

Cognitive Levers Project: Basic and Applied Research Updates

presented to
Bill and Claudia Coleman

April 1, 2003



Overview

- Year 3 highlights
- A framework for transferring innovative technologies from lab \square world
- Mobility for All - Small Business Innovative Research (AgentSheets Inc.)



AgentSheets[®]

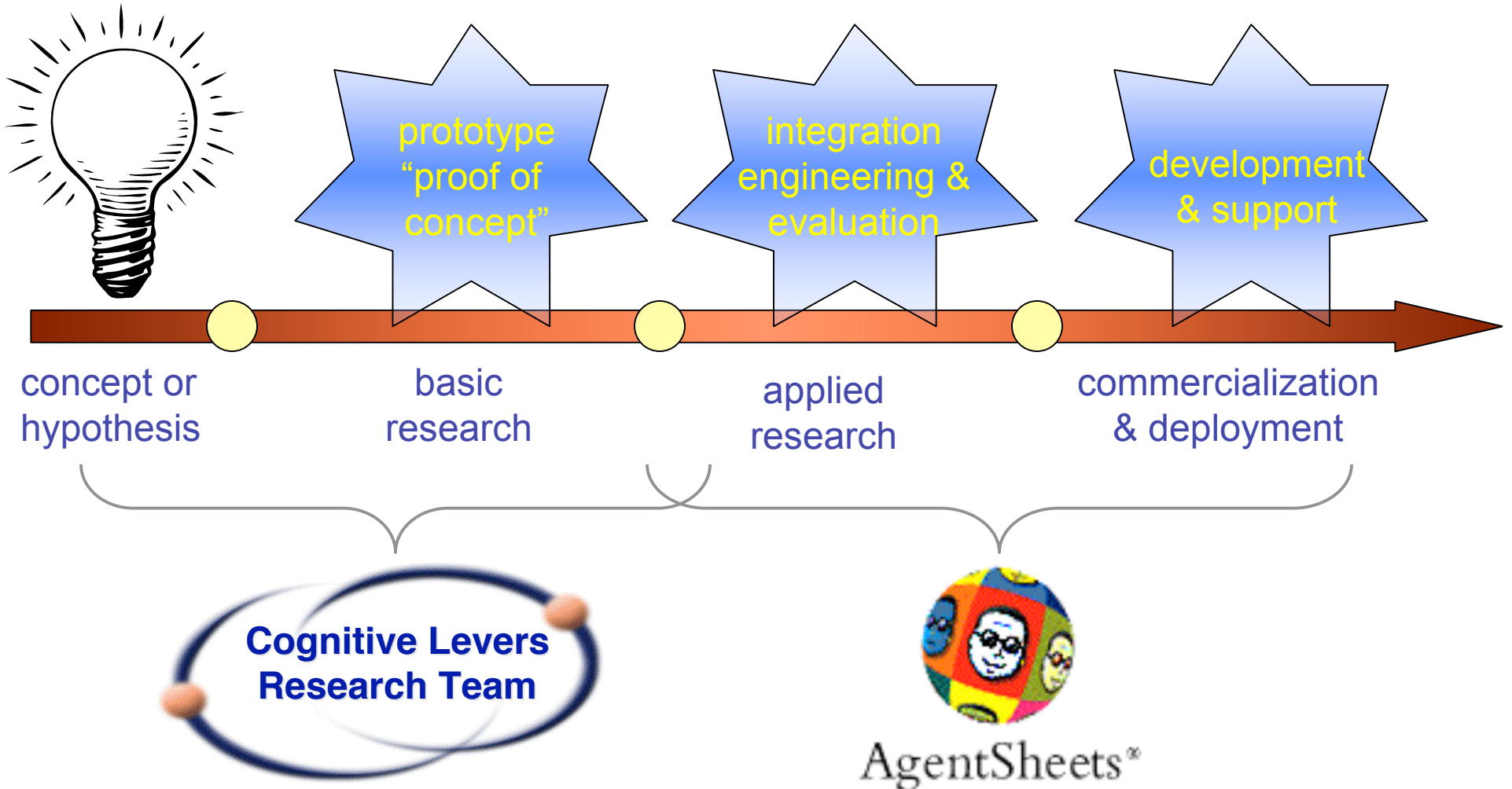
- **CLever updates:**
 - **Integration & synthesis:** Memory Assisting Prompting System (MAPS) & LifeLine (Andy Gorman & Stefan Carmien)
 - **Deployment & assessment:** Web2Gether (Rogerio DePaula & Anja Kintsch)
 - **Basic & clinical research:** Cognitive Virtual Environments (CoVE) for diagnosis & rehabilitation of cognitive deficits (Prof. Mark Dubin)



Year 3 highlights

- **Expanding partnerships**
 - **Small Business Innovative Research Award:** AgentSheets Inc.
 - **Other industry interests & support:**
 - **Intel Corporation:** \$25K wireless gift
 - **HP** - Accessibility Division
 - **Academic: within CU & CSU**
 - **MANTIS Project:** sensor networks for indoor navigation (Prof Rick Han)
 - **Dr. Robin Gabriel:** clinical field studies with MAPS
 - **Dr. Clyne & Debra Fielder:** diagnosis & characterization of disorders
 - **Beyond CU: Dr. Maria Klawe** (Princeton University & ACM President)
- **Building a national reputation**
 - **Disability communities:** Rehabilitative Engineering Society of North America (**RESNA**) 2003 - 3 accepted papers
 - **Scientific communities:** **Interact 2003, National Academy of Science Workshop on Aging, HCIC 2003**
- **Diversification & leverage**
 - **NSF:** 3 new proposals submitted in past 6 months
 - **SBIR Phase 2** (planned)

From the lab to the world ...



What's next ...

Time	Event	People
10:45-10:55	Introduction	Dr. Jim Sullivan
10:55-12:10	Mobility for All SBIR	Dr. Alex Repenning & Agentsheets Inc.
12:10-12:20	Move to DLC 170 & Lunch	
12:20-12:45	Memory Aiding Prompting System (MAPS) and LifeLine	Stefan Carmien & Andy Gorman
12:45-1:10	Web2Gether	Rogério DePaula & Anja Kintsch
1:10-1:20	Move to BP Visualization Center	
1:20-1:45	Cognitive Virtual Environments (CoVE)	Prof. Mark Dubin

