



GEM Grid-Enabled Measures Database

A Collaborative Site for Researchers

www.gem-measures.org (Note new URL)

What is GEM?

- **The Grid-Enabled Measures (GEM)** portal is a dynamic, interactive website of behavioral, social science, and other scientific measures organized by associated theoretical constructs.
- **GEM** enables researchers to collaborate with their peers, encourages the use of common measures, and facilitates the sharing of harmonized data.
- Additionally, **GEM** allows users to create custom workspaces to collaborate around specific content areas.

Why use GEM?

- **Collaborate** with your colleagues
- **Conduct** research more efficiently
- **Vet and use** common measures
- **Identify** users with harmonized data
- **Share** knowledge
- **Improve** comparability across studies
- **Empower** a new generation of investigators using Science 2.0 technology

The screenshot shows the GEM website interface. At the top, there is a red header with the National Cancer Institute logo and the text "National Cancer Institute" and "U.S. National Institutes of Health | www.cancer.gov". Below the header, there is a navigation bar with the GEM logo and the text "Grid-Enabled Measures Database". To the right of the navigation bar, there is a search box and a "Search" button. Below the navigation bar, there is a main content area with a "Home" tab selected. The main content area is divided into three columns. The left column is titled "Content Areas" and lists various topics such as Anthropometrics, Cancer, Cardiovascular, Diabetes, Education, Training, and or Career Development, HIV/AIDS, Mental Health, Methods, Nutrition, Obesity, Occupational Health, and Pain. The middle column is titled "Welcome to GEM, a web-based collaborative tool containing behavioral, social science, and other relevant scientific measures." and contains a paragraph about the goal of GEM and a list of features: "GEM enables users to: Add constructs or measures to the database; Contribute to and update existing information (metadata) about constructs and measures; Rate and comment on measures to drive consensus on best measures; Access and share harmonized data; Search for and download measures." Below this list is a link "Learn more about GEM". The right column is titled "Recent Workspaces" and lists several workspaces: "Health Behavior Theory (HBT)", "Tobacco Use by Cancer Patients", and "Electronic Health Record (EHR) Campaign". Below this list is a link "My Subscriptions".

What are the benefits of GEM?

- **Allows users to engage** in collaborative research using a wiki-based platform to drive consensus on measures organized by theoretically-based constructs
- **Enables dialog** with others by encouraging feedback and ratings on measures and constructs
- **Helps researchers and clinicians** find the best measures for their studies
- **Facilitates knowledge synthesis** through the use of common measures
- **Supports users** to create custom Workspaces (*see screenshot below*) to achieve consensus on best measures in particular content areas

Welcome to GEM Workspaces! Workspaces were created so researchers can collaborate about specific areas of their research. Workspaces are open to all GEM users. If you are interested in creating a workspace, please complete a GEM Workspace Request Form.

[Request New Workspace](#)

Name	# of Measures	Description	Status
PhenX Expert Review Panel Cluster 1	74	This workspace seeks community feedback on measures in four PhenX domains.	Announced (2/11/2014)
Health Behavior Theory (HBT)	251	The goal of the Health Behavior Theory (HBT) GEM project is to make a significant contribution to the field by identifying and making readily accessible many theoretically driven health behavior measures. Stakeholders are encouraged to provide feedback on these measures.	Active (9/3/2013)
Tobacco Use by Cancer Patients	1	This workspace is designed for use by NCI-AACR Cancer Patient Tobacco Use Assessment Task Force, a task force organized by the National Cancer Institute and the American Association for Cancer Research (AACR). The focus of the task force is the assessment of individual tobacco use in cancer-related settings, whether during screening, diagnosis, treatment, or survivorship.	Active (7/8/2013)
Distress Measurement Initiative (GEM-DM)	34	Goals: 1) Assess which distress measures are being used in research and practice; and 2) Elicit feedback about the quality of current measures used in research and practice through ratings and comments, leading to promotion of the use of common measures.	Active (11/6/2012)
Shared Decision Making	43	Goal: To build consensus about the measurement of shared decision making (SDM) in the clinical setting by engaging the SDM research community in a discussion of priority SDM antecedent, process, quality, and outcome constructs and measures.	Active (9/11/2012)
Developing a Global Cancer Stigma Index	36	Goal: Test the translation and cultural context of a Spanish language cancer stigma index developed by RAND Corporation for LIVESTRONG.	Active (6/26/2012)
Centers for Population Health and Health Disparities (CPHHD)	22	Goal: 1) To identify which measures each Center is using, and 2) to determine comparability of measures across all Centers for use in future studies.	Active (4/13/2012)
GEM-Dissemination and Implementation Initiative (GEM-D&I)	130	Goal: Build consensus in the dissemination and implementation (D&I) research and practice community around high-priority process and outcome measures for use in D&I studies.	Active (3/9/2012)
The GEM-Care Planning Initiative (GEM-CP)	118	Goal: To build consensus in the survivorship community around high-priority process and outcome measures for use in studies of survivorship care planning.	Active (2/28/2012)

New in GEM

- **Connecting** with other measure databases to expand content and consensus options
- **Sign in** with your LinkedIn password, join the LinkedIn Grid-Enabled Measures group page [https://www.linkedin.com/groups/ GridEnabled-Measures-Database-7495285?home=&gid=7495285](https://www.linkedin.com/groups/GridEnabled-Measures-Database-7495285?home=&gid=7495285)
- **Participate** in webinars that highlight work using GEM

For GEM technical help, contact:

The GEM HelpDesk
 Phone: 1-888-335-3883
 Email: GEMHELP@westat.com

For GEM general information, contact:

Richard P. Moser, Ph.D.
 Phone: 240-276-6915
 Email: moserr@mail.nih.gov



National Cancer Institute