Health and Behavior Pillar

Members:
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Judith Ockene                  UM Worcester
David Wegman                   UM Lowell
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Health and Behavior Progress to Date

- Two group meetings (1 in-person; 1 phone)
- Established title, conceptual framework (social-ecological model)
- Preliminary sharing of campus research
- Preliminary discussion of case statement
- Decided next steps
Macro social level

Global economic and geopolitical level
National and State level
Community and workgroup level
Individual, family, and social group level

Micro biological Level

Organ level
Cellular level
Molecular level
Genomic level

Society and the Environment
Family and Community
Individual Health
Lifespan

Figure 1. Health as a continuum between biological and social factors across the lifespan. (Adapted from Glass & McAtee, 2006).
Advances in the life sciences and related technologies will not be meaningful to MA residents and industries unless they lead to environments and practices that sustain the health of individuals and diverse populations.

Research in the Health and Behavior pillar addresses the creation and application of new knowledge, including cellular/molecular research, animal and human intervention studies, and population-based research. Studies in this pillar also address interactive influences of interventions, technologies, and policies on the environmental and societal level, as well as the impact on improved health and reduced health care costs.
University of Massachusetts Life Sciences Initiative
Amherst-Boston-Dartmouth-Lowell-Worcester-President’s Office
Health and Behavior Next Steps

- Share inventory of campus grants/projects
- Summarize campus assessment into priorities
- Share priorities in pillar categories based on conceptual framework
- Modify categories if needed
- Establish aspirant vision and request for resources