The HCl “Pyramid”: A Taxonomic Overview of HCl

I. Theory
   A. Cognitive/Behavioral/Affective
      - Cognitive theories of attention, learning, affect
      - Card, Moran, & Newell’s “Model human processor”

II. Basic Research
   A. Human performance studies, human brain studies
   B. Observational studies of human-human and human-computer interaction, ethnographic field studies

III. Applied Research
   A. Artifact Design
      - user-centered design
      - participatory design
      - task-analytic methods
   B. Artifact Evaluation
      - cognitive modeling
      - usability studies
      - heuristic evaluation

IV. Applications
   A. CSCL
   B. CSCW
   C. Info. Retrieval
   D. Visualization
   E. Ed. Tech.
   F. End-User Computing

You?