

GENERIC SUB-STUDY SUBMISSION – 0925-0589

DATE OF REQUEST: May 18, 2011

SUB AGENCY (I/C): NIH/NCI/DCCPS

TITLE OF SUB-STUDY: Usability Testing of the ASA-24 Respondent Website

GENERIC CLEARANCE UNDER OMB #0925-0589-01

EXP. DATE: 4/30/2014

TOTAL ANNUAL BURDEN APPROVED:

3,600 hours

BURDEN APPROVED TO DATE:

0 hours

BURDEN FOR THIS REQUEST:

26 hours

ABSTRACT:

The National Cancer Institute (NCI) proposes conducting usability testing of the web-based Automated Self-Administered 24-Hour Dietary Recall (ASA24) Respondent system. The ASA24 is under development by NCI and its contractors, and is designed to allow a cost-effective manner for subjects in dietary assessment studies to report the foods they have eaten over the preceding 24-hour period. The goal of the proposed project is to evaluate the data collection strategies within the current system, and to determine the extent to which the ASA24 dietary collection system is operating as intended, in terms of its acceptability and clarity of use for elderly/low-literacy populations. Further, we propose testing a Spanish-language version of the system.

NCI staff will direct the staff of User Centered Design, a software usability testing contractors, to conduct two usability tests of the ASA24 Respondent website consisting of 12 older or low-literate adults and 12 Spanish-speaking adults (using the Spanish version of ASA24). It is anticipated to be conducted during summer, 2011, as follows. The usability test will be approximately one hour in length.

IS RACE AND ETHNICITY DATA COLLECTED AS REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	IS PERSONALLY IDENTIFIABLE INFORMATION (PII) BEING COLLECTED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
OBLIGATION TO RESPOND: <input checked="" type="checkbox"/> VOLUNTARY <input type="checkbox"/> REQUIRED TO OBTAIN OR RETAIN BENEFITS <input type="checkbox"/> MANDATORY	TYPE OF COLLECTION/RESEARCH? <input type="checkbox"/> CUSTOMER SATISFACTION <input checked="" type="checkbox"/> USABILITY TESTING <input type="checkbox"/> FOCUS GROUPS <input type="checkbox"/> PRETESTING <input type="checkbox"/> FORMATIVE RESEARCH <input type="checkbox"/> QUESTIONNAIRE DEVELOPMENT <input type="checkbox"/> OTHER: _____
HOW WILL THIS SURVEY BE OFFERED? <input checked="" type="checkbox"/> WEB SITE <input type="checkbox"/> TELEPHONE INTERVIEW <input type="checkbox"/> MAIL RESPONSE <input type="checkbox"/> IN PERSON INTERVIEW <input type="checkbox"/> OTHER: _____	
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GENERIC SUB-STUDY SUBMISSION – 0925-0589

DATE OF REQUEST: May 20, 2011

SUB AGENCY (I/C): NIH/NCI/Division of Cancer Control and Population Sciences

TITLE OF SUB-STUDY: Evaluation of the Grid Enabled Measures (GEM) Database Website

GENERIC CLEARANCE UNDER OMB #0925-0589-02 **EXP. DATE:** 4/30/2014

TOTAL ANNUAL BURDEN APPROVED: 3600 hours
BURDEN APPROVED TO DATE: 0 hours
BURDEN FOR THIS REQUEST: X hours

ABSTRACT:

The Grid Enabled Measures (GEM) Database Website (<https://www.gem-beta.org/>) was created by the Behavioral Research Program (BRP) to address the need for better quality measures in behavioral research, specifically in the area of health science. The goals of GEM Database Website are to promote the use of shared behavioral and social science measures and to encourage individuals to share harmonized data for the purposes of meta-analysis. The website was built to engender user participation in the creation of a database of constructs and measures, and it is therefore necessary to conduct formal website usability testing to examine if users are able to easily navigate the site, utilize site features, and interact with other users. This usability testing will produce a series of informal reports to address Website usability issues and guide program changes. Individuals who work in health science, including researchers, practitioners and policymakers, will be targeted as possible participants for this analysis. The usability testing will employ a 2x2 design to recruit four user groups, using research experience (expert vs. novice) and site familiarity (used site vs. has not used site) as discriminating criteria. Users will complete a short questionnaire that assesses these user criteria prior to usability testing. One-on-one usability test sessions will be employed, as the user will be asked to complete a number of typical site “tasks” by a facilitator. Three iterative rounds of usability testing are currently planned, with 20-25 users per round. Data collected will include facilitator notes and screen capture footage recorded during testing. Prior to testing, a usability consultant will complete a heuristic evaluation and review relevant Websites and tools.

IS RACE AND ETHNICITY DATA COLLECTED AS REQUIRED? ____ YES <input checked="" type="checkbox"/> NO _____ N/A	IS PERSONALLY IDENTIFIABLE INFORMATION (PII) BEING COLLECTED? ____ X ____ YES _____ NO _____ N/A
OBLIGATION TO RESPOND: <input checked="" type="checkbox"/> VOLUNTARY ____ REQUIRED TO OBTAIN OR RETAIN BENEFITS ____ MANDATORY	TYPE OF COLLECTION/RESEARCH? ____ CUSTOMER SATISFACTION <input checked="" type="checkbox"/> USABILITY TESTING ____ FOCUS GROUPS ____ PRETESTING ____ FORMATIVE RESEARCH ____ QUESTIONNAIRE DEVELOPMENT ____ OTHER: _____
HOW WILL THIS SURVEY BE OFFERED? <input checked="" type="checkbox"/> WEB SITE <input checked="" type="checkbox"/> TELEPHONE INTERVIEW ____ MAIL RESPONSE ____ IN PERSON INTERVIEW ____ OTHER: _____	
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