

The 3rd Annual Coleman Institute Conference
Technology, Neuroscience and the Future of Cognitive Disability
at the University of Colorado Fitzsimons Campus

Agenda

October 9-10, 2003

Thursday, October 9

Gateway to the Rockies
13659 E. 17th Place
Aurora, CO 80010

3:30 - 4:00 p.m. Welcome Reception

4:00 - 5:30 p.m. Keynote Address
Raymond Kurzweil
Inventor and Entrepreneur
"Technology, Neuroscience, and the Future of Cognitive Disability"

5:30 - 6:15 p.m. Cocktail Reception and Kurzweil Book Signing

Anschuta Pavilion
1635 North Ursula Street
Aurora, CO 80010

6:00 - 7:00 p.m. Tours of Anschutz Pavilion
Tours will begin at 10 minute intervals and will be led by CU System President Elizabeth Hoffman, University of Colorado Health Sciences Center Chancellor James Shore, and Executive Vice Chancellor Jay Gershen.

7:00 – 9:00 p.m. Conference Dinner
Welcome and Remarks

David Braddock, Ph.D., Associate Vice President, University of Colorado System and Executive Director, Coleman Institute for Cognitive Disabilities

Bill and Claudia Coleman, Founding Donors, Coleman Institute for Cognitive Disabilities

Elizabeth Hoffman, Ph.D., President, University of Colorado System “*Fitzsimons and Health Sciences Research in the 21st Century*”

Special Guest Speaker

The Honorable Robert Pasternack, Ph.D.
Assistant Secretary for Special Education and Rehabilitative
Services, United States Department of Education

Friday, October 10
Gateway to the Rockies

8:00 – 8:15 a.m. Coffee Reception

8:15 – 8:40 a.m. Conference Overview
David Braddock, Ph.D., Associate Vice President, University of Colorado
System and Executive Director, Coleman Institute for Cognitive
Disabilities

8:40 - 9:00 a.m. Distinguished Guest Speaker

Ann Forts

Founder, The “Up” Syndrome Fund
*“The Meaning and Responsibilities of Self-Advocacy by People with
Intellectual Disabilities”*

9:00 – 9:45 a.m. Consumer and Family Perspectives on Technology and Cognitive
Disability

Moderators: Patty and John Turner, Parent-advocates

Presenters:

Dan Davies, President and Founder, AbleLink Technologies, *“The
Evolution of Technologies Supporting Consumers with Cognitive
Disabilities and their Families”*

Stephanie Lee, Director, Office of Special Education Programs,
United States Department of Education, *“Technology and the
Individuals with Disabilities Education Act”*

Discussant:

Sue Swenson, Executive Director, The Joseph P. Kennedy Jr.
Foundation and Associate Executive Director, The Arc of the United
States

9:45 – 10:30 a.m. Faculty Research Poster Session

10:30 – 11:30 a.m. Technology Applications to Improve Quality of Life Across the Lifespan

Moderator:

Cathy Bodine, Ph.D., Assistant Professor and Director, Assistive Technology Partners, Department of Rehabilitation Medicine, University of Colorado Health Sciences Center

Presenters:

James Rimmer, Ph.D., Professor, Human Development and Kinesiology, University of Illinois at Chicago; and John Bennett, Ph.D., Associate Dean for Academic Affairs, College of Engineering and Applied Science and Professor, Computer Science Department, University of Colorado at Boulder. *“Overview of the UIC-CU Rehabilitation Engineering Research Center on Recreation Technology, Exercise Physiology and People with Disabilities”*

Rodney Bell, Consultant, Elite Care, Inc. and Coleman Institute for Cognitive Disabilities. *“Technology Applications in Residential Living for Persons with Disabilities”*

Jim Sullivan, Ph.D., Co-Director, Cognitive Levers Project, Center for Lifelong Learning and Design, Department of Computer Science, University of Colorado at Boulder; and Anja Kintsch, Research Consultant and Assistive Technology Specialist, Boulder Valley School District. *“Transportation Technology and Cognitive Disability”*

11:30 – 12:15 Plenary Address

Wil McCarthy

Author, Journalist, Engineer

“Programmable Matter and Cognitive Disability”

12:30 – 1:15 p.m. Box Lunches and McCarthy Book Signing

1:15 - 2:30 p.m. Neuroscience and Cognitive Disability

Moderator and Presenter:

John Sladek, Ph.D., Vice Chancellor for Research, University of Colorado Health Sciences Center, *“Neural Repair Strategies”*

Presenters:

Curt Freed, M.D., Professor, Department of Clinical Pharmacology & Toxicology, University of Colorado Health Sciences Center.
“Hopes for Stem Cells to Treat Brain Disease”

Diego Restrepo, Ph.D., Professor, Department of Cellular and Structural Biology, University of Colorado Health Sciences Center.
“Cellular Engineering Micro Systems(CEMS) Research and Cognitive Disability”

Karen Newell, Ph.D., Associate Professor, Department of Biology, University of Colorado at Colorado Springs. *“Bioenergetics and Down’s Syndrome”*

Presenter and Discussant:

Linda Crnic, Ph.D., Director, Colorado Mental Retardation and Developmental Disabilities Research Center, and Professor, Department of Pediatrics, University of Colorado Health Sciences Center. *“Overview of the New Colorado Mental Retardation and Developmental Disabilities Research Center”*

2:30 - 3:15 p.m.

Faculty Research Poster Session

3:15 - 4:00 p.m.

What’s Happening in Washington?

Moderator:

Claudia Coleman, Founding Donor, Coleman Institute for Cognitive Disabilities, and Member, President’s Committee for People with Intellectual Disabilities

Presenters:

Stephanie Lee, Director, Office of Special Education Programs, United States Department of Education

Steve Eidelman, Executive Director of The Arc of the United States

4:00 – 4:15 p.m.

Break

4:15 – 5:00 p.m.

Technology Transfer and Commercialization

Moderator:

Michael Lightner, Ph.D., Professor, Department of Electrical and Computer Engineering, University of Colorado at Boulder

Presenters:

David Allen, Ph.D., Associate Vice President, Technology Transfer, University of Colorado System. *“Technology Transfer and Commercialization at CU”*

Alex Repping, Ph.D., Chief Technology Officer, AgentSheets, Inc. and Research Assistant Professor, Center for LifeLong Learning and Design, Computer Science Department, University of Colorado at Boulder. *“Commercialization and the SBIR Model”*

Kathy Simon, Director, Deming Center for Entrepreneurship, Leeds School of Business, University of Colorado at Boulder. *“Technical Assistance for Commercialization through the Deming Center”*

Discussant:

Bill Coleman, Founding Donor, Coleman Institute for Cognitive Disabilities

5:00 – 5:30 p.m. **President’s Panel: Technology, Neuroscience and Cognitive Disability**

Moderator and panelist:

Elizabeth Hoffman, Ph.D., President, University of Colorado System

Panelists:

Gerhard Fischer, Ph.D., Professor and Director, Center for LifeLong Learning and Design, Computer Science Department, University of Colorado at Boulder

John Sladek, Ph.D., Vice Chancellor for Research, University of Colorado Health Sciences Center

Bill Coleman, Founding Donor, Coleman Institute for Cognitive Disabilities

David Braddock, Ph.D., Associate Vice President, CU System and Executive Director, Coleman Institute for Cognitive Disabilities

Concluding Remarks: David Braddock

5:30 – 6:15 p.m. **Continuing Poster Session and Reception with Cash Bar**