



## A Community Site for Researchers

[www.gem-beta.org](http://www.gem-beta.org)

## What is GEM?

GEM (Grid-Enabled Measures) is an interactive website containing behavioral, social science, and other scientific measures organized by theoretical constructs. GEM enables researchers to collaborate with others, encourages the use of common measures, and facilitates the sharing of harmonized data.

## Why use GEM?

- ◆ Collaborate with your colleagues
- ◆ Conduct research more efficiently
- ◆ Use standardized measures
- ◆ Exchange harmonized data
- ◆ Share knowledge
- ◆ Improve comparability across studies
- ◆ Move behavioral and social science research forward
- ◆ Empower a new generation of investigators

Constructs	Measures	Datasets	News	About	Workspaces
<p>The following screen can be used to review the <b>constructs</b> currently available in the system. If you would like to add a new construct, press the "Add New Construct" button to enter the necessary data. Click on table headers to sort list.</p> <p><a href="#">Add New Construct</a> (NOTE: Construct names may be repeated if definitions differ.) <a href="#">View Pages</a></p>					
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Construct A	Definition	Theoretical Foundation	Synonyms		
Acculturation	The degree to which an individual identifies with the culture of one or more ethnicities of his/her	same as black culture construct, but that measure is not applicable to hispanics, Asians, Pacific Is...	ethnic affiliation		
Active Transport	Non-Motorized form of transportation, usually walking or bicycling.	Social-Ecological theory	Active Commuting		
Adherence	The extent to which individuals take their medications as prescribed by their doctor.		Medication Adherence		
Adjustment process	Patterns of reaction and accommodation to diagnosis of cancer in patients over time. Survivorship pa...	Survivorship is a dynamic process and many factors seem to impact the outcomes. What are the key sta...	Change cycle		
Advancing Women Scientists	When faculty are prepared to create opportunities for collaboration, enhance competency through ment...	Translational Model			
Anger	State anger is defined as an emotional state marked by subjective feelings that vary in intensity b...				
Anxiety	A relatively permanent state of worry and nervousness occurring in a variety of mental disorders, us...				
Anxiety and Depression	Negative affect associated with sadness, hopelessness, worry, and/or stress.				

## What are the benefits of GEM?

- ◆ Novel approach to research using a wiki-based platform to drive consensus on measures organized by theoretically-based constructs
- ◆ Researchers contribute to the web site by adding and editing information
- ◆ Enables dialog with others by offering feedback and ratings on measures and constructs
- ◆ Facilitates transdisciplinary research through use of common measures

The following screen can be used to review the **measures** currently available in the system. If you would like to add a new measure, press the "Add New Measure" button to enter the necessary data. Click on table headers to sort list.

[Add New Measure](#) [Quick Filter](#) [View Pages](#)

Measure ID	Brief Description	Content Area	Construct	Submission Status	Avg Rating
Acceptability of Decision Aid Scale	A 10 item questionnaire for patients and a 15 item scale for physicians to rate satisfaction with a	Risk and Decision Making	Patient Satisfaction with Decision Aid	Publicly Available	
Adolescent Self-efficacy for Reducing Sedentary Behaviors	A seven-item measure to assess confidence for reducing sedentary behaviors. Items address 1) funn	Physical Activity Obesity	Self-Efficacy	Ready for rating	
Adoption Emotional Readiness	A 19-item, TTM scale that assesses stage, pros and cons, self-efficacy, and processes for taking	Risk and Decision Making	Child Adoption	Publicly Available	
ADVANCE Scale	A set of measures that assesses the readiness of faculty to take action and adopt the four spec	Education, Training, and Career Development	Advancing Women Scientists	Publicly Available	
Age			Demographics	Publicly Available	
Assessing Readiness for Collaborative Service Delivery	These are TTM-based measures that assess employees' stage of readiness for collaborative service	Education, Training, and Career Development	Collaborative Service Delivery	Publicly Available	
Assessing Readiness for Time-Limited Therapy	A TTM measure that focuses on how organizations change. The measure assessed three dimensions, whic	Education, Training, and Career Development	Organizational Change	Publicly Available	
Attention to mailed materials	This assesses whether mailing recipients remember getting mailings and read the information		Attention to mailed materials	Publicly Available	

## Why use GEM?

- ◆ Make informed data-driven decisions to determine the best measures suited for your protocol
- ◆ Increase efficiency in research, build a cumulative base of knowledge, and fulfill data-sharing requirements
- ◆ Benefit from harnessing the collective knowledge of fellow users

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