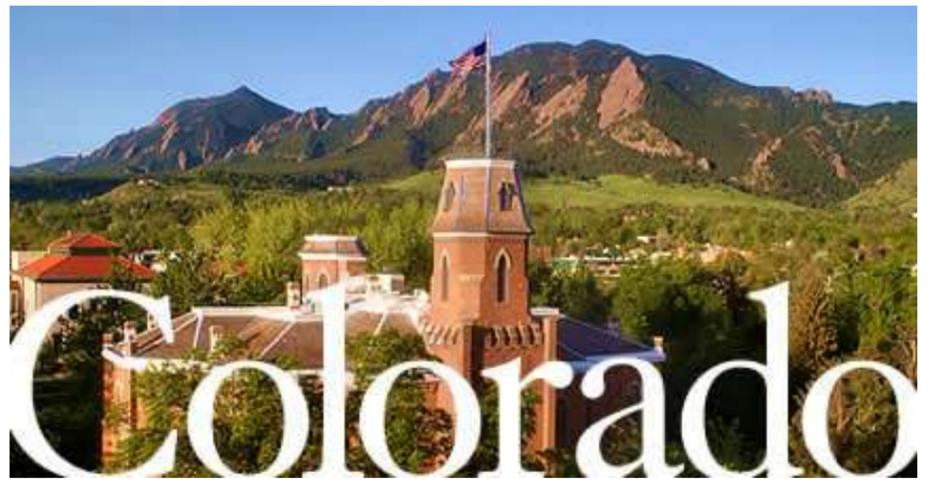


# Graduate Fellowship in Computer Science

with a focus on Universal Access, Design for All, Distributed Cognition, Human-Computer Interaction

The Coleman Institute for Cognitive Disabilities at the University of Colorado (supported by a major endowment by Claudia and Bill Coleman) pursues a mission to catalyze and integrate advances in science, engineering and technology to promote the quality of life and independent living of people with cognitive disabilities.



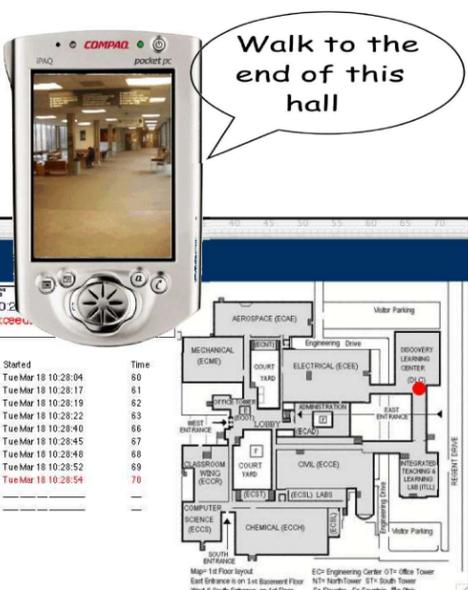
**The Coleman Institute's Goals are to:** empower the independence, self-determination, and productivity of individuals with cognitive disabilities, strengthen the national and international voice in support of persons with cognitive disabilities, and develop and support a community of researchers, clinicians, and public policy experts working in the cognitive disability field.

The Center for Lifelong Learning and Design has a major grant supported by the Coleman Institute titled Cognitive Levers: Helping People Help Themselves. We engage in cross-disciplinary research that blends computer, cognitive and social sciences. Research topics include distributed cognition, situated action, new human-computer interaction paradigms.

## Web2Gether: Social Network Support



## MAPS: Memory Aiding Prompting System



## Lifeline: Active Distributed Support System



The Cognitive Lever (CLever) research team, which was founded in 1999, has taken a systemic approach to address the problems experienced by people with cognitive disabilities and their support community. Our prototypes cover areas such as:

- support for social network building and expertise sharing among teachers,
- cognitive aids that help people with limited memory and reasoning abilities to travel, work, and socialize, and
- caregiver tools for planning, monitoring and supporting clients once they are engaged in community activities.

**We are developing context-aware mobile applications using ubiquitous sensor technologies. We are now beginning to pursue new projects that explore "smart" home and work environments.**

## Mobility for All: Human-Centered Public Transportation

**Application deadline for new doctoral students entering in the Fall 2004 Semester: March 15, 2004 (or until position is filled)**

Candidates who are exceptionally qualified and motivated to engage in this research effort are encouraged to contact us: [clever-fellowship@cs.colorado.edu](mailto:clever-fellowship@cs.colorado.edu)

For more information on the CLever Project: [www.cs.colorado.edu/~l3d/clever](http://www.cs.colorado.edu/~l3d/clever)

