH	
1:20 - 1:50	Apraxia: A Disorder of Learned Movements	N. Helm-Estabrooks
1:50-2:20	Dance and Mental Health: Preliminary Data of the National Dance Institute as a Primary Prevention Program	J. Seham
2:20 - 2:50	Profiles of Neurodevelopmental Learning Disabilities: Deficit and Talent	S. Weintraub
2:50-3:10	COFFEE BREAK	
3:10-3:40	Neurology of Motor Learning and Cognition	E. Ross
3:40-4:10	To be Announced	
4:10-4:30	Panel/Questions	(P.M. Lecturers)

Schedule

Day Three, Sunday, April 23, 1995

Time	Lecture Topic	Speaker
9:00 - 9:30 A.M.	Brain Networks Controlling Movement	J. Houk
9:30-10:00	Feet on Science: Enhancing the Learning of Science Through Dance and Drama	Z. Lerman
10:00-10:20	COFFEE BREAK	
10:20-10:50	Movement and Skill Learning: Retention and Transfer	K. Newell
10:50-11:20	Action and Space: Interhemispheric Communication	J. Levy
11:20-11:40	Panel/Questions	(A.M. Lecturers)
11:40-12:50 P.M.	LUNCH <i>Lecture and Performance</i>	
12:50-1:50	Effective Teaching Strategies for Athletes with a Cognitive Delay	P. D'Avolio C. Craigs
1:50-2:05	Panel/Questions	(P.M. Lecturers)
2:05 - 2:25	Conference Summary: Highlights of Interdisciplinary Research	
	Directions Inspired by the Symposium	A. Damasio
2:25 - 3:00	COFFEE	

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