



Practices for Broadening the Participation of Students with Disabilities in STEM

Mark Leddy, PhD

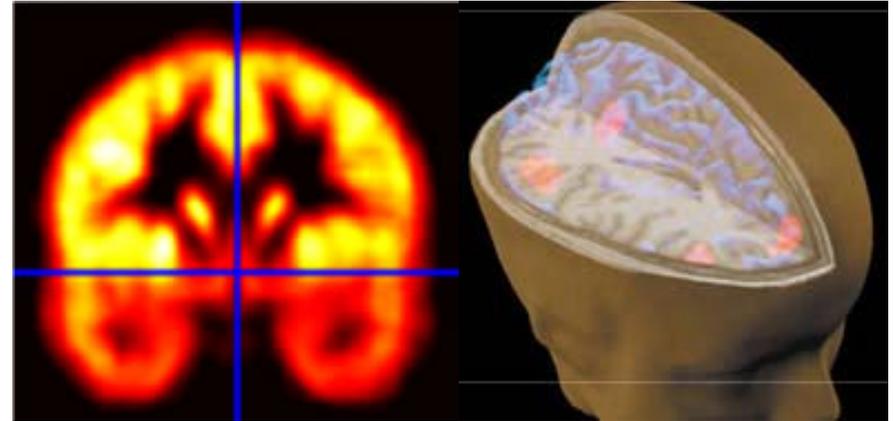
Research in Disabilities Education Program

Division of Human Resource Development

Directorate for Education and Human Resources

Committee on Equal Opportunities in Science and Engineering

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**A Developmental
Social Neuroscience
Approach to
Perception-Action
Relations (0642404)**

**Peter Marshall,
Temple University**

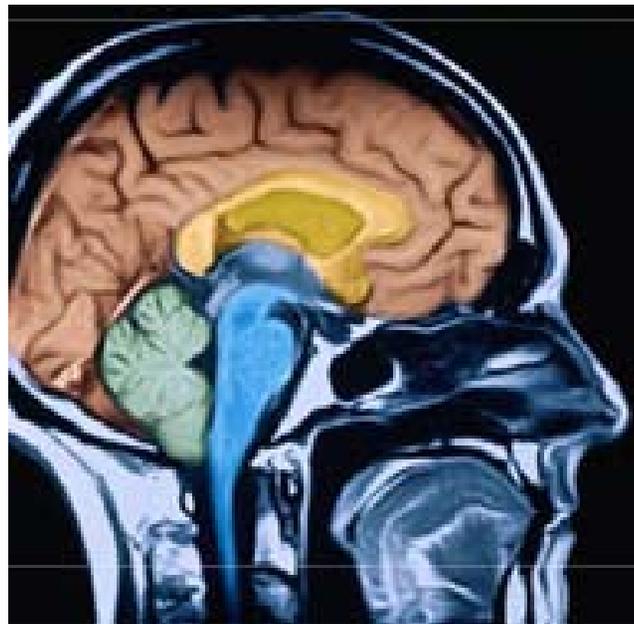
**Neural Systems for
the Extraction of
Socially-Relevant
Information from
Faces (0446801)**

**James Haxby,
Princeton University**



Directorate for Social, Behavioral & Economic Sciences

Science of Learning Centers



VL²

Science
of
Learning
Center
Visual Language
and Visual Learning

(0541953)

**Thomas Allen,
Gallaudet
University**



Quality of Life Technology Engineering Research Center (0540865)

**Takeo Kanade, Carnegie
Mellon University**





AccessComputing: The Alliance for Access to Computing Careers (0540615)

Richard Ladner, University of Washington





CAREER: Response to Fault Systems to Shifts in Tectonic Regime: Implications for the Evolution of and Present-Day Activity of Fault Systems in Southern California (0349070)

Michele Cooke, University of Massachusetts Amherst



Polymer-Based Nanocomposites: An Educational Opportunity for Deaf and Hard of Hearing Students (0406127, 0704056)

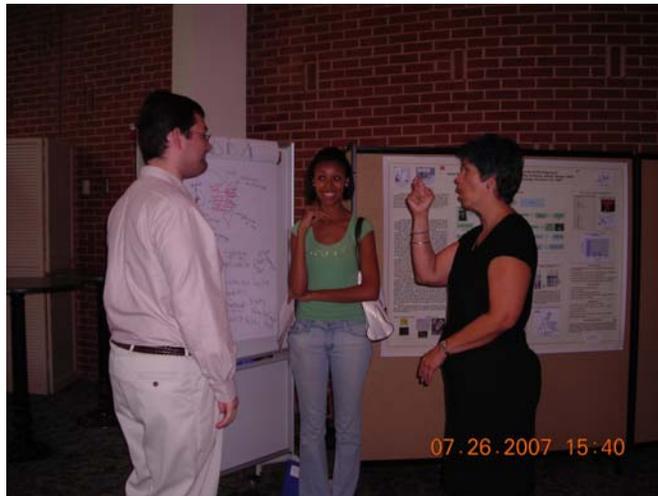
Peggy Cebe, Tufts University





REU Site: Research in Prokaryotic Biology (0453353)

Timothy Hoover, University of Georgia





Directorate for Engineering (ENG)

Directorate for Education & Human Resources (EHR)

ENG's Office of Industrial Innovation & EHR's Division of Human Resource Development



**Speech Assisted Braille
Math (9760018, 9901450)**

**Development of a Talking
Tactile Computer (9960996)**

**Creating Accessible
Science Museums for Blind
and Visually Impaired
Visitors with User-
Activated Audio Beacons
(0232817, 0421973)**



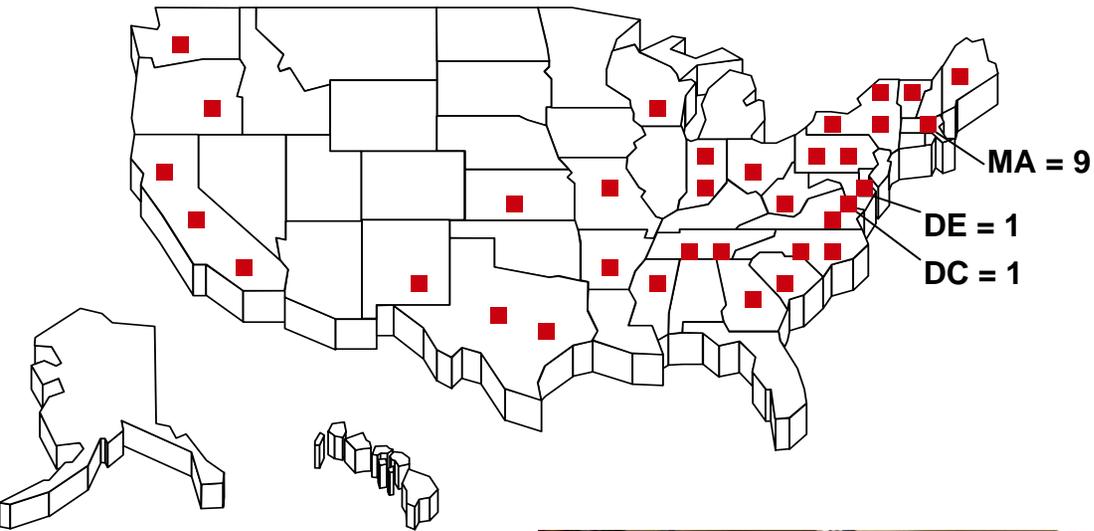
NSF Discovery February 13, 2006



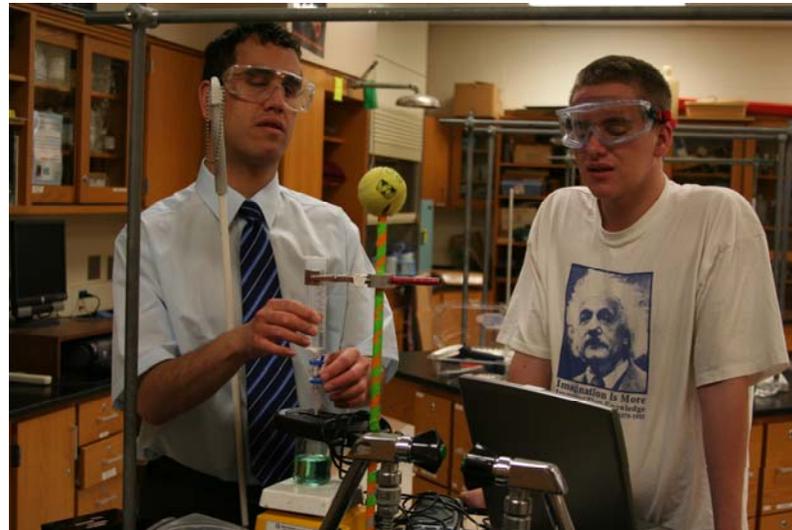
Research to Aid Persons with Disabilities program (RAPD)

**Undergraduate Design Projects for Developing
Assistive Technology for Recreational
Applications (0314095)**

Karen May-Newman, San Diego State University



Research in Disabilities Education program (RDE)





The RDE's Regional Alliances for Persons with Disabilities in STEM Education (RAD)

