Educational, Outreach & Communication Initiatives

MURI Program Briefing
Washington, DC
August 09, 2007

A Way Forward

Publications
- Approach

Workshops
- Series of Three

Student Development
- MURI Graduate Fellows

Educational Activities
- 4-Tiered Approach
Publication Approach

- Inform Several Disciplines...
  - Human Factors, Cognitive Engineering & NDM
  - Cognitive, Social, Military & I/O Psychology
  - Computer Science
  - Industrial Engineering
Publication Approach (Cont’d)

- Balance the Type of Publications
  - Theoretical to Empirical
  - Methodological to Practical
  - Scientific to Military Community

- Seek the Best Outlets
  - Peer-review journals
Publication Approach (Cont’d)

- Books
  - Edited & Authored

- Special Issues
  - Theoretical Issues in Ergonomics Science (TIES)
  - Cognitive Technology
  - Others(?)
Publication Approach (Cont’d)

- Conferences
  - HFES
  - AugCog
  - SIOP
  - INGRoup
  - I/ITSEC
  - Others

- Trade Journals
W1: Theory Building & Development

- **Who to Invite**
  - Scientists involved in macro-cognition & collaboration in teams

- **When**
  - Spring 2008

- **Format**
  - Multidisciplinary
  - 2½ days
  - 30-40 attendees & speakers
W1: Theory Building & Development

- **Format**
  - 2 keynotes
  - 8-10 presentations
  - Discussion & panel sessions
  - Student poster session

- **Products**
  - CD proceedings
  - Edited book
W2: Performance Assessment, Metrics, Tools

- **Format**
  - Same as Workshop 1
- **When**
  - April 2009
- **Products**
  - CD proceedings
  - Edited Book
W3: State of the Science

- Format
  - 50-60 Attendees
  - Papers, posters, panels, debates
  - Several Keynote speakers

- When
  - 48-60 Months out

- Products
  - CD Proceedings
  - Edited Book(s)
Workshops

✓ Others Ideas...
  - Primer on macro-cognition & collaboration
    - Book
  - Primer on measurement of macro-cognition & collaboration
    - Book
Student Development

- MURI Graduate Fellows
  - All partner universities
  - 15+ Graduate Students
  - 8 Undergraduates
  - Support thesis & dissertations
Educational Activities

- Graduate Seminars/Special Topics
  - Collaboration
  - Macro-cognition
  - Team decision-making
- Invited Speakers
- Conference Panel Session(s)
- Brown Bags